

Address: 52, TOTTENHAM STREET, LONDON, W1T 4RN 12 Jun 2017

Date: CGL01-3980359

Reference: Card Geotechnics Limited

Client:

NW

N

NE

W

E



SW

S

SE

Aerial Photograph Capture date: 07-Jun-2015

Grid Reference: 529332,181760

Site Size: 0.09ha

Report Reference: CGL01-3980359

Client Reference: PO_4367

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Overview of Findings

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Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	0	14	6	25
1.2 Additional Information – Historical Tank Database	0	0	0	6
1.3 Additional Information – Historical Energy Features Database	0	0	5	15
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	1	5	6	9
1.6 Potentially Infilled Land	0	0	0	0
Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	0	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	1	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	0	3	4
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	7	27	22
2.1.8 Records of Licensed Discharge Consents	0	0	0	0
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	0	0
2.2 Records of COMAH and NIHHS sites	0	0	0	0
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	0	0	3	1
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
3.1 Landfill Sites						
3.1.1 Environment Agency/Natural Resources Wales Registered Landfill Sites	0	0	0	0	0	Not searched
3.1.2 Environment Agency/Natural Resources Wales Historic Landfill Sites	0	0	0	0	0	1
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	0	0
3.2 Landfill and Other Waste Sites Findings						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	0	0	0	0

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	0	6	45	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	1	1
4.3 National Grid Underground Electricity Cables	0	0	0	0
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 5: Geology	
5.1 Are there any records of Artificial Ground and Made Ground present beneath the study site?	No
5.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site?	Yes
5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 6: Hydrogeology and Hydrology				0-500m		
6.1 Are there any records of Strata Classification in the Superficial Geology within 500m of the study site?				Yes		
6.2 Are there any records of Strata Classification in the Bedrock Geology within 500m of the study site?				Yes		
	On-site	0-50m	51-250	251-500	501-1000	1000-2000
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	0	4	12	45
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	3
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	2	4	13
6.6 Source Protection Zones (within 500m of the study site)	0	0	0	0	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	1	0	0	0	Not searched	Not searched

Section 6: Hydrogeology and Hydrology	0-500m					
	On-site	0-50m	51-250	251-500	501-1000	1000-1500
6.9 Is there any Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site?	No	No	No	No	No	No
6.10 Detailed River Network entries within 500m of the site	0	0	0	0	Not searched	Not searched
6.11 Surface water features within 250m of the study site	No	No	No	Not searched	Not searched	Not searched

Section 7: Flooding						
7.1 Are there any Environment Agency Zone 2 floodplains within 250m of the study site?	No					
7.2 Are there any Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	No					
7.3 What is the Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site?	Very Low					
7.4 Are there any Flood Defences within 250m of the study site?	No					
7.5 Are there any areas benefiting from Flood Defences within 250m of the study site?	No					
7.6 Are there any areas used for Flood Storage within 250m of the study site?	No					
7.7 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Potential below Surface					
7.8 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	High					

Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
8.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
8.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.5 Records of Ramsar sites	0	0	0	0	0	0
8.6 Records of Ancient Woodlands	0	0	0	0	0	0
8.7 Records of Local Nature Reserves (LNR)	0	0	0	0	0	1
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0

Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	0	0	0	0	0	0
8.14 Records of Green Belt land	0	0	0	0	0	0

Section 9: Natural Hazards	
9.1 What is the maximum risk of natural ground subsidence?	Very Low
9.1.1 What is the maximum Shrink-Swell hazard rating identified on the study site?	Negligible
9.1.2 What is the maximum Landslides hazard rating identified on the study site?	Very Low
9.1.3 What is the maximum Soluble Rocks hazard rating identified on the study site?	Negligible
9.1.4 What is the maximum Compressible Ground hazard rating identified on the study site?	Negligible
9.1.5 What is the maximum Collapsible Rocks hazard rating identified on the study site?	Very Low
9.1.6 What is the maximum Running Sand hazard rating identified on the study site?	Very Low
9.2 Radon	
9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.
9.2.2 Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?	No radon protective measures are necessary.

Section 10: Mining	
10.1 Are there any coal mining areas within 75m of the study site?	No
10.2 Are there any Non-Coal Mining areas within 50m of the study site boundary?	No
10.3 Are there any brine affected areas within 75m of the study site?	No

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licenses, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

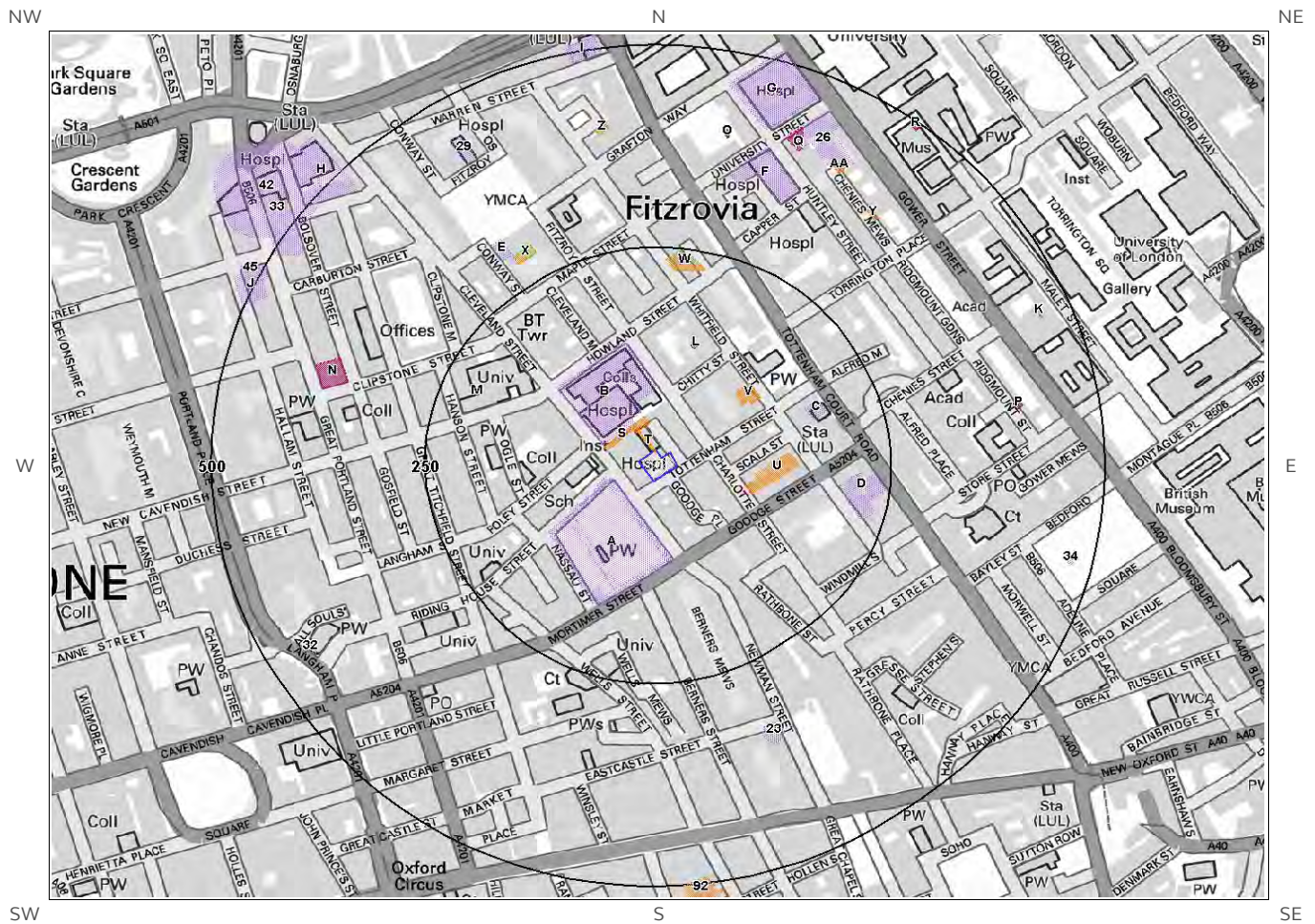
Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Land Use



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1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 45

ID	Distance [m]	Direction	Use	Date
1A	36	SW	Hospital	1882
2A	37	SW	Hospital	1895
3B	37	NW	Hospital	1968
4A	38	SW	Hospital	1989
5A	38	SW	Hospital	1968
6A	38	SW	Hospital	1957
7A	38	SW	Hospital	1973
8A	38	SW	Hospital	1948
9A	39	SW	Hospital	1920
10A	39	SW	Hospital	1938
11A	42	SW	Hospital	1895
12B	43	NW	Hospital	1973
13B	43	NW	Hospital	1989
14A	45	SW	Hospital	1898
15C	165	NE	London Transport Station	1989
16C	165	NE	London Transport Station	1973
17D	191	E	Police Station	1968
18D	191	E	Police Station	1989
19D	191	E	Police Station	1973
20D	198	E	Police Station	1957
21E	294	NW	Hospital	1989
22E	294	NW	Hospital	1973
23	327	SE	London Transport Station	1973
24F	333	NE	Hospital	1973
25F	336	N	Hospital	1968
26	398	NE	Hospital	1989
27G	413	N	Hospital	1920
28G	413	N	Hospital	1938
29	415	NW	Hospital	1989
30G	416	N	Hospital	1948
31G	416	N	Hospital	1957
32	440	SW	Unspecified Tank	1895
33	466	NW	Hospital	1911
34	470	E	Unspecified Tank	1948

35H	470	NW	Hospital	1973
36H	470	NW	Hospital	1989
37H	480	NW	Hospital	1968
38J	480	NW	Hospital	1898
39I	488	N	Electricity Railway Station	1948
40I	488	N	Unspecified Station	1920
41I	488	N	Unspecified Station	1938
42	489	NW	Hospital	1894
43J	489	NW	Hospital	1895
44I	494	N	London Transport Station	1989
45	498	NW	Hospital	1895

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

6

ID	Distance (m)	Direction	Use	Date
46K	460	NE	Unspecified Tank	1951
47K	460	NE	Unspecified Tank	1957
48K	460	NE	Unspecified Tank	1957
49K	460	NE	Unspecified Tank	1968
50K	460	NE	Unspecified Tank	1951
51K	460	NE	Unspecified Tank	1951

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

20

ID	Distance (m)	Direction	Use	Date
52L	131	N	Electricity Substation	1951
53L	131	N	Electricity Substation	1951
54L	131	N	Electricity Substation	1951
55M	204	NW	Electricity Substation	1951
56M	204	NW	Electricity Substation	1951
57N	353	W	Electricity House	1952
58N	354	W	Electricity House	1952

59O	394	N	Electricity Substation	1982
60O	394	N	Electricity Substation	1969
61O	395	N	Electricity Substation	1970
62O	398	N	Electricity Substation	1951
63O	398	N	Electricity Substation	1952
64P	399	E	Electricity Substation	1951
65P	400	E	Electricity Substation	1951
66Q	400	N	Electricity Substation	1999
67Q	400	N	Electricity Substation	1993
68Q	405	N	Electricity Substation	1985
69Q	416	N	Electricity Substation	1991
70R	490	NE	Electricity Substation	1951
71R	490	NE	Electricity Substation	1952

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary: 0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary: 21

ID	Distance (m)	Direction	Use	Date
72T	0	On Site	Garage	1993
73S	26	NW	Garage	1991
74S	26	NW	Garage	1990
75T	30	NW	Garage	1968
76S	31	NW	Garage	1973
77S	31	NW	Garage	1966
78U	83	E	Garage	1966
79U	84	E	Garage	1968
80V	102	NE	Garage	1966
81V	103	NE	Garage	1968
82W	222	N	Garage	1951
83W	223	N	Garages	1952
84X	280	NW	Garages	1952

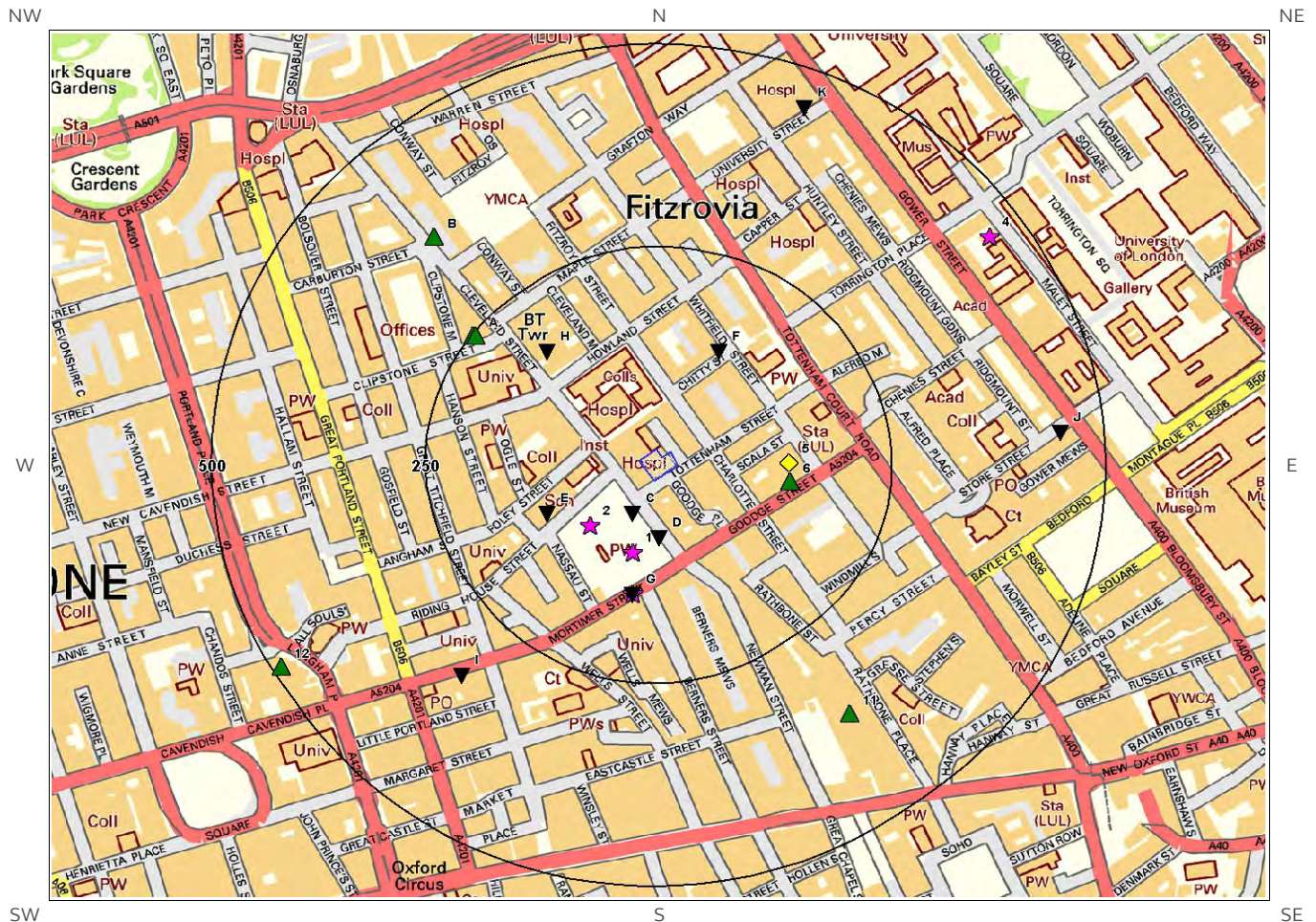
85X	280	NW	Garage	1951
86Y	372	NE	Garages	1952
87Y	373	NE	Garage	1951
88Z	394	N	Garage	1951
89Z	394	N	Garage	1952
90AA	396	NE	Garages	1952
91AA	397	NE	Garages	1951
92	491	S	Garage	1951

1.6 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 0

Database searched and no data found.

2. Environmental Permits, Incidents and Registers Map



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2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

0

Database searched and no data found.

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

1

The following List 2 Dangerous Substance Inventory Site records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
5	130	E	529483 181761	Name: Capital Fx Ltd Status: Not Active Receiving Water: - Authorised Substances: Silver

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

7

The following Part A(2) and Part B Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
6	132	E	529484 181737	Address: Parkers Dry Cleaning Ltd, 28 Goode Street, London, W1T 2QQ Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
7A	245	NW	529117 181917	Address: Jet Filling Station, 30 Clipstone Street, London, W1W 5DQ Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
8A	247	NW	529113 181916	Address: BP Filling Station, Clipstone Street, London, W1P 7DH Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
9B	364	NW	529068 182038	Address: Fitzroy Cleaners, 90 Cleveland Street, W1T 6NL Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
10B	364	NW	529068 182038	Address: Fitzroy Cleaners, 90 Cleveland Street, W1T 6NL Process: Dry Cleaning Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
11	367	SE	529553 181451	Address: Selfridges, 400 Oxford Street, London, W1A 1AB Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

ID	Distance (m)	Direction	NGR	Details
12	491	SW	528889 181508	Address: Langham Hotel, 1c Portland Place, London, W1B 1JA Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

56

The following RAS Licence (3 or 4) records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permis sion Number	Dates	Status
69C	47	SW	529300 181700	University College London Hospitals Nhs Foundation Trust,,the Middlesex Hospital,mortimer Street, London, W1T 3AA	Universit y College London Hospital s Nhs Foundati on Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AJ9954	Date of Approval:- Effective from:- Last date of update:2005-01-06	Valid
70C	47	SW	529300 181700	Covidien Uk Commercial Ltd,,the Middlesex Hospital,mortimer Street, London, W1T 3AA	Covidien Uk Commer cial Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BV2271	Date of Approval:27/5/2004 Effective from:27/5/2004 Last date of update:2015-01-01	Superseded By Variation
71C	47	SW	529300 181700	University College London Hospitals Nhs Foundation Trust,,the Middlesex Hospital,mortimer Street, London, W1T 3AA	Universit y College London Hospital s Nhs Foundati on Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AJ9954	Date of Approval:27/5/1993 Effective from:27/5/1993 Last date of update:2015-01-01	Superseded By Variation
72C	47	SW	529300 181700	University College London Hospitals Nhs Foundation Trust,,the Middlesex Hospital,mortimer Street, London, W1T 3AA	Universit y College London Hospital s Nhs Foundati on Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AJ9954	Date of Approval:25/7/2001 Effective from:25/7/2001 Last date of update:2015-01-01	Superseded By Variation
73C	47	SW	529300 181700	Covidien Uk Commercial Ltd, The Middlesex Hospital, Mortimer Street, London, W1T 3AA	Covidien Uk Commer cial Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BV2107	Date of Approval:27/5/2004 Effective from:24/6/2004 Last date of update:2015-01-01	Revoked/ca ncelled

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
74C	47	SW	529300 181700	Covidien Uk Commercial Ltd,,the Middlesex Hospital,mortimer Street, London, W1T 3AA	Covidien Uk Commercial Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BV2271	Date of Approval:20/9/2004 Effective from:20/9/2004 Last date of update:2015-01-01	Revoked/cancelled
75C	47	SW	529300 181700	University College London Hospitals Nhs Foundation Trust,,the Middlesex Hospital,mortimer Street, London, W1T 3AA	University College London Hospitals Nhs Foundation Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AJ9954	Date of Approval:14/7/2005 Effective from:14/7/2005 Last date of update:2015-01-01	Revoked/cancelled
76D	70	S	529330 181670	Rodaris Pharmaceuticals Ltd, Arthur Stanley House, 6th Floor,45-50 Tottenham Street, London, W1T 4RN	Rodaris Pharmaceuticals Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BE9829	Date of Approval:18/6/2002 Effective from:18/6/2002 Last date of update:2015-01-01	Revoked/cancelled
77D	70	S	529330 181670	Rodaris Pharmaceuticals Ltd, Arthur Stanley House, 6th Floor, 45-50 Tottenham Street, London, W1T 4RN	Rodaris Pharmaceuticals Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BE9837	Date of Approval:19/5/1999 Effective from:14/6/1999 Last date of update:2015-01-01	Superseded By Variation
78D	70	S	529330 181670	Rodaris Pharmaceuticals Ltd, Arthur Stanley House, 6th Floor,45-50 Tottenham Street, London, W1T 4RN	Rodaris Pharmaceuticals Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BE9829	Date of Approval:19/5/1999 Effective from:19/5/1999 Last date of update:2015-01-01	Superseded By Variation
79D	70	S	529330 181670	Rodaris Pharmaceuticals Ltd, Arthur Stanley House, 6th Floor,45-50 Tottenham Street, London, W1T 4RN	Rodaris Pharmaceuticals Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BE9829	Date of Approval:16/7/2001 Effective from:16/7/2001 Last date of update:2015-01-01	Superseded By Variation
80D	70	S	529330 181670	Rodaris Pharmaceuticals Ltd, Arthur Stanley House, 6th Floor, 45-50 Tottenham Street, London, W1T 4RN	Rodaris Pharmaceuticals Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BE9837	Date of Approval:18/6/2002 Effective from:14/7/2002 Last date of update:2015-01-01	Revoked/cancelled
81D	70	S	529330 181670	Rodaris Pharmaceuticals Ltd, Arthur Stanley House, 6th Floor, 45-50 Tottenham Street, London, W1T 4RN	Rodaris Pharmaceuticals Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BE9837	Date of Approval:16/7/2001 Effective from:13/8/2001 Last date of update:2015-01-01	Superseded By Variation

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
82E	125	SW	529200 181700	University College London, Tottenham Street, Riding House Street, Cleveland Street, London, WC1	University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AS5920	Date of Approval:20/2/2007 Effective from:20/3/2007 Last date of update:2015-01-01	Effective
83E	125	SW	529200 181700	University College London, Tottenham Street, Riding House Street, Cleveland Street, London, WC1	University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AS5920	Date of Approval:4/1/2006 Effective from:4/1/2006 Last date of update:2015-01-01	Superseded By Variation
84E	125	SW	529200 181700	University College London, Tottenham Street, Riding House Street, Cleveland Street, London, WC1	University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AS5920	Date of Approval:19/12/1997 Effective from:1/1/1998 Last date of update:2015-01-01	Superseded By Variation
85E	125	SW	529200 181700	University College London, Tottenham Street, Riding House Street, Cleveland Street, London, WC1	University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AS5920	Date of Approval:14/8/1995 Effective from:8/9/1995 Last date of update:2015-01-01	Superseded By Variation
86E	125	SW	529200 181700	University College London, Tottenham Street, Riding House Street, Cleveland Street, London, WC1	University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AS5920	Date of Approval:15/1/1996 Effective from:16/1/1996 Last date of update:2015-01-01	Superseded By Variation
87E	125	SW	529200 181700	University College London, Tottenham Street, Riding House Street, Cleveland Street, London, WC1	University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AS5920	Date of Approval:1/12/2003 Effective from:1/1/2004 Last date of update:2015-01-01	Superseded By Variation
88F	136	NE	529400 181900	University College London Hospitals Nhs Foundation Trust, 60 Whitfield Street, London, W1T 4EU	University College London Hospitals Nhs Foundation Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BV4347	Date of Approval:12/11/2003 Effective from:12/11/2003 Last date of update:2015-01-01	Superseded By Variation
89F	136	NE	529400 181900	University College London Hospitals Nhs Foundation Trust, 60 Whitfield Street, London, W1T 4EU	University College London Hospitals Nhs Foundation Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BV4355	Date of Approval:- Effective from:- Last date of update:2005-01-06	Valid

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
90F	136	NE	529400 181900	University College London Hospitals Nhs Foundation Trust, 60 Whitfield Street, London, W1T 4EU	University College London Hospitals Nhs Foundation Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BV4347	Date of Approval:25/4/2005 Effective from:25/4/2005 Last date of update:2015-01-01	Effective
91F	136	NE	529400 181900	University College London Hospitals Nhs Foundation Trust, 60 Whitfield Street, London, W1T 4EU	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BV4274	Date of Approval:12/11/2003 Effective from:10/12/2003 Last date of update:2015-01-01	Superseded By Variation
92F	136	NE	529400 181900	University College London Hospitals Nhs Foundation Trust, 60 Whitfield Street, London, W1T 4EU	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BV4274	Date of Approval:25/4/2005 Effective from:23/5/2005 Last date of update:2015-01-01	Superseded By Variation
93F	136	NE	529400 181900	University College London Hospitals Nhs Foundation Trust, 60 Whitfield Street, London, W1T 4EU	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BV4274	Date of Approval:9/12/2005 Effective from:9/12/2005 Last date of update:2015-01-01	Effective
94G	142	S	529300 181600	University College London Hospitals Nhs Foundation Trust, The Middlesex Hospital, London, W1T 3AA	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0230	Date of Approval:9/12/2005 Effective from:9/12/2005 Last date of update:2015-01-01	Revoked/cancelled
95G	142	S	529300 181600	University College London Hospitals Nhs Foundation Trust, The Middlesex Hospital, London, W1T 3AA	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0230	Date of Approval:14/7/2005 Effective from:14/7/2005 Last date of update:2015-01-01	Superseded By Variation
96G	142	S	529300 181600	University College London Hospitals Nhs Foundation Trust, The Middlesex Hospital, Mortimer Street, London, W1T 3AA	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0230	Date of Approval:- Effective from:- Last date of update:2005-01-06	Valid
97G	142	S	529300 181600	Mallinckrodt Medical Holdings UK Ltd, Mallinckrodt Radiopharmacy, The Middlesex Hospital, London, W1T 3AA	Mallinckrodt Medical Holdings UK Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BB0027	Date of Approval:24/6/1998 Effective from:23/7/1998 Last date of update:2015-01-01	Revoked/cancelled

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
98G	142	S	529300 181600	University College London Hospitals Nhs Foundation Trust, The Middlesex Hospital, London, W1T 3AA	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0230	Date of Approval:4/4/2002 Effective from:2/5/2002 Last date of update:2015-01-01	Superseded By Variation
99G	142	S	529300 181600	Mallinckrodt Medical Holdings Uk Ltd, Mallinckrodt Radiopharmacy,the Middlesex Hospital, London, W1T 3AA	Mallinckrodt Medical Holdings Uk Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BB0035	Date of Approval:24/6/1998 Effective from:24/6/1998 Last date of update:2015-01-01	Revoked/cancelled
100H	174	NW	529200 181900	University Of Westminster, Cavendish Campus, 115 New Cavendish Street, London, W1W 6UW	University Of Westminster	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AE0983	Date of Approval:5/6/2003 Effective from:3/7/2003 Last date of update:2015-01-01	Effective
101H	174	NW	529200 181900	University Of Westminster, Cavendish Campus, 115 New Cavendish Street, London, W1W 6UW	University Of Westminster	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AE0983	Date of Approval:31/3/1991 Effective from:31/3/1991 Last date of update:2015-01-01	Superseded By Variation
102H	174	NW	529200 181900	University Of Westminster, Cavendish Campus, 115 New Cavendish Street, London, W1W 6UW	University Of Westminster	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AE0991	Date of Approval:5/6/2003 Effective from:5/6/2003 Last date of update:2015-01-01	Effective
103I	329	SW	529100 181500	Ludwig Institute For Cancer Research, Courtauld Building, 91 Riding House Street, London, W1P 8BT	Ludwig Institute For Cancer Research	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4708	Date of Approval:20/2/1996 Effective from:11/3/1996 Last date of update:2015-01-01	Superseded By Variation
104I	329	SW	529100 181500	Ludwig Institute For Cancer Research, Courtauld Building, 91 Riding House Street, London, W1P 8BT	Ludwig Institute For Cancer Research	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4708	Date of Approval:16/9/1996 Effective from:9/10/1996 Last date of update:2015-01-01	Superseded By Variation
105I	329	SW	529100 181500	Ludwig Institute For Cancer Research, Courtauld Building, 91 Riding House Street, London, W1P 8BT	Ludwig Institute For Cancer Research	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AC4716	Date of Approval:16/7/2001 Effective from:16/7/2001 Last date of update:2015-01-01	Revoked/cancelled

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
106I	329	SW	529100 181500	Ludwig Institute For Cancer Research, Courtauld Building, 91 Riding House Street, London, W1P 8BT	Ludwig Institute For Cancer Research	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4708	Date of Approval:1/12/2003 Effective from:1/1/2004 Last date of update:2015-01-01	Superseded By Variation
107I	329	SW	529100 181500	Ludwig Institute For Cancer Research, Courtauld Building, 91 Riding House Street, London, W1P 8BT	Ludwig Institute For Cancer Research	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4708	Date of Approval:4/1/2006 Effective from:4/1/2006 Last date of update:2015-01-01	Revoked/cancelled
108I	329	SW	529100 181500	Ludwig Institute For Cancer Research, Courtauld Building, 91 Riding House Street, London, W1P 8BT	Ludwig Institute For Cancer Research	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4708	Date of Approval:31/3/1991 Effective from:31/3/1991 Last date of update:2015-01-01	Superseded By Variation
109I	329	SW	529100 181500	Ludwig Institute For Cancer Research, Courtauld Building, 91 Riding House Street, London, W1P 8BT	Ludwig Institute For Cancer Research	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4708	Date of Approval:13/8/2001 Effective from:10/9/2001 Last date of update:2015-01-01	Superseded By Variation
110I	329	SW	529100 181500	Ludwig Institute For Cancer Research, Courtauld Building, 91 Riding House Street, London, W1P 8BT	Ludwig Institute For Cancer Research	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AC4716	Date of Approval:28/3/1995 Effective from:28/3/1995 Last date of update:2015-01-01	Superseded By Variation
111J	448	E	529800 181800	London School Of Hygiene And Tropical Medicine, Keppel Street, London, WC1E 7HT	London School Of Hygiene And Tropical Medicine	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0531	Date of Approval:26/1/1996 Effective from:27/1/1996 Last date of update:2015-01-01	Superseded By Variation
112J	448	E	529800 181800	London School Of Hygiene And Tropical Medicine, Keppel Street, London, WC1E 7HT	London School Of Hygiene And Tropical Medicine	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0531	Date of Approval:20/9/2004 Effective from:18/10/2004 Last date of update:2015-01-01	Superseded By Variation
113J	448	E	529800 181800	London School Of Hygiene And Tropical Medicine, Keppel Street, London, WC1E 7HT	London School Of Hygiene And Tropical Medicine	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0531	Date of Approval:1/12/2003 Effective from:1/1/2004 Last date of update:2015-01-01	Superseded By Variation

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
114J	448	E	529800 181800	London School Of Hygiene And Tropical Medicine, Keppel Street, London, WC1E 7HT	London School Of Hygiene And Tropical Medicine	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AA0540	Date of Approval:5/11/1993 Effective from:5/11/1993 Last date of update:2015-01-01	Superseded By Variation
115J	448	E	529800 181800	London School Of Hygiene And Tropical Medicine, Keppel Street, London, WC1E 7HT	London School Of Hygiene And Tropical Medicine	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0531	Date of Approval:5/1/2006 Effective from:5/1/2006 Last date of update:2015-01-01	Effective
116J	448	E	529800 181800	London School Of Hygiene And Tropical Medicine, Keppel Street, London, WC1E 7HT	London School Of Hygiene And Tropical Medicine	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AA0540	Date of Approval:11/5/2005 Effective from:11/5/2005 Last date of update:2015-01-01	Effective
117K	452	N	529500 182200	University College London Hospitals Nhs Foundation Trust, University College Hospital, Gower Street, London, WC1E 6AU	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0256	Date of Approval:24/1/2006 Effective from:21/2/2006 Last date of update:2015-01-01	Revoked/cancelled
118K	452	N	529500 182200	University College London Hospitals Nhs Foundation Trust, University College Hospital, Gower Street, London, WC1E 6AU	University College London Hospitals Nhs Foundation Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AC4406	Date of Approval:18/12/2000 Effective from:18/12/2000 Last date of update:2015-01-01	Superseded By Variation
119K	452	N	529500 182200	University College London Hospitals Nhs Foundation Trust, University College Hospital, Gower Street, London, WC1E 6AU	University College London Hospitals Nhs Foundation Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AC4406	Date of Approval:29/4/2002 Effective from:29/4/2002 Last date of update:2015-01-01	Revoked/cancelled
120K	452	N	529500 182200	University College London Hospitals Nhs Foundation Trust, University College Hospital, Gower Street, London, WC1E 6AU	University College London Hospitals Nhs Foundation Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AC4406	Date of Approval:- Effective from:- Last date of update:2005-01-06	Valid
121K	452	N	529500 182200	University College London Hospitals Nhs Foundation Trust, University College Hospital, Gower Street, London, WC1E 6AU	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0256	Date of Approval:19/9/2002 Effective from:17/10/2002 Last date of update:2015-01-01	Superseded By Variation

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
122K	452	N	529500 182200	University College And Middlesex School Of Medicine, University College London Of Medicine, Middlesex Hospital Site, London, W1	University College And Middlesex School Of Medicine	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AD9691	Date of Approval:31/3/1991 Effective from:31/3/1991 Last date of update:2015-01-01	Revoked/cancelled
123K	452	N	529500 182200	University College London Hospitals Nhs Foundation Trust, University College Hospital, Gower Street, London, WC1E 6AU	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0256	Date of Approval:- Effective from:- Last date of update:2005-01-06	Valid
124K	452	N	529500 182200	University College London Hospitals Nhs Foundation Trust, University College Hospital, Gower Street, London, WC1E 6AU	University College London Hospitals Nhs Foundation Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA0256	Date of Approval:18/12/2000 Effective from:18/1/2001 Last date of update:2015-01-01	Superseded By Variation

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

0

Database searched and no data found.

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

0

Database searched and no data found.

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

4

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
1	92	S	529299 181651	Incident Date: 02-Aug-2002 Incident Identification: 96824 Pollutant: Inorganic Chemicals/Products Pollutant Description: Acids Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
2	94	SW	529249 181685	Incident Date: 29-Oct-2001 Incident Identification: 41360 Pollutant: Specific Waste Materials Pollutant Description: Clinical Waste Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3G	142	S	529300 181600	Incident Date: 28-Nov-2001 Incident Identification: 45407 Pollutant: Specific Waste Materials Pollutant Description: Clinical Waste Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
4	457	NE	529717 182041	Incident Date: 24-Apr-2003 Incident Identification: 153692 Pollutant: Organic Chemicals/Products Pollutant Description: Surfactants and Detergents Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

Database searched and no data found.

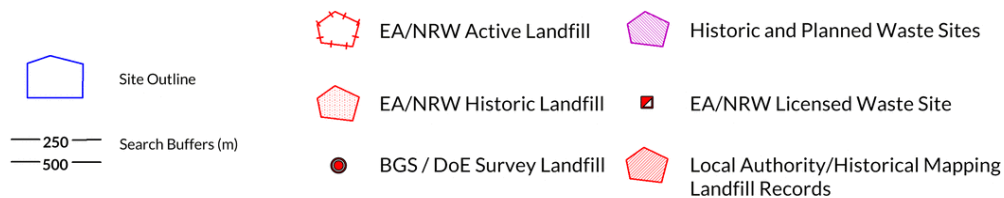
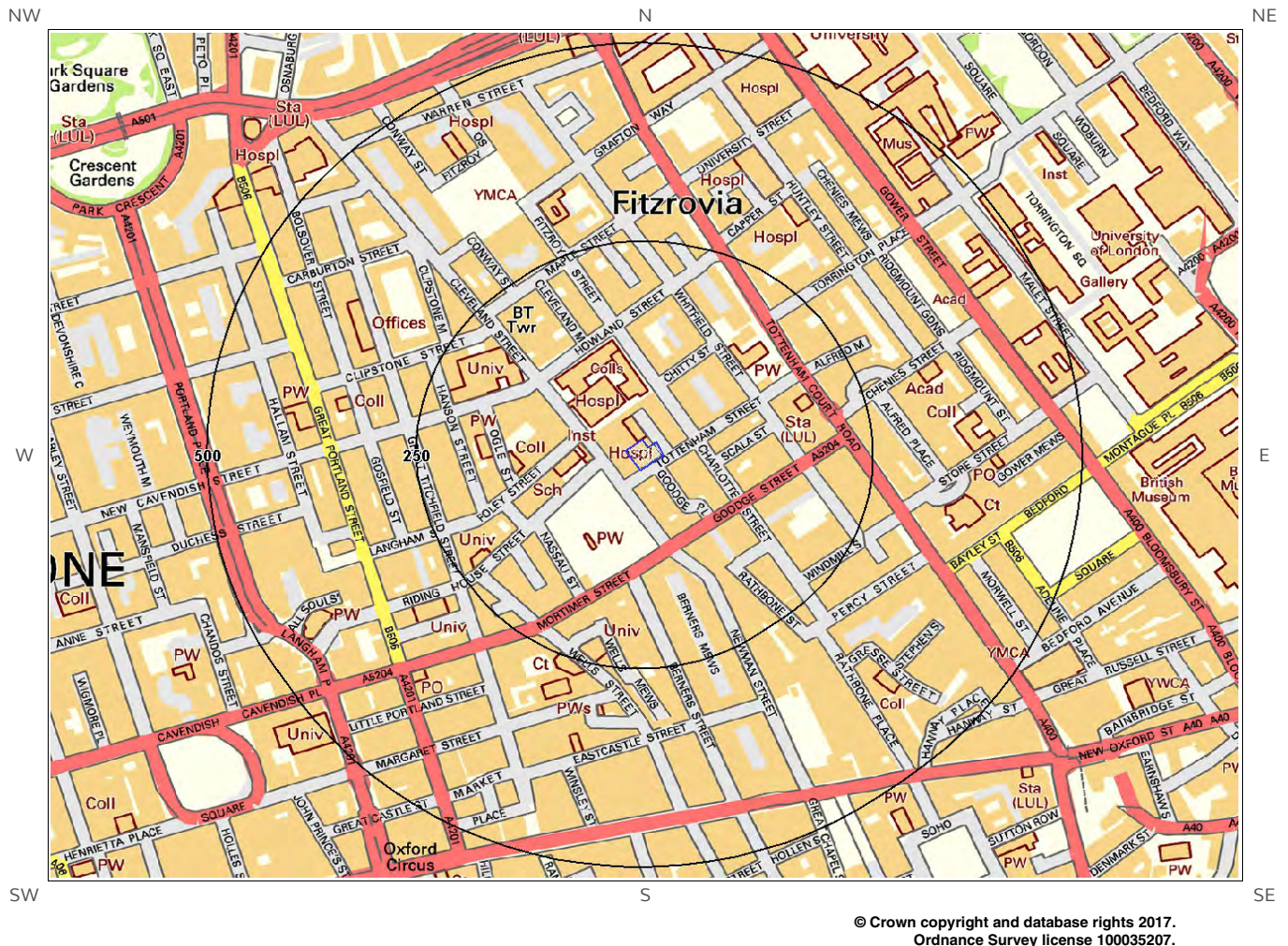
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

How many records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site?

0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

0

Database searched and no data found.

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

1

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1466	E	530700 181200	Site Address: Portugal Street, Lincoln's Inn Fields, London WC2A Waste Licence: - Site Reference: IMP006 Waste Type: - Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

0

Database searched and no data found.

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

0

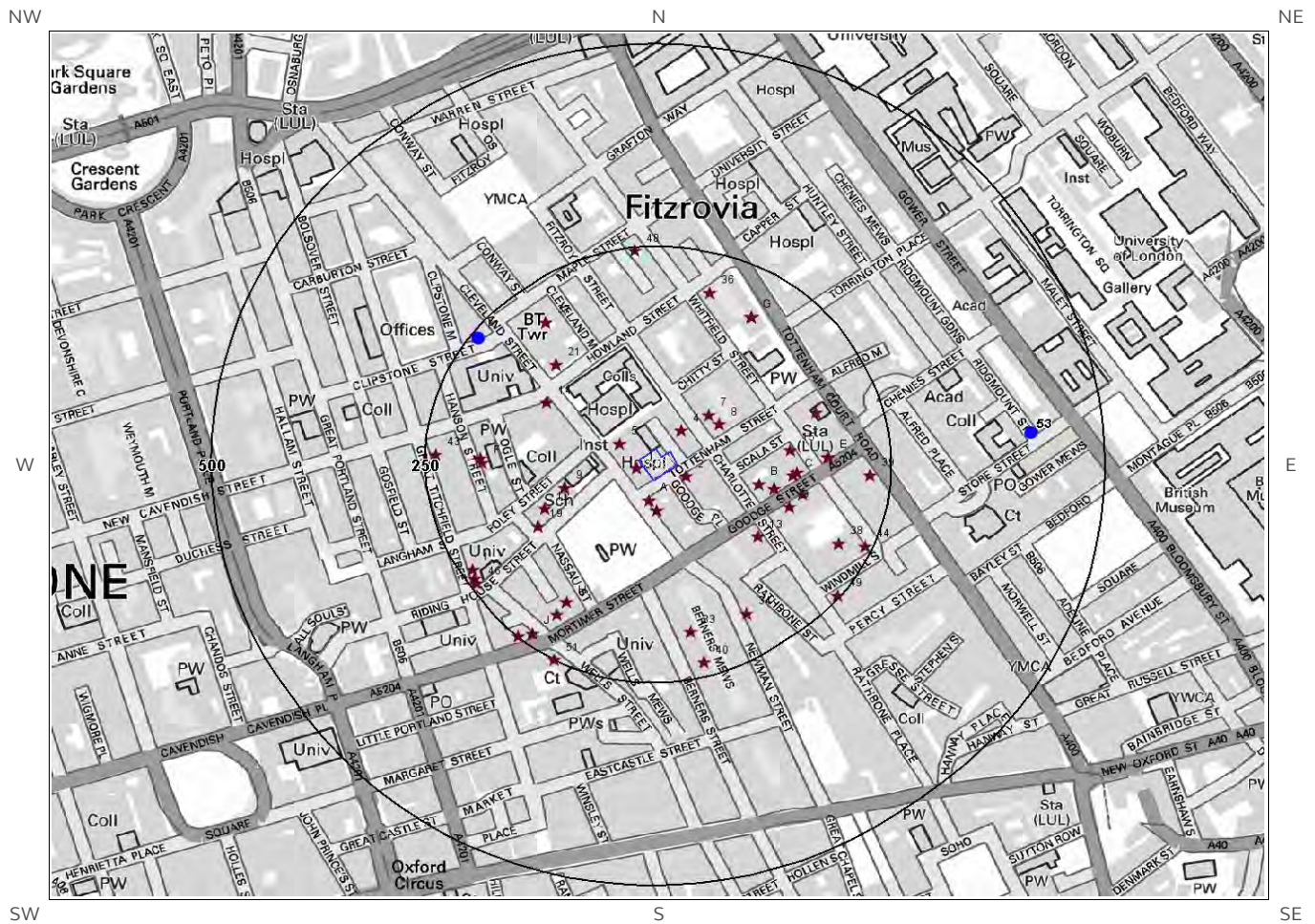
Database searched and no data found.

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

0

Database searched and no data found.

4. Current Land Use Map



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4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

51

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	7	SW	Buy a Car	529305 181754	Buy a Car, 30, Cleveland Street, London, W1T 4JD	New Vehicles	Motoring
2	17	SE	Lovefone	529362 181744	Lovefone, 37, Tottenham Street, London, W1T 4RU	Electrical Equipment Repair and Servicing	Repair and Servicing
3A	25	S	Taylors	529319 181715	Taylors, 22, Cleveland Street, London, W1T 4JB	Clothing, Components and Accessories	Consumer Products
4	29	NE	P E C Video Ltd	529356 181801	P E C Video Ltd, 83, Charlotte Street, London, W1T 4PR	Electronic Equipment	Industrial Products
5	32	NW	Science Navigation Group	529284 181785	Science Navigation Group, Middlesex House 34-42, Cleveland Street, London, W1T 4LB	Published Goods	Industrial Products
6A	37	S	Excellent Litho	529328 181702	Excellent Litho, 18, Cleveland Street, London, W1T 4HZ	Plate Makers, Print Finishers and Type Setters	IT, Advertising, Marketing and Media Services
7	64	NE	Inter Voice Over	529389 181820	Inter Voice Over, 72, Charlotte Street, London, W1T 4QQ	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
8	66	NE	Central Bikes	529401 181809	Central Bikes, 68, Charlotte Street, London, W1T 4QF	New Vehicles	Motoring
9	93	W	Elliott Wood	529221 181731	Elliott Wood, 46-48, Foley Street, London, W1W 7TY	Civil Engineers	Engineering Services
10B	97	E	Music 4	529447 181735	Music 4, 48, Charlotte Street, London, W1T 2NS	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
11B	116	E	I T Clinic	529466 181730	I T Clinic, Flat 1-4 38, Goodge Street, London, W1T 2QW	Electrical Equipment Repair and Servicing	Repair and Servicing
12	125	SW	Teamwork	529197 181704	Teamwork, 41-42, Foley Street, London, W1W 7JN	Photographic and Optical Equipment	Household, Office, Leisure and Garden
13	129	SE	Yog	529446 181670	Yog, 43-45, Charlotte Street, London, W1T 1RS	Dairy Products	Foodstuffs
14	129	NW	Mane UK Ltd	529200 181835	Mane UK Ltd, 166, New Cavendish Street, London, W1W 6NN	Cosmetics, Toiletries and Perfumes	Consumer Products
15	133	E	Tsunami Axis	529484 181777	Tsunami Axis, 24-25, Scala Street, London, W1T 2HP	Office and Shop Equipment	Industrial Products
16C	135	E	Loud & Clear Voices Ltd	529487 181746	Loud & Clear Voices Ltd, 26, Goodge Street, London, W1T 2QG	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
17C	139	E	We Computing	529492 181749	We Computing, 24, Goodge Street, London, W1T 2QF	Electrical Equipment Repair and Servicing	Repair and Servicing
18D	140	E	Mac & P C Services	529483 181707	Mac & P C Services, Flat 35, Goodge Street, London, W1T 2PT	Electrical Equipment Repair and Servicing	Repair and Servicing
19	143	SW	Trolley Books & T J Boulting Art Gallery	529189 181683	Trolley Books & T J Boulting Art Gallery, 59, Riding House Street, London, W1W 7EG	Published Goods	Industrial Products
20D	150	E	Quartet Books	529499 181722	Quartet Books, 27, Goodge Street, London, W1T 2LD	Published Goods	Industrial Products
21	153	NW	Telephone Exchange	529211 181883	Telephone Exchange, W1T	Telecommunications Features	Infrastructure and Facilities
22	174	E	Goodge Street	529515 181824	Goodge Street, Group Station Managers Office 75, Tottenham Court Road, London, W1T 2HF	Underground Network Stations	Public Transport, Stations and Infrastructure
23E	176	E	118 118	529529 181768	118 118, Whitfield Court 30-32, Whitfield Street, London, W1T 2RQ	Published Goods	Industrial Products
24E	176	E	Sinclair I S Pharma	529529 181768	Sinclair I S Pharma, Whitfield Court 30-32, Whitfield Street, London, W1T 2RQ	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
25E	176	E	Ekorner Ltd	529529 181768	Ekorner Ltd, Kings Court 2-16, Goodge Street, London, W1T 2QA	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
26H	181	SW	Hildebrand	529223 181589	Hildebrand, 16, Mortimer Street, London, W1T 3JL	Electronic Equipment	Industrial Products
27F	184	W	Proeconomy	529123 181762	Proeconomy, 18a, Hanson Street, London, W1W 6UE	Air and Water Filtration	Industrial Products
28F	186	W	Euro by Design	529122 181767	Euro by Design, 20, Hanson Street, London, W1W 6UF	Clothing, Components and Accessories	Consumer Products
29G	191	NE	Feather & Black Ltd	529438 181941	Feather & Black Ltd, 83, Tottenham Court Road, London, W1T 4SZ	Beds and Bedding	Consumer Products
30G	191	NE	Regus Plc	529438 181941	Regus Plc, 85, Tottenham Court Road, London, W1T 4TQ	Business Parks and Industrial Estates	Industrial Features
31G	191	NE	Designer Curtains	529438 181941	Designer Curtains, 82, Tottenham Court Road, London, W1T 4TF	Curtains and Blinds	Consumer Products
32G	191	NE	Pressgang	529438 181941	Pressgang, 85, Tottenham Court Road, London, W1T 4TQ	Published Goods	Industrial Products
33	191	S	Music Publishers Association	529368 181553	Music Publishers Association, British Music House 25-27, Berners Street, London, W1T 3LR	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
34	196	SE	Montel	529433 181575	Montel, 33, Newman Street, London, W1T 1PY	Published Goods	Industrial Products
35H	200	SW	Carlton Books	529211 181574	Carlton Books, 20-22, Mortimer Street, London, W1T 3JW	Published Goods	Industrial Products

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
36	202	N	Flyeralarm	529390 181971	Flyeralarm, 11, Howland Street, London, W1T 4BU	Published Goods	Industrial Products
37	203	NW	Telephone Exchange	529198 181935	Telephone Exchange, W1T	Telecommunications Features	Infrastructure and Facilities
38	211	SE	Works	529541 181662	Works, W1T	Unspecified Works Or Factories	Industrial Features
39	225	E	Galaxy Repairs & Spares	529577 181746	Galaxy Repairs & Spares, 60, Tottenham Court Road, London, W1T 2EW	Electrical Equipment Repair and Servicing	Repair and Servicing
40	232	S	Blue Clothing Co Ltd	529384 181515	Blue Clothing Co Ltd, 21, Berners Street, London, W1T 3LP	Clothing, Components and Accessories	Consumer Products
41J	236	SW	Autistica	529183 181551	Autistica, 26, Mortimer Street, London, W1W 7RB	Dental and Medical Laboratories	Health Practitioners and Establishments
42I	236	SW	Ann Reeves & Co	529113 181630	Ann Reeves & Co, 78, Great Titchfield Street, London, W1W 7QS	Clothing, Components and Accessories	Consumer Products
43	238	W	Beetroot	529069 181771	Beetroot, 118-120, Great Titchfield Street, London, W1W 6SS	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
44	241	SE	Adam B	529572 181658	Adam B, 32, Windmill Street, London, W1T 2JW	Published Goods	Industrial Products
45I	241	SW	No Sheet Music	529115 181618	No Sheet Music, 74, Great Titchfield Street, London, W1W 7QP	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
46	243	SW	Cargo Expert Ltd	529117 181613	Cargo Expert Ltd, 72a, Great Titchfield Street, London, W1W 7QW	Distribution and Haulage	Transport, Storage and Delivery
47K	245	NW	Clipstone Street Service Station	529117 181917	Clipstone Street Service Station, 30, Clipstone Street, London, W1W 5DQ	Petrol and Fuel Stations	Road and Rail
48	246	N	Electricity Sub Station	529303 182023	Electricity Sub Station, W1T	Electrical Features	Infrastructure and Facilities
49	246	SE	Flatrate Moving	529540 181598	Flatrate Moving, 2, Windmill Street, London, W1T 2HX	Container and Storage	Transport, Storage and Delivery
50J	249	SW	Worldwide Reinsurance	529166 181547	Worldwide Reinsurance, Informa House 30-32, Mortimer Street, London, W1W 7RE	Published Goods	Industrial Products
51	250	SW	Brown-forman	529208 181518	Brown-forman, 45, Mortimer Street, London, W1W 8HJ	Alcoholic Drinks	Foodstuffs

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

2

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
52K	241	NW	529120 181915	Unbranded	Clipstone Street Service Station, 30, Clipstone Street, Clipstone Street, Marylebone, London, Inner London, W1W 5DQ	No	Closed
53	415	E	529767 181798	Obsolete	Store Street Service Station, 6, Store Street, Store Street, Richmond Street, London, Inner London, WC1E 7DQ	Not Applicable	Obsolete

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site:

0

Database searched and no data found.

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site:

0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL

5.3 Bedrock and Solid Geology

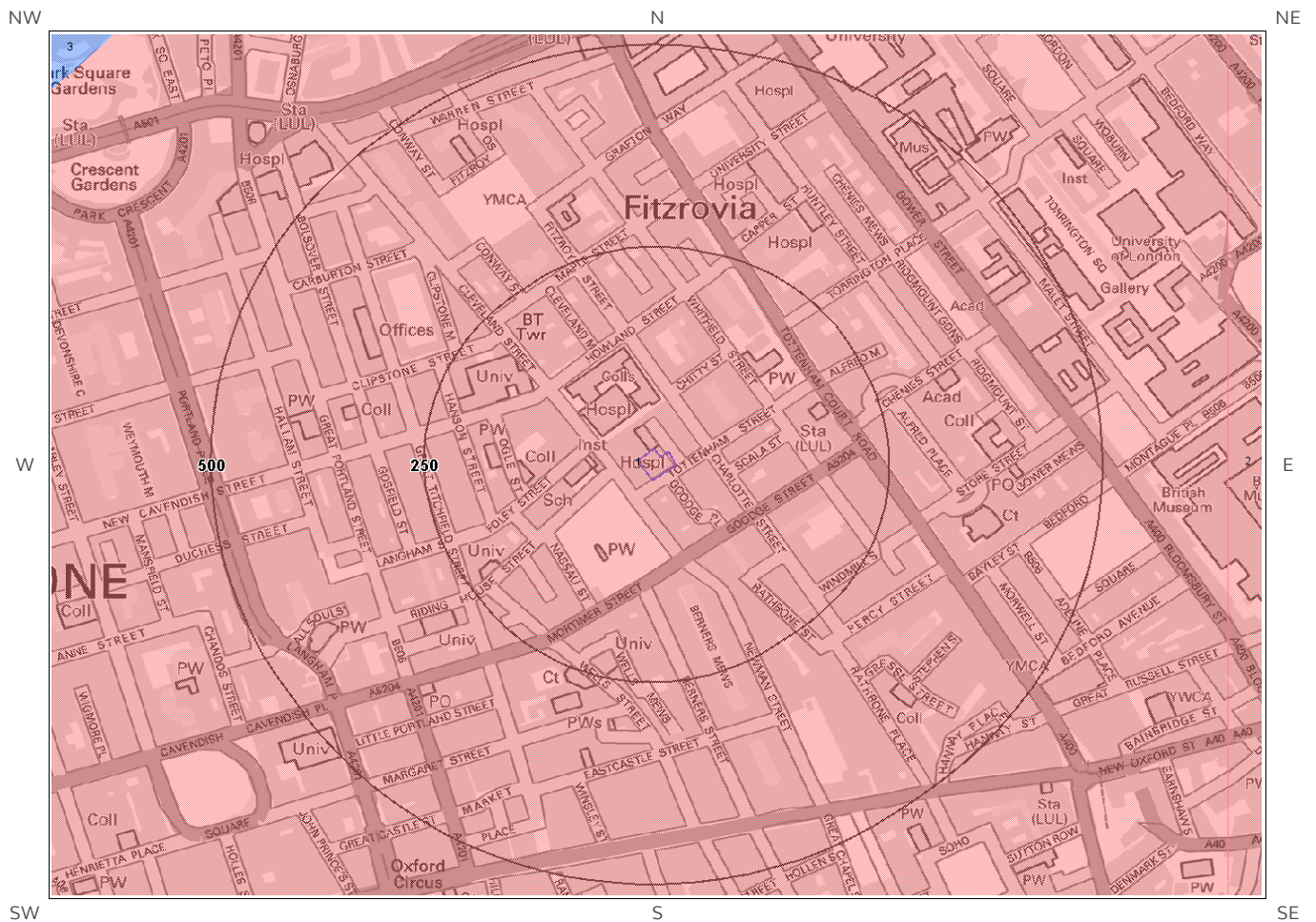
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
LC-XCZS	LONDON CLAY FORMATION	CLAY, SILT AND SAND

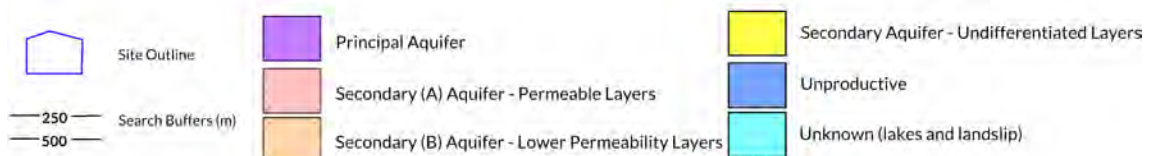
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

6a. Aquifer Within Superficial Geology



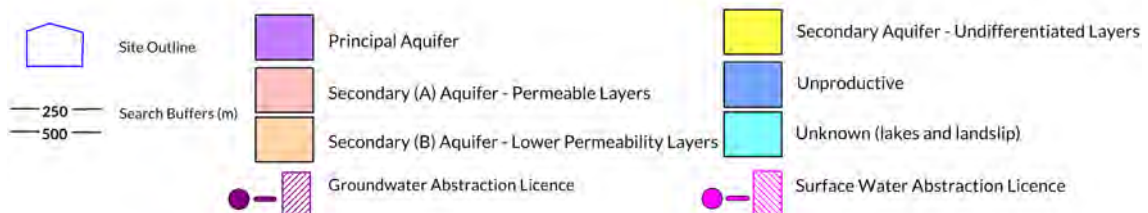
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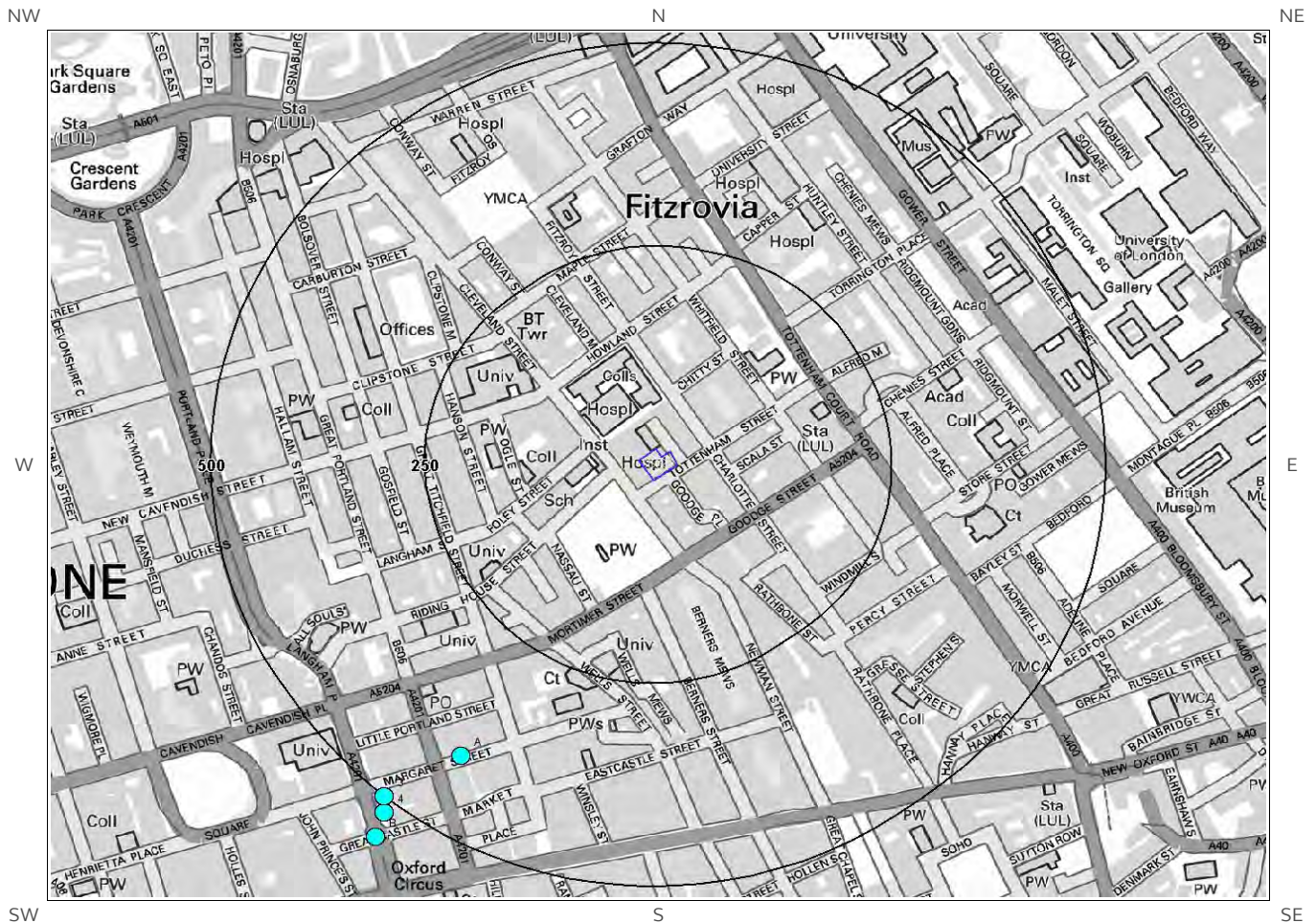
6b. Aquifer Within Bedrock Geology and Abstraction Licenses



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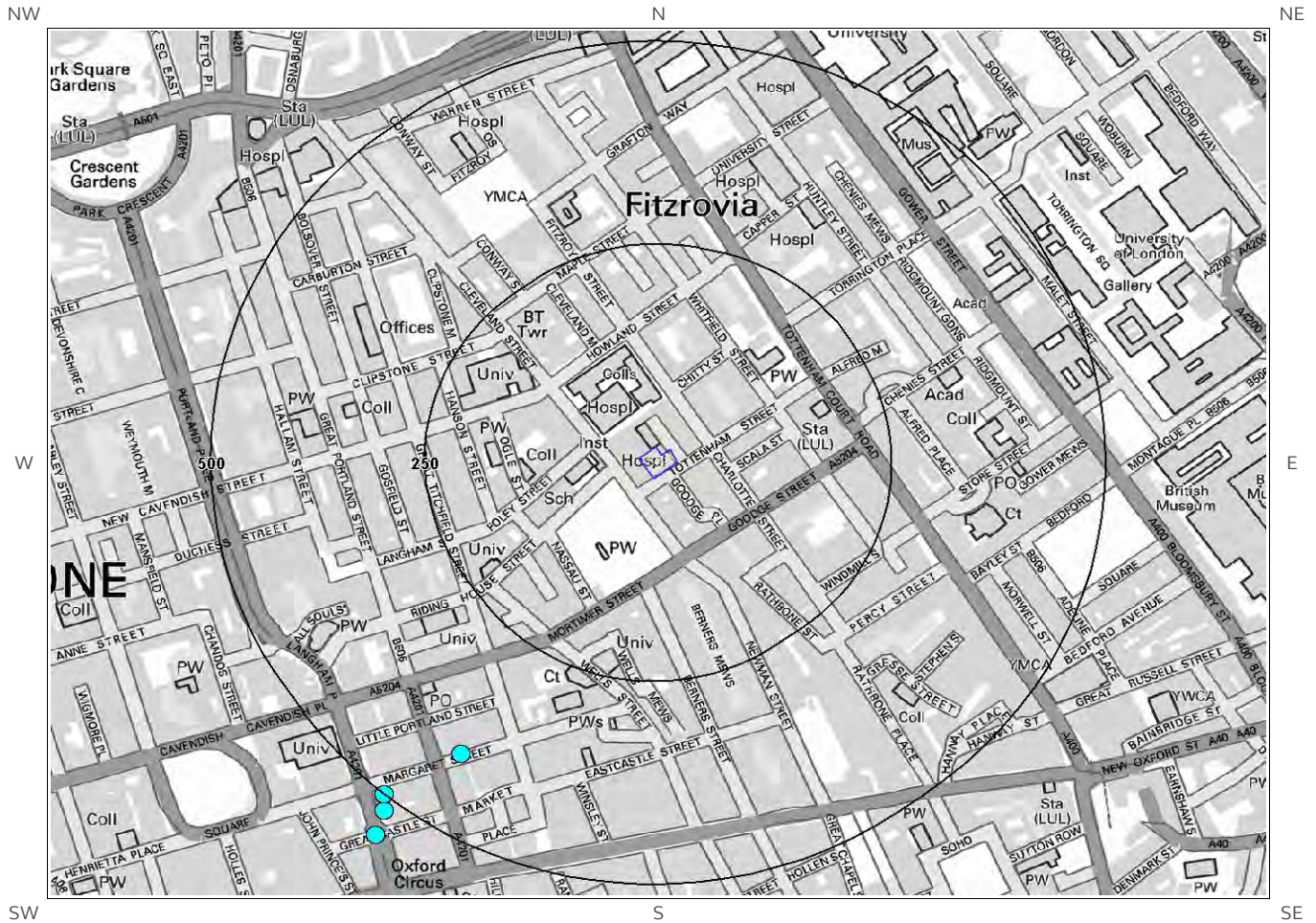


6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses

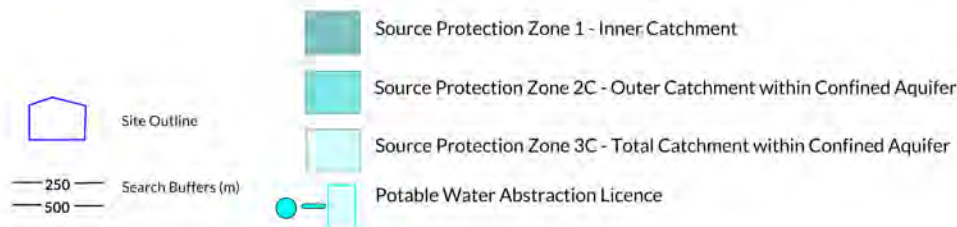


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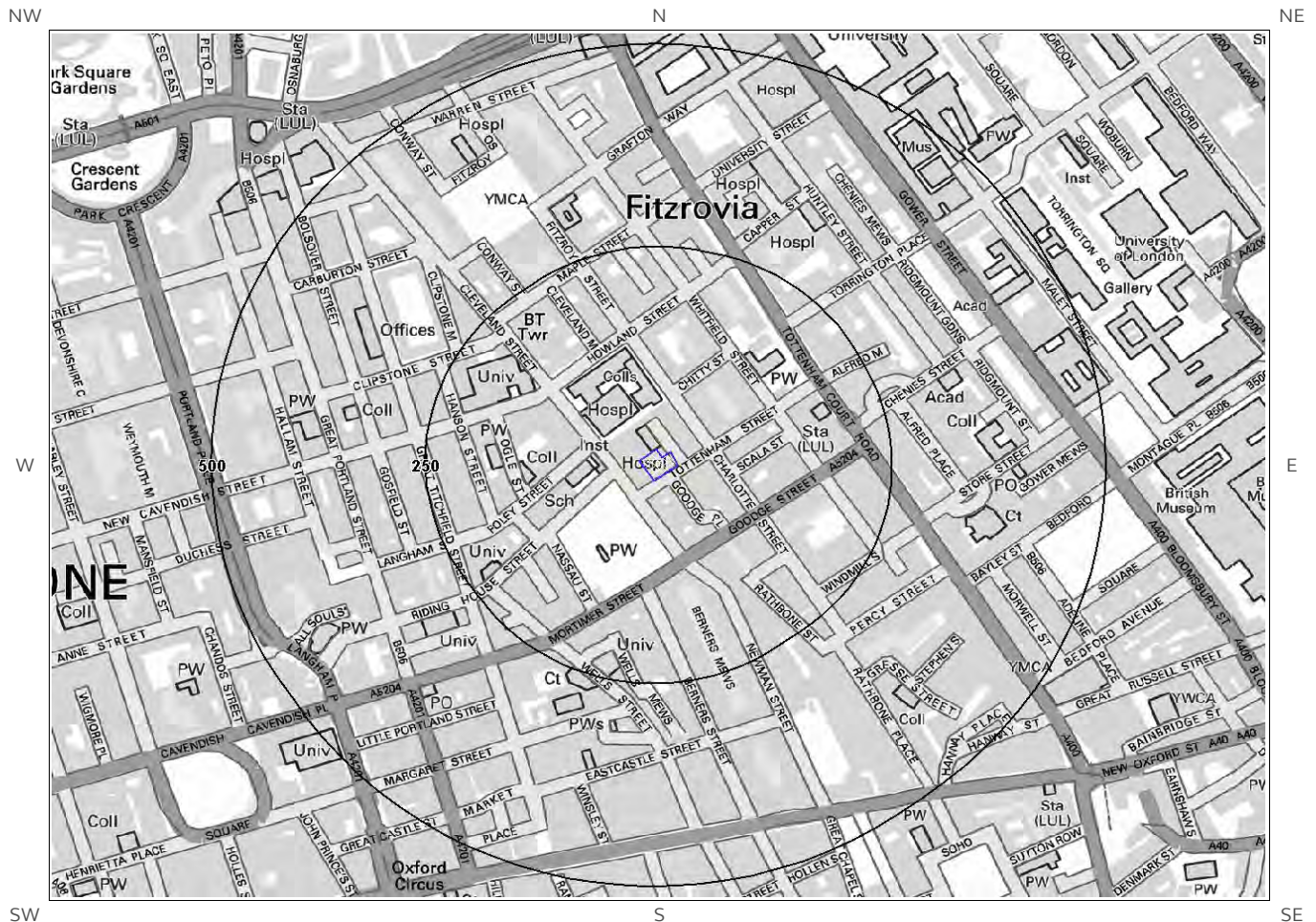
6d. Hydrogeology – Source Protection Zones within confined aquifer



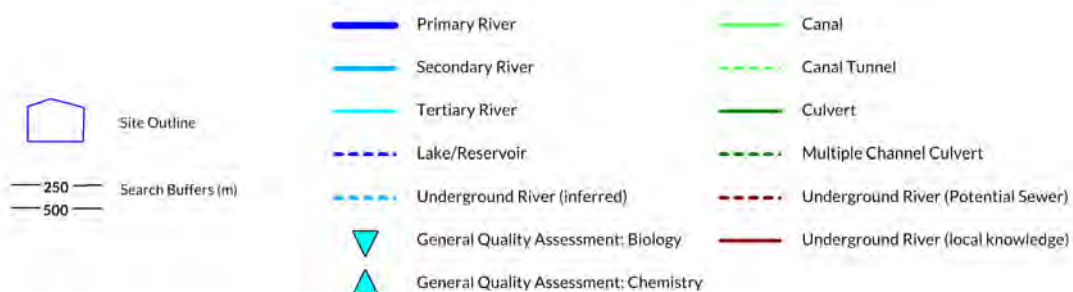
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6e. Hydrology – Detailed River Network and River Quality



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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Are there records of strata classification within the superficial geology at or in proximity to the property?
Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (6a):

ID	Distance (m)	Direction	Designation	Description
1	0	On Site	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. These are generally aquifers formerly classified as minor aquifers

6.2 Aquifer within Bedrock Deposits

Are there records of strata classification within the bedrock geology at or in proximity to the property? Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	Designation	Description
1	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

6.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 2000m of the study site?

Yes

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
3A	407	SW	529100 181400	<p>Status: Historical Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London W1-borehole B Data Type: Point Name: CAPITAL AND COUNTIES PROPERTY COMPANY LIMITED</p> <p>Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: 26/11/1979 Version End Date:</p>
4A	407	SW	529100 181400	<p>Status: Historical Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Walmer House, 296 Regent Street, London W1 Data Type: Point Name: CAPITAL AND COUNTIES PROPERTY COMPANY LIMITED</p> <p>Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: 26/11/1979 Version End Date:</p>
5B	497	W	528830 181900	<p>Status: Active Licence No: TH/039/0039/068 Details: Heat Pump Direct Source: Thames Groundwater Point: 10 Weymouth Street, Ridgeford Properties Data Type: Point Name: Ridgeford Properties Limited</p> <p>Annual Volume (m³): 50000 Max Daily Volume (m³): 400 Original Application No: NPSWR009221 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 1/4/2013 Version End Date:</p>
6B	497	W	528830 181900	<p>Status: Historical Licence No: TH/039/0039/010 Details: Heat Pump Direct Source: Thames Groundwater Point: 10 Weymouth Street, Ridgeford Properties Data Type: Point Name: Ridgeford Properties Limited</p> <p>Annual Volume (m³): 50000 Max Daily Volume (m³): 400 Original Application No: NPSWR001161 Original Start Date: 13/8/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 13/8/2009 Version End Date:</p>
7	501	SW	529010 181350	<p>Status: Active Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London, W1b - Borehole 'a' Data Type: Point Name: Ponsarn Investments Limited</p> <p>Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: NPS/WR/011671 Original Start Date: 11/10/1971 Expiry Date: - Issue No: 102 Version Start Date: 29/11/2012 Version End Date:</p>
8C	516	E	529858 181865	<p>Status: Historical Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole 2, Keppel Street Data Type: Point Name: London School of Hygiene and Tropical Medicine</p> <p>Annual Volume (m³): 203407 Max Daily Volume (m³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 8/11/2010 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details
9C	516	E	529858 181865	<p>Status: Active Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Keppel Street, Bloomsbury, London - Borehole 2 Data Type: Point Name: London School of Hygiene and Tropical Medicine</p> <p>Annual Volume (m³): 203407 Max Daily Volume (m³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/4/2011 Version End Date:</p>
10	517	SW	529010 181330	<p>Status: Active Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London, W1b - Borehole 'b' Data Type: Point Name: Pontsarn Investments Limited</p> <p>Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: NPS/WR/011671 Original Start Date: 11/10/1971 Expiry Date: - Issue No: 102 Version Start Date: 29/11/2012 Version End Date:</p>
11C	517	E	529860 181863	<p>Status: Historical Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole 1, Keppel Street Data Type: Point Name: London School of Hygiene and Tropical Medicine</p> <p>Annual Volume (m³): 203407 Max Daily Volume (m³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 8/11/2010 Version End Date:</p>
12C	517	E	529860 181863	<p>Status: Active Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Keppel Street, Bloomsbury, London - Borehole 1 Data Type: Point Name: London School of Hygiene and Tropical Medicine</p> <p>Annual Volume (m³): 203407 Max Daily Volume (m³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/4/2011 Version End Date:</p>
13D	547	SW	529000 181300	<p>Status: Historical Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London W1-borehole A Data Type: Point Name: CAPITAL AND COUNTIES PROPERTY COMPANY LIMITED</p> <p>Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: 26/11/1979 Version End Date:</p>
14D	547	SW	529000 181300	<p>Status: Historical Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Walmer House, 296 Regent Street, London W1 Data Type: Point Name: CAPITAL AND COUNTIES PROPERTY COMPANY LIMITED</p> <p>Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: 26/11/1979 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	842	W	528480 181920	<p>Status: Historical Licence No: 28/39/39/0215 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: 20 Devonshire Place, London-borehole A Data Type: Point Name: TRUSTEES OF THE LONDON CLINIC LIMITED</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: WRA/N/1383 Original Start Date: 24/2/2005 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 24/2/2005 Version End Date:</p>
Not shown	844	W	528480 181930	<p>Status: Historical Licence No: 28/39/39/0215 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: 3-5 Devonshire Place-borehole A Data Type: Point Name: TRUSTEES OF THE LONDON CLINIC LIMITED</p> <p>Annual Volume (m³): 122400 Max Daily Volume (m³): 511 Original Application No: WRA/N/1383 Original Start Date: 24/2/2005 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 24/2/2005 Version End Date:</p>
Not shown	850	W	528470 181910	<p>Status: Historical Licence No: 28/39/39/0215 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: 20 Devonshire Place, London-borehole B Data Type: Point Name: TRUSTEES OF THE LONDON CLINIC LIMITED</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: WRA/N/1383 Original Start Date: 24/2/2005 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 24/2/2005 Version End Date:</p>
Not shown	864	W	528460 181930	<p>Status: Historical Licence No: 28/39/39/0215 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: 3-5 Devonshire Place-borehole B Data Type: Point Name: TRUSTEES OF THE LONDON CLINIC LIMITED</p> <p>Annual Volume (m³): 122400 Max Daily Volume (m³): 511 Original Application No: WRA/N/1383 Original Start Date: 24/2/2005 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 24/2/2005 Version End Date:</p>
Not shown	1011	NW	528407 182223	<p>Status: Active Licence No: TH/039/0039/022 Details: Heat Pump Direct Source: Thames Groundwater Point: Doric Villa, York Terrace East, London Data Type: Point Name: Ritblat</p> <p>Annual Volume (m³): 118260 Max Daily Volume (m³): 324 Original Application No: NPS/WR/002585 Original Start Date: 26/2/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 26/2/2010 Version End Date:</p>
Not shown	1011	NW	528407 182223	<p>Status: Historical Licence No: TH/039/0039/022 Details: Heat Pump Direct Source: Thames Groundwater Point: Confined Chalk, Doric Villa, York Terrace East, London Data Type: Point Name: Ritblat</p> <p>Annual Volume (m³): 118260 Max Daily Volume (m³): 324 Original Application No: NPS/WR/002585 Original Start Date: 26/2/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 26/2/2010 Version End Date:</p>
Not shown	1080	SW	528765 180766	<p>Status: Historical Licence No: TH/039/0039/036 Details: Heat Pump Direct Source: Thames Groundwater Point: 40-54 Grosvenor Hill London Data Type: Line Name: Grosvenor West End Properties Limited</p> <p>Annual Volume (m³): 438000 Max Daily Volume (m³): 1200 Original Application No: NPS/WR/006940 Original Start Date: 28/2/2011 Expiry Date: 31/3/2019 Issue No: 2 Version Start Date: 11/11/2011 Version End Date:</p>
Not shown	1080	SW	528793 180800	<p>Status: Active Licence No: TH/039/0039/036 Details: Heat Pump Direct Source: Thames Groundwater Point: 40-54 Grosvenor Hill London Data Type: Point Name: Grosvenor Properties</p> <p>Annual Volume (m³): 438000 Max Daily Volume (m³): 1200 Original Application No: NPS/WR/017057 Original Start Date: 28/2/2011 Expiry Date: 31/3/2019 Issue No: 3 Version Start Date: 14/10/2014 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	1123	SW	528765 180766	Status: Historical Licence No: TH/039/0039/036 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At 70 Grosvenor Street London Data Type: Point Name: Grosvenor West End Properties Limited Annual Volume (m³): 473040 Max Daily Volume (m³): 1296 Original Application No: NPS/WR/005113 Original Start Date: 28/2/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 28/2/2011 Version End Date:
Not shown	1123	SW	528765 180766	Status: Active Licence No: TH/039/0039/036 Details: Heat Pump Direct Source: Thames Groundwater Point: 40-54 Grosvenor Hill London Data Type: Point Name: Grosvenor Properties Annual Volume (m³): 438000 Max Daily Volume (m³): 1200 Original Application No: NPS/WR/017057 Original Start Date: 28/2/2011 Expiry Date: 31/3/2019 Issue No: 3 Version Start Date: 14/10/2014 Version End Date:
Not shown	1179	NE	530052 182718	Status: Historical Licence No: TH/039/0039/001 Details: Heat Pump Direct Source: Thames Groundwater Point: Bidborough House 20 Mabledon Place London Data Type: Point Name: LONDON BOROUGH OF CAMDEN Annual Volume (m³): 327600 Max Daily Volume (m³): 1260 Original Application No: NPSWR000003 Original Start Date: 9/4/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 9/4/2009 Version End Date:
Not shown	1179	NE	530052 182718	Status: Historical Licence No: TH/039/0039/001 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At Bidborough House 20 Mabledon Place London Data Type: Point Name: LONDON BOROUGH OF CAMDEN Annual Volume (m³): 327600 Max Daily Volume (m³): 1260 Original Application No: NPSWR000003 Original Start Date: 9/4/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 9/4/2009 Version End Date:
Not shown	1179	NE	530052 182718	Status: Active Licence No: TH/039/0039/064 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At Bidborough House, 20 Mabledon Place, London Data Type: Point Name: University College London Annual Volume (m³): 327600 Max Daily Volume (m³): 1440 Original Application No: NPS/WR/017625 Original Start Date: 16/4/2013 Expiry Date: 31/3/2019 Issue No: 2 Version Start Date: 21/11/2014 Version End Date:
Not shown	1216	S	529113 180542	Status: Active Licence No: TH/039/0039/042 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At Old Bond Street, London Data Type: Point Name: Prada Retail UK Ltd Annual Volume (m³): 74043 Max Daily Volume (m³): 354 Original Application No: NPS/WR/007512 Original Start Date: 24/10/2012 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 24/10/2012 Version End Date:
Not shown	1299	W	528061 181399	Status: Historical Licence No: 28/39/39/0241 Details: Heat Pump Direct Source: Thames Groundwater Point: 7-15 Baker Street, London, W1u - Borehole Data Type: Point Name: AUB (BAKER STREET) DEVELOPMENT LIMITED Annual Volume (m³): 52560 Max Daily Volume (m³): 201.6 Original Application No: GEN/39/186 Original Start Date: 12/12/2008 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 12/12/2008 Version End Date:
Not shown	1299	W	528061 181399	Status: Active Licence No: TH/039/0039/080 Details: Heat Pump Direct Source: Thames Groundwater Point: 7-15 Baker Street, London, W1u - Borehole Data Type: Point Name: London Baker Street SARL Annual Volume (m³): 52560 Max Daily Volume (m³): 202 Original Application No: NPS/WR/022628 Original Start Date: 19/7/2013 Expiry Date: 31/3/2019 Issue No: 2 Version Start Date: 8/7/2016 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1332	SW	528190 181039	Status: Active Licence No: TH/039/0039/039 Details: Heat Pump Direct Source: Thames Groundwater Point: Oxford Street - Borehole C Data Type: Point Name: Park House (Oxford St.) Ltd	Annual Volume (m³): 1955232 Max Daily Volume (m³): 5357 Original Application No: NPS/WR/011448 Original Start Date: 1/9/2011 Expiry Date: 31/3/2019 Issue No: 2 Version Start Date: 17/9/2012 Version End Date:
Not shown	1332	SW	528190 181039	Status: Historical Licence No: TH/039/0039/039 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole C- Oxford Street Data Type: Point Name: Park House (Oxford St.) Ltd	Annual Volume (m³): 1955232 Max Daily Volume (m³): 5357 Original Application No: NPS/WR/007024 Original Start Date: 1/9/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/9/2011 Version End Date:
Not shown	1336	SW	528532 180665	Status: Active Licence No: TH/039/0039/106 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At 6 Carlos Place, London Data Type: Point Name: Kering International Limited	Annual Volume (m³): 23511 Max Daily Volume (m³): 100 Original Application No: NPS/WR/017716 Original Start Date: 11/3/2015 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 11/3/2015 Version End Date:
Not shown	1337	SW	528197 181019	Status: Historical Licence No: TH/039/0039/039 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole B- Oxford Street Data Type: Point Name: Park House (Oxford St.) Ltd	Annual Volume (m³): 1955232 Max Daily Volume (m³): 5357 Original Application No: NPS/WR/007024 Original Start Date: 1/9/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/9/2011 Version End Date:
Not shown	1337	SW	528197 181019	Status: Active Licence No: TH/039/0039/039 Details: Heat Pump Direct Source: Thames Groundwater Point: Oxford Street - Borehole B Data Type: Point Name: Park House (Oxford St.) Ltd	Annual Volume (m³): 1955232 Max Daily Volume (m³): 5357 Original Application No: NPS/WR/011448 Original Start Date: 1/9/2011 Expiry Date: 31/3/2019 Issue No: 2 Version Start Date: 17/9/2012 Version End Date:
Not shown	1384	SE	529960 180510	Status: Historical Licence No: 28/39/39/0212 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: The National Gallery- Borehole Data Type: Point Name: THE NATIONAL GALLERY	Annual Volume (m³): 30558 Max Daily Volume (m³): 83.7 Original Application No: WRA/N/1311 Original Start Date: 27/10/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 1/4/2008 Version End Date:
Not shown	1384	SE	529960 180510	Status: Historical Licence No: 28/39/39/0212 Details: Evaporative Cooling Direct Source: Thames Groundwater Point: The National Gallery- Borehole Data Type: Point Name: THE NATIONAL GALLERY	Annual Volume (m³): 30558 Max Daily Volume (m³): 83.7 Original Application No: WRA/N/1311 Original Start Date: 27/10/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 1/4/2008 Version End Date:
Not shown	1401	SW	528135 180998	Status: Active Licence No: TH/039/0039/039 Details: Heat Pump Direct Source: Thames Groundwater Point: Oxford Street - Borehole A Data Type: Point Name: Park House (Oxford St.) Ltd	Annual Volume (m³): 1955232 Max Daily Volume (m³): 5357 Original Application No: NPS/WR/011448 Original Start Date: 1/9/2011 Expiry Date: 31/3/2019 Issue No: 2 Version Start Date: 17/9/2012 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1401	SW	528135 180998	<p>Status: Historical Licence No: TH/039/0039/039 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole A - Oxford Street Data Type: Point Name: Park House (Oxford St.) Ltd</p> <p>Annual Volume (m³): 1955232 Max Daily Volume (m³): 5357 Original Application No: NPS/WR/007024 Original Start Date: 1/9/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/9/2011 Version End Date:</p>
Not shown	1403	SE	530089 180562	<p>Status: Active Licence No: TH/039/0039/067 Details: Heat Pump Direct Source: Thames Groundwater Point: 6 St Martins Place, London, Wc2n - Borehole Data Type: Point Name: ST MARTIN-IN-THE FIELDS LIMITED</p> <p>Annual Volume (m³): 140000 Max Daily Volume (m³): 760 Original Application No: GEN/39/117 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 2 Version Start Date: 1/4/2013 Version End Date:</p>
Not shown	1406	SE	530090 180560	<p>Status: Historical Licence No: 28/39/39/0236 Details: Heat Pump Direct Source: Thames Groundwater Point: 6 St Martins Place, London, Wc2n - Borehole Data Type: Point Name: ST MARTIN-IN-THE FIELDS LIMITED</p> <p>Annual Volume (m³): 52000 Max Daily Volume (m³): 1300 Original Application No: GEN/39/117 Original Start Date: 24/4/2008 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 24/4/2008 Version End Date:</p>
Not shown	1475	SW	528394 180595	<p>Status: Active Licence No: 28/39/39/0228 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: Scotts Restaurant-borehole Data Type: Point Name: CAPRICE HOLDINGS LIMITED</p> <p>Annual Volume (m³): 123462 Max Daily Volume (m³): 342 Original Application No: NPS/WR/003517 Original Start Date: 3/11/2006 Expiry Date: 31/3/2019 Issue No: 2 Version Start Date: 16/9/2010 Version End Date:</p>
Not shown	1482	SW	528390 180590	<p>Status: Historical Licence No: 28/39/39/0228 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: Scotts Restaurant-borehole Data Type: Point Name: CAPRICE HOLDINGS LIMITED</p> <p>Annual Volume (m³): 123462 Max Daily Volume (m³): 342 Original Application No: GEN/39/151 Original Start Date: 3/11/2006 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 3/11/2006 Version End Date:</p>
Not shown	1496	W	527850 182100	<p>Status: Historical Licence No: 28/39/39/0070 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Abbey House, Baker Street- Borehole Data Type: Point Name: BASKERVILLE ESTATES (GP) LIMITED</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 102 Version Start Date: 19/12/2003 Version End Date:</p>
Not shown	1517	S	529480 180230	<p>Status: Historical Licence No: 28/39/39/0006 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At The Army And Navy Club, Pall Mall, London Data Type: Point Name: ARMY & NAVY CLUB</p> <p>Annual Volume (m³): 15911 Max Daily Volume (m³): 82.7 Original Application No: - Original Start Date: 11/10/1965 Expiry Date: - Issue No: 100 Version Start Date: 1/4/2008 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	1517	S	529480 180230	<p>Status: Active Licence No: 28/39/39/0006 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Army And Navy Club, Pall Mall, London Data Type: Point Name: ARMY AND NAVY CLUB LIMITED</p> <p>Annual Volume (m³): 15911 Max Daily Volume (m³): 82.7 Original Application No: NPS/WR/015097 Original Start Date: 11/10/1965 Expiry Date: - Issue No: 101 Version Start Date: 9/1/2014 Version End Date:</p>
Not shown	1526	W	527800 182000	<p>Status: Historical Licence No: 28/39/39/0021 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Two Boreholes At Dorset House, Gloucester Place, London. W1 Data Type: Point Name: BELLNORTH LIMITED</p> <p>Annual Volume (m³): 56370 Max Daily Volume (m³): 318 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 10/1/1994 Version End Date:</p>
Not shown	1526	W	527800 182000	<p>Status: Active Licence No: 28/39/39/0021 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Dorset House, London- 2 Boreholes Data Type: Point Name: Dorset House Residential Limited</p> <p>Annual Volume (m³): 56370 Max Daily Volume (m³): 318 Original Application No: NPS/WR/017647 Original Start Date: 13/12/1965 Expiry Date: - Issue No: 103 Version Start Date: 20/11/2014 Version End Date:</p>
Not shown	1545	W	527800 182100	<p>Status: Historical Licence No: 28/39/39/0070 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Abbey House, Baker Street, London Nw1 Data Type: Point Name: ABBEY NATIONAL PLC</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: 2/5/2000 Version End Date:</p>
Not shown	1796	SW	527679 181008	<p>Status: Historical Licence No: TH/039/0039/007 Details: Heat Pump Direct Source: Thames Groundwater Point: 4 Connaught Place- Borehole Data Type: Point Name: Abbey National(CF trustee) Ltd.</p> <p>Annual Volume (m³): 197100 Max Daily Volume (m³): 540 Original Application No: NPS/WR/008307 Original Start Date: 20/5/2009 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 27/10/2011 Version End Date:</p>
Not shown	1796	SW	527679 181008	<p>Status: Active Licence No: TH/039/0039/082 Details: Heat Pump Direct Source: Thames Groundwater Point: 4 Connaught Place- Borehole Data Type: Point Name: Santander (CF Trustee) Limited</p> <p>Annual Volume (m³): 197100 Max Daily Volume (m³): 540 Original Application No: NPS/WR/009219 Original Start Date: 16/8/2013 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 16/8/2013 Version End Date:</p>
Not shown	1796	SW	527679 181008	<p>Status: Historical Licence No: TH/039/0039/007 Details: Heat Pump Direct Source: Thames Groundwater Point: 4 Connaught Place Borehole Data Type: Point Name: Abbey National(CF trustee) Ltd.</p> <p>Annual Volume (m³): 197100 Max Daily Volume (m³): 540 Original Application No: NPS/WR/008307 Original Start Date: 20/5/2009 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 27/10/2011 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	1827	S	528813 179986	Status: Historical Licence No: TH/039/0039/011 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At Green Park, Westminster Data Type: Point Name: LONDON UNDERGROUND LIMITED	Annual Volume (m³): 788400 Max Daily Volume (m³): 2160 Original Application No: NPSWR001412 Original Start Date: 24/12/2009 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 24/12/2009 Version End Date:
Not shown	1827	S	528813 179986	Status: Active Licence No: TH/039/0039/011 Details: Heat Pump Direct Source: Thames Groundwater Point: Green Park, Westminster, London - Borehole A Data Type: Point Name: LONDON UNDERGROUND LIMITED	Annual Volume (m³): 788400 Max Daily Volume (m³): 2160 Original Application No: NPSWR001412 Original Start Date: 24/12/2009 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 24/12/2009 Version End Date:
Not shown	1831	NE	530368 183294	Status: Active Licence No: TH/039/0039/055 Details: Heat Pump Direct Source: Thames Groundwater Point: Regent Quarter - Borehole A Data Type: Point Name: BNP Paribas Jersey Trust Corp Ltd and Anley Trustees Ltd	Annual Volume (m³): 323612 Max Daily Volume (m³): 2160 Original Application No: NPS/WR/015663 Original Start Date: 6/2/2013 Expiry Date: 31/3/2025 Issue No: 2 Version Start Date: 25/6/2014 Version End Date:
Not shown	1853	SE	531030 180970	Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole B Data Type: Point Name: COMMERZ GRUNDBESITZ INVEST. MBH	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: 28/3/2003 Version End Date:
Not shown	1867	SE	531050 180980	Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole C Data Type: Point Name: COMMERZ GRUNDBESITZ INVEST. MBH	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: 28/3/2003 Version End Date:
Not shown	1876	SE	531060 180980	Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole A Data Type: Point Name: COMMERZ GRUNDBESITZ INVEST. MBH	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: 28/3/2003 Version End Date:
Not shown	1884	S	528794 179932	Status: Active Licence No: TH/039/0039/011 Details: Heat Pump Direct Source: Thames Groundwater Point: Green Park, Westminster, London - Borehole B Data Type: Point Name: LONDON UNDERGROUND LIMITED	Annual Volume (m³): 788400 Max Daily Volume (m³): 2160 Original Application No: NPSWR001412 Original Start Date: 24/12/2009 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 24/12/2009 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1884	S	528794 179932	<p>Status: Historical Licence No: TH/039/0039/011 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At Green Park, Westminster Data Type: Point Name: LONDON UNDERGROUND LIMITED</p> <p>Annual Volume (m³): 788400 Max Daily Volume (m³): 2160 Original Application No: NPSWR001412 Original Start Date: 24/12/2009 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 24/12/2009 Version End Date:</p>
Not shown	1905	SE	531000 180800	<p>Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Globe House, Temple Place, London Data Type: Point Name: HAMMERSON UK PROPERTIES PLC</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1995 Version End Date:</p>
Not shown	1905	SE	531000 180800	<p>Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Globe House, Temple Place, London Data Type: Point Name: HAMMERSON UK PROPERTIES PLC</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1995 Version End Date:</p>
Not shown	1905	SE	531000 180800	<p>Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At Globe House, Temple Place, London Data Type: Point Name: HAMMERSON UK PROPERTIES PLC</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1995 Version End Date:</p>

6.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 2000m of the study site? Yes

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1869	N	529750 183600	<p>Status: Historical Licence No: 28/39/39/0172 Details: Make-Up or Top Up Water Direct Source: Thames Surface Water - Non Tidal Point: Camley Street Nature Park, London Data Type: Point Name: BRITISH WATERWAYS BOARD</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 18/9/1991 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	1869	N	529750 183600	Status: Historical Licence No: 28/39/39/0172 Details: Make-Up or Top Up Water Direct Source: Thames Surface Water - Non Tidal Point: Grand Union Canal At Camley Street Nature Park, London Data Type: Point Name: BRITISH WATERWAYS BOARD Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 18/9/1991 Expiry Date: - Issue No: 100 Version Start Date: 18/9/1991 Version End Date:
Not shown	1994	NE	530310 183520	Status: Active Licence No: 28/39/39/0164 Details: Non-Evaporative Cooling Direct Source: Thames Surface Water - Non Tidal Point: Maiden Lane Bridge, London, Nw1 - Regents Canal Data Type: Point Name: Canal and River Trust Annual Volume (m³): 7010000 Max Daily Volume (m³): 19520 Application No: - Original Start Date: 18/7/1980 Expiry Date: - Issue No: 101 Version Start Date: 17/12/2007 Version End Date:

6.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site? Yes

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Licences Map (6c):

ID	Distance (m)	Direction	NGR	Details
1A	407	SW	529100 181400	Status: Historical Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London W1-borehole B Data Type: Point Name: CAPITAL AND COUNTIES PROPERTY COMPANY LIMITED Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
2A	407	SW	529100 181400	Status: Historical Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Walmer House, 296 Regent Street, London W1 Data Type: Point Name: CAPITAL AND COUNTIES PROPERTY COMPANY LIMITED Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
3	501	SW	529010 181350	Status: Active Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London, W1b - Borehole 'a' Data Type: Point Name: Ponsarn Investments Limited Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: NPS/WR/011671 Original Start Date: 11/10/1971 Expiry Date: - Issue No: 102 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details
4	517	SW	529010 181330	<p>Status: Active Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London, W1b - Borehole 'b' Data Type: Point Name: Pontsarn Investments Limited</p> <p>Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: NPS/WR/011671 Original Start Date: 11/10/1971 Expiry Date: - Issue No: 102 Version Start Date: Version End Date:</p>
5B	547	SW	529000 181300	<p>Status: Historical Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Walmer House, 296 Regent Street, London W1 Data Type: Point Name: CAPITAL AND COUNTIES PROPERTY COMPANY LIMITED</p> <p>Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:</p>
6B	547	SW	529000 181300	<p>Status: Historical Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London W1-borehole A Data Type: Point Name: CAPITAL AND COUNTIES PROPERTY COMPANY LIMITED</p> <p>Annual Volume (m³): 9126 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:</p>
Not shown	1384	SE	529960 180510	<p>Status: Historical Licence No: 28/39/39/0212 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: The National Gallery- Borehole Data Type: Point Name: THE NATIONAL GALLERY</p> <p>Annual Volume (m³): 30558 Max Daily Volume (m³): 83.7 Original Application No: WRA/N/1311 Original Start Date: 27/10/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:</p>
Not shown	1496	W	527850 182100	<p>Status: Historical Licence No: 28/39/39/0070 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Abbey House, Baker Street- Borehole Data Type: Point Name: BASKERVILLE ESTATES (GP) LIMITED</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 102 Version Start Date: Version End Date:</p>
Not shown	1517	S	529480 180230	<p>Status: Historical Licence No: 28/39/39/0006 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At The Army And Navy Club, Pall Mall, London Data Type: Point Name: ARMY & NAVY CLUB</p> <p>Annual Volume (m³): 15911 Max Daily Volume (m³): 82.7 Original Application No: - Original Start Date: 11/10/1965 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	1517	S	529480 180230	<p>Status: Active Licence No: 28/39/39/0006 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Army And Navy Club, Pall Mall, London Data Type: Point Name: ARMY AND NAVY CLUB LIMITED</p> <p>Annual Volume (m³): 15911 Max Daily Volume (m³): 82.7 Original Application No: NPS/WR/015097 Original Start Date: 11/10/1965 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
Not shown	1526	W	527800 182000	<p>Status: Active Licence No: 28/39/39/0021 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Dorset House, London- 2 Boreholes Data Type: Point Name: Dorset House Residential Limited</p> <p>Annual Volume (m³): 56370 Max Daily Volume (m³): 318 Original Application No: NPS/WR/017647 Original Start Date: 13/12/1965 Expiry Date: - Issue No: 103 Version Start Date: Version End Date:</p>
Not shown	1526	W	527800 182000	<p>Status: Historical Licence No: 28/39/39/0021 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Two Boreholes At Dorset House, Gloucester Place, London. W1 Data Type: Point Name: BELLNORTH LIMITED</p> <p>Annual Volume (m³): 56370 Max Daily Volume (m³): 318 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
Not shown	1545	W	527800 182100	<p>Status: Historical Licence No: 28/39/39/0070 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Abbey House, Baker Street, London Nw1 Data Type: Point Name: ABBEY NATIONAL PLC</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
Not shown	1853	SE	531030 180970	<p>Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole B Data Type: Point Name: COMMERZ GRUNDBESITZ INVEST. MBH</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
Not shown	1867	SE	531050 180980	<p>Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole C Data Type: Point Name: COMMERZ GRUNDBESITZ INVEST. MBH</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	1876	SE	531060 180980	<p>Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole A Data Type: Point Name: COMMERZ GRUNDBESITZ INVEST. MBH</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
Not shown	1905	SE	531000 180800	<p>Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At Globe House, Temple Place, London Data Type: Point Name: HAMMERSON UK PROPERTIES PLC</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:</p>
Not shown	1905	SE	531000 180800	<p>Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Globe House, Temple Place, London Data Type: Point Name: HAMMERSON UK PROPERTIES PLC</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:</p>
Not shown	1905	SE	531000 180800	<p>Status: Historical Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Globe House, Temple Place, London Data Type: Point Name: HAMMERSON UK PROPERTIES PLC</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:</p>

6.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site?

No

Database searched and no data found.

6.7 Source Protection Zones within Confined Aquifer

Are there any Source Protection Zones within the Confined Aquifer within 500m of the study site? No

Historically, Source Protection Zone maps have been focused on regulation of activities which occur at or near the ground surface, such as prevention of point source pollution and bacterial contamination of water supplies. Sources in confined aquifers were often considered to be protected from these surface pressures due to the presence of a low permeability confining layer (e.g. glacial till, clay). The increased interest in subsurface activities such as onshore oil and gas exploration, ground source heating and cooling requires protection zones for confined sources to be marked on SPZ maps where this has not already been done.

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

Is there any Environment Agency/Natural Resources Wales information on groundwater vulnerability and soil leaching potential within 500m of the study site? Yes

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
0	On Site	Minor Aquifer/High Leaching Potential	HU	Soil information for urban areas and restored mineral workings. These soils are therefore assumed to be highly permeable in the absence of site-specific information.

6.9 River Quality

Is there any Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site? No

6.9.1 Biological Quality:

Database searched and no data found.

6.9.2 Chemical Quality:

Database searched and no data found.

6.10 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site?

No

Database searched and no data found.

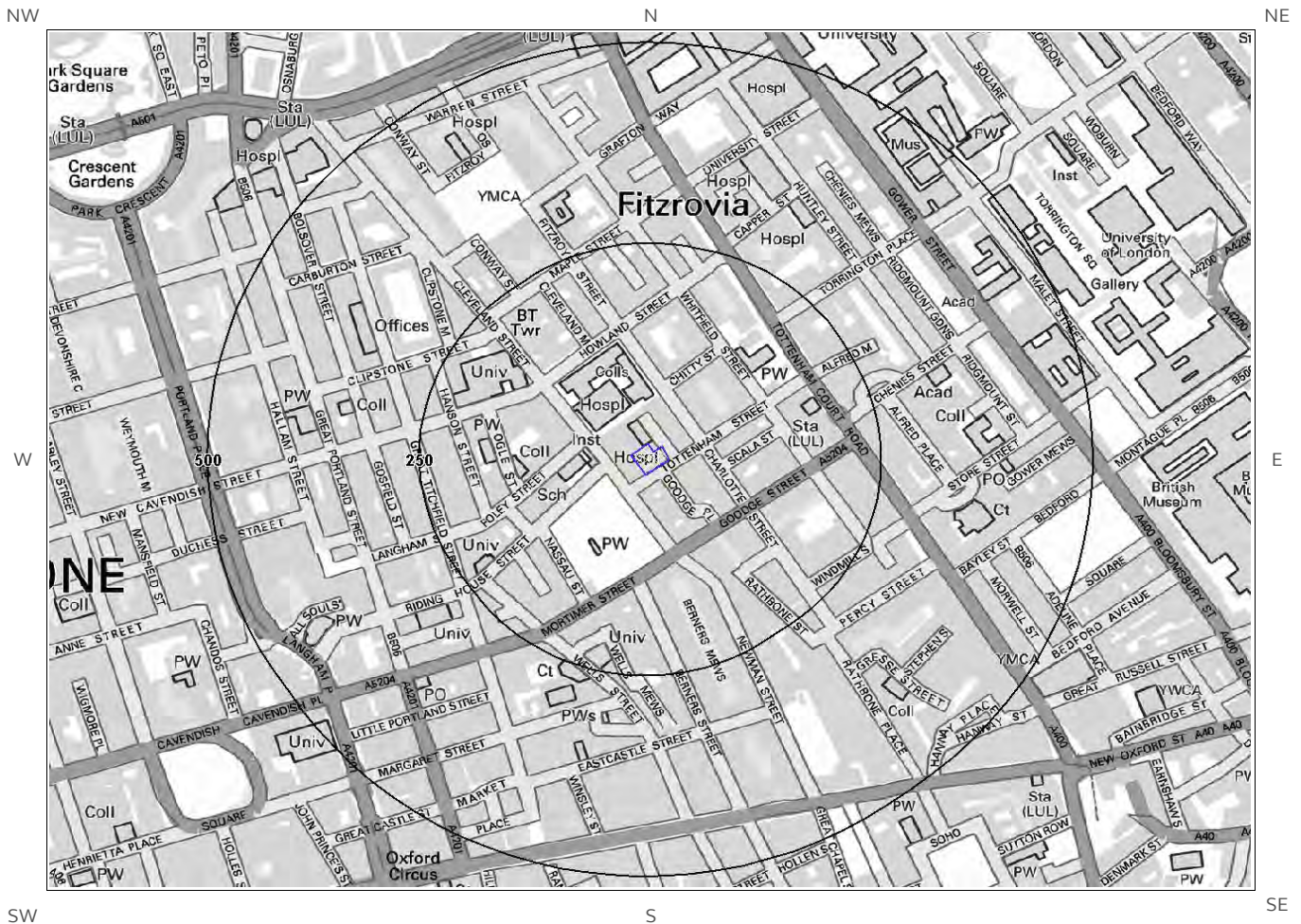
6.11 Surface Water Features

Are there any surface water features within 250m of the study site?

No

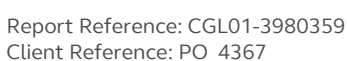
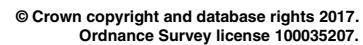
Database searched and no data found.

7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)



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7 Flooding

7.1 River and Coastal Zone 2 Flooding

Is the site within 250m of an Environment Agency/Natural Resources Wales Zone 2 floodplain? No

Environment Agency/Natural Resources Wales Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 7a – Flood Map for Planning:

Database searched and no data found.

7.2 River and Coastal Zone 3 Flooding

Is the site within 250m of an Environment Agency/Natural Resources Wales Zone 3 floodplain? No

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 7a – Flood Map for Planning.

Database searched and no data found.

7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating

What is the highest risk of flooding onsite? Very Low

The Environment Agency/Natural Resources Wales RoFRaS database provides an indication of river and coastal flood risk at a national level on a 50m grid with the flood rating at the centre of the grid calculated and given above. The data considers the probability that the flood defences will overtop or breach by considering their location, type, condition and standard of protection.

RoFRaS data for the study site indicates the property is in an area with a Very Low (less than 1 in 1000) chance of flooding in any given year.

7.4 Flood Defences

Are there any Flood Defences within 250m of the study site? No
Database searched and no data found.

7.5 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site? No

7.6 Areas benefiting from Flood Storage

Are there any areas used for Flood Storage within 250m of the study site?

No

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site? Yes

Does this relate to Clearwater Flooding or Superficial Deposits Flooding? Superficial Deposits Flooding

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

7.7.2 What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?

Potential below Surface

Where potential for groundwater flooding of property situated below ground level is indicated, this means that given the geological conditions there may be a groundwater flooding hazard to basements and other below surface infrastructure. Unless other relevant information, e.g. records of previous flooding, suggests groundwater flooding has occurred before in this area you need take no further action in relation to groundwater flooding hazard. If there are records of previous incidences of groundwater flooding, then is recommended that other information e.g. rainfall history, property type, and land drainage information in addition to previous records of flooding be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

7.8 Groundwater Flooding Confidence Areas

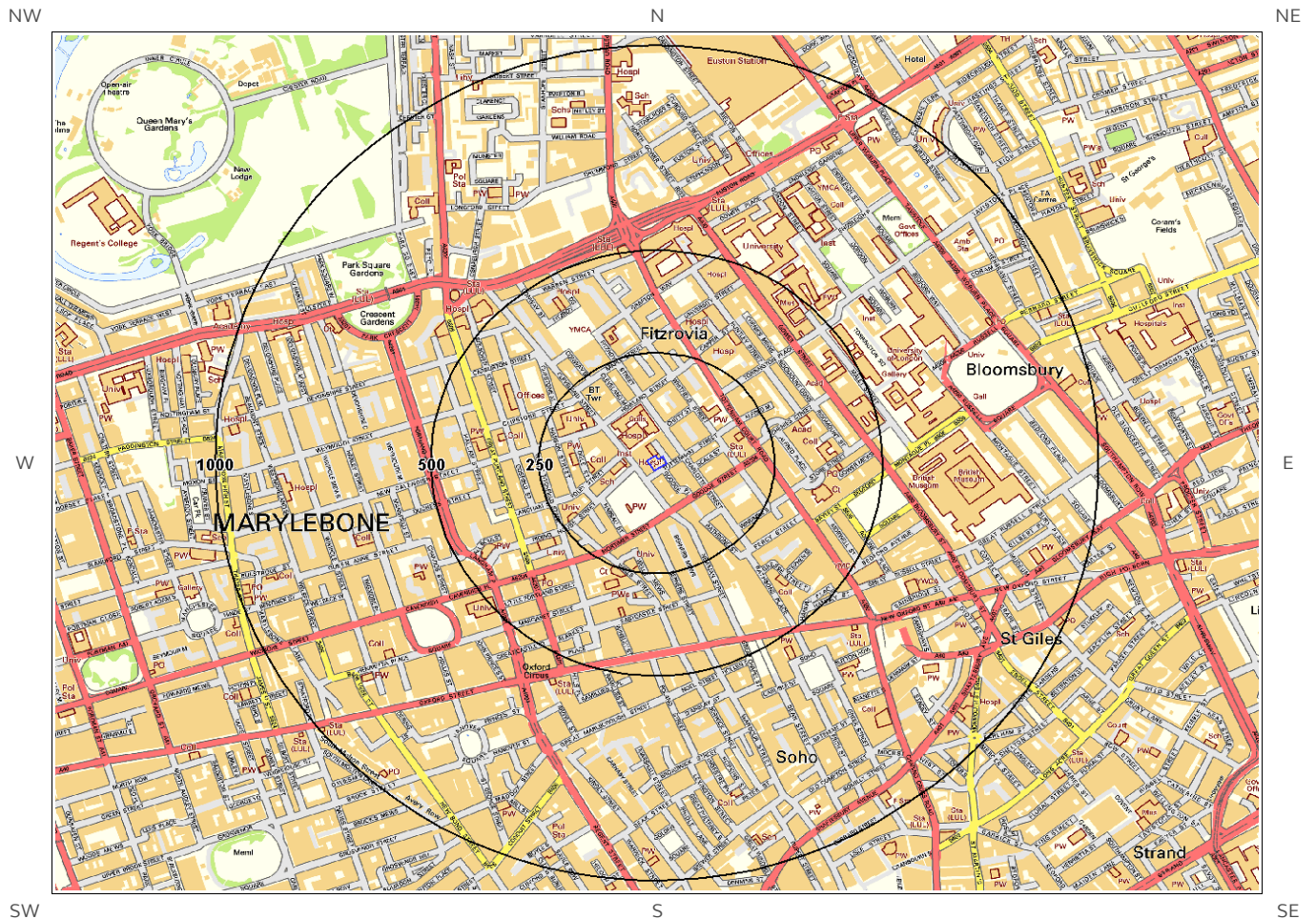
What is the British Geological Survey confidence rating in this result?

High

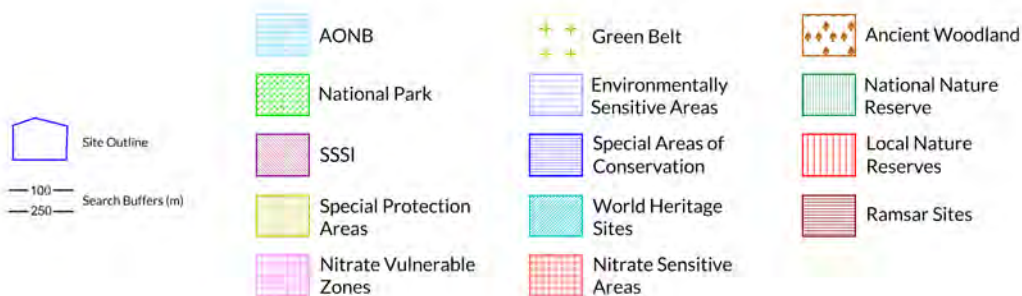
Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8. Designated Environmentally Sensitive Sites Map



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8. Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site? Yes

8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

0

Database searched and no data found.

8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

0

Database searched and no data found.

8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

0

Database searched and no data found.

8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

8.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

8.6 Records of Ancient Woodland within 2000m of the study site:

0

Database searched and no data found.

8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

1

The following Local Nature Reserve (LNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	LNR Name	Data Source
Not shown	1723	NE	Camley Street Nature Park	Natural England

8.8 Records of World Heritage Sites within 2000m of the study site:

0

Database searched and no data found.

8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

0

Database searched and no data found.

8.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

0

Database searched and no data found.

8.14 Records of Green Belt land within 2000m of the study site:

0

Database searched and no data found.

9. Natural Hazards Findings

9.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a **Groundsure Geo Insight**, available from our **website**. The following information has been found:

9.1.1 Shrink Swell

What is the maximum Shrink-Swell* hazard rating identified on the study site? Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly non-plastic. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely likely due to potential problems with shrink-swell clays.

9.1.2 Landslides

What is the maximum Landslide* hazard rating identified on the study site? Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

9.1.3 Soluble Rocks

What is the maximum Soluble Rocks* hazard rating identified on the study site? Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

* This indicates an automatically generated 50m buffer and site.

9.1.4 Compressible Ground

What is the maximum Compressible Ground* hazard rating identified on the study site? Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
No indicators for compressible deposits identified. No special actions required to avoid problems due to compressible deposits. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible deposits.

9.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site? Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

9.1.6 Running Sand

What is the maximum Running Sand** hazard rating identified on the study site? Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Very low potential for running sand problems if water table rises or if sandy strata are exposed to water. No special actions required, to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

9.2 Radon

9.2.1 Radon Affected Areas

Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

* This indicates an automatically generated 50m buffer and site.

9.2.2 Radon Protection

Is the property in an area where Radon Protection are required for new properties or extensions to existing

ones as described in publication BR211 by the Building Research Establishment?

No radon protective measures are necessary.

10. Mining

10.1 Coal Mining

Are there any coal mining areas within 75m of the study site? No

Database searched and no data found.

10.2 Non-Coal Mining

Are there any Non-Coal Mining areas within 50m of the study site boundary? No

Database searched and no data found.

10.3 Brine Affected Areas

Are there any brine affected areas within 75m of the study site? No

Guidance: No Guidance Required.

Contact Details

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BGS Geological Hazards Reports and general geological enquiries:
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