

APPENDIX E (Part 1 of 4)



Groundsure

LOCATION INTELLIGENCE

Chelmer Site Investigation Laboratories Ltd
TOWER BRIDGE BUSINESS CENTRE,46-48,
EAST SMITHFIELD,
LONDON, E1W 1AW

Groundsure Reference: GS-3549238

Your Reference: 7596

Report Date 4 Jan 2017

Report Delivery Method: Email - pdf

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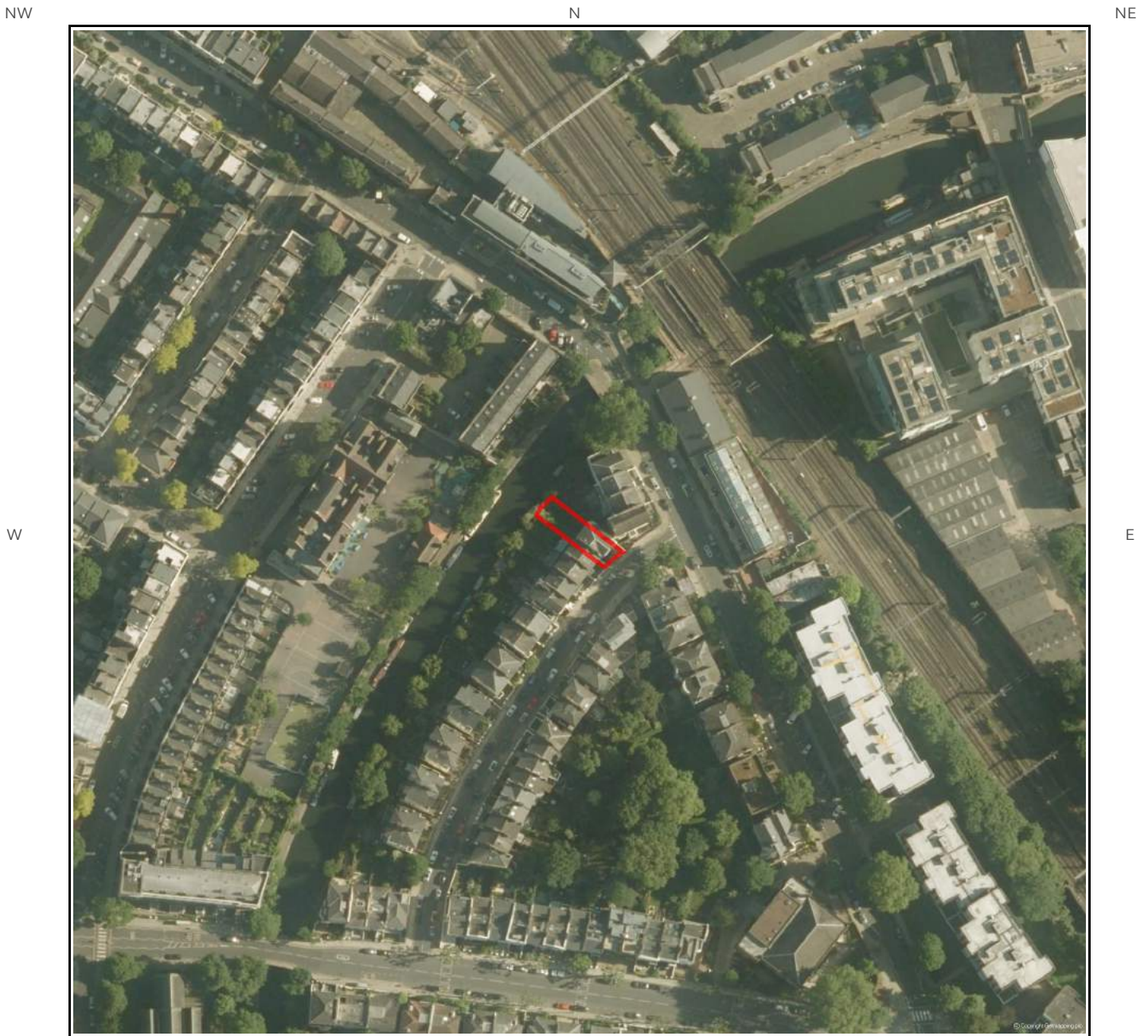
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Address: 31, ST. MARKS CRESCENT, LONDON, NW1 7TT
Date: 4 Jan 2017
Reference: GS-3549238
Client: Chelmer Site Investigation Laboratories Ltd



Aerial Photograph Capture date: 07-Jun-2015
Grid Reference: 528377,183893
Site Size: 0.02ha

Report Reference: GS-3549238
Client Reference: 7596

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Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

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	1	47	80
1.2 Additional Information – Historical Tank Database	0	0	4	16
1.3 Additional Information – Historical Energy Features Database	0	14	22	54
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	0	0	9	77
1.6 Potentially Infilled Land	0	8	6	10
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	2	10
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	1
2.1.8 Records of Licensed Discharge Consents	0	1	0	2
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	0	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	0
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	2	0	7

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	0	2	22	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	0	3
4.3 National Grid Underground Electricity Cables	0	4	8	4
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?	None
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?	No					
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	0	9	18
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	2	0	0	4
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	5	6
6.6 Source Protection Zones (within 500m of the study site)	0	0	0	1	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)	0	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	Yes	No
6.10 Detailed River Network entries within 500m of the site	0	1	1	7	Not searched	Not searched
6.11 Surface water features within 250m of the study site	Yes	Yes	Yes	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?	Not Prone					
7.8 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Not Applicable					

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	3
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?	Moderate
9.1.1 What is the maximum Shrink-Swell hazard rating identified on the study site?	Moderate
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?	Negligible
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.

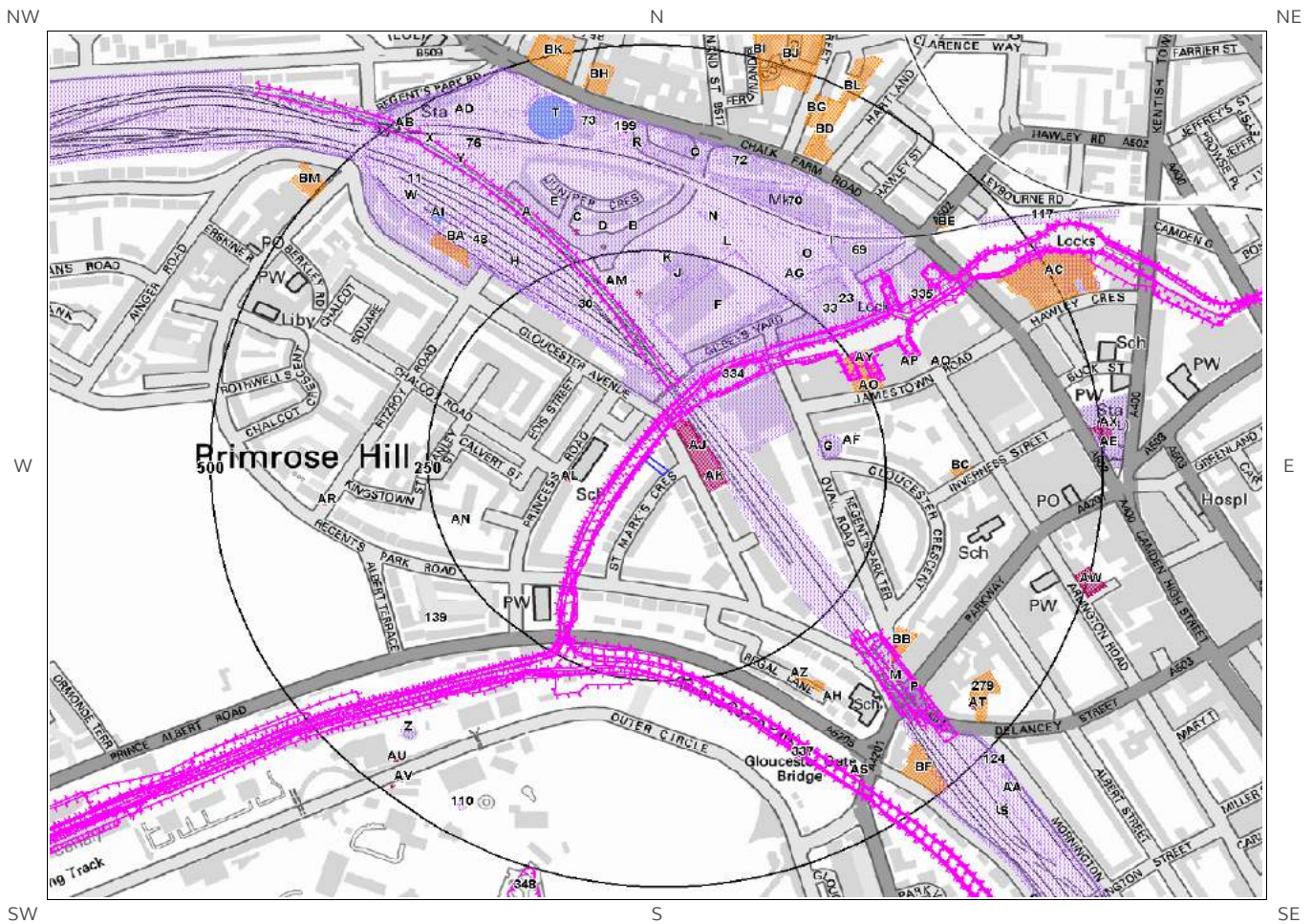
Note: Maps

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).

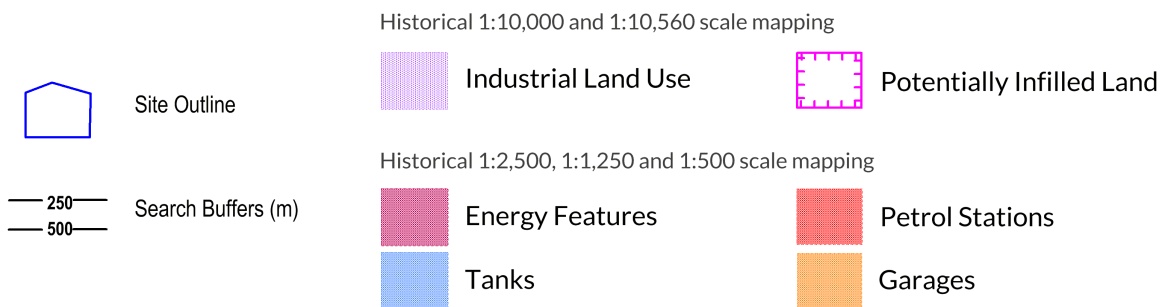
Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

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: 128

ID	Distance [m]	Direction	Use	Date
1A	50	NE	Railway Sidings	1957
2A	51	NE	Railway Sidings	1973
3A	51	NE	Railway Sidings	1968
4C	57	N	Railway Sidings	1882
5B	57	N	Goods Depot	1882
6B	68	NE	Railway Land	1911
7C	78	N	Railway Sidings	1948
8E	78	NE	Railway Sidings	1894
9D	79	N	Railway Sidings	1938
10D	79	N	Railway Sidings	1920
11	83	N	Railway Sidings	1989
12H	84	N	Railway Sidings	1911
13A	88	N	Tunnel	1989
14E	89	NE	Railway Sidings	1911
15F	115	NE	Goods Shed	1957
16F	116	NE	Goods Shed	1968
17F	116	NE	Goods Shed	1973
18F	117	NE	Goods Station	1911
19F	120	NE	Goods Shed	1882
20F	122	NE	Goods Station	1894
21F	123	N	Goods Station	1938
22F	123	N	Goods Station	1920
23	124	NE	Goods Station	1948
24G	173	E	Unspecified Tank	1920
25G	176	E	Unspecified Tank	1968
26G	176	E	Unspecified Tank	1989
27G	176	E	Unspecified Tank	1973
28G	176	E	Unspecified Tank	1948
29H	189	NW	Railway Building	1911
30	191	NW	Railway Building	1948
31I	193	NE	Unspecified Commercial/Industrial	1920
32I	193	NE	Unspecified Commercial/Industrial	1938
33	193	NE	Railway Building	1894

34H	194	NW	Engine Shed	1882
35H	194	NW	Railway Building	1894
36H	196	NW	Engine Shed	1948
37H	200	NW	Engine Shed	1938
38H	200	NW	Engine Shed	1920
39AM	208	N	Railway Building	1948
40J	210	N	Railway Building	1911
41J	214	N	Railway Building	1920
42J	214	N	Railway Building	1938
43J	214	N	Railway Building	1948
44J	216	N	Railway Building	1894
45K	225	N	Goods Station	1973
46K	225	N	Railway Building	1968
47BA	238	NW	Goods Station	1957
48	240	NW	Goods Station	1968
49L	269	N	Railway Building	1894
50L	271	N	Railway Building	1948
51M	289	SE	Tunnel	1920
52M	289	SE	Tunnel	1938
53N	290	N	Railway Building	1920
54M	291	SE	Tunnel	1957
55M	291	SE	Tunnel	1948
56M	291	SE	Tunnel	1968
57N	294	N	Railway Building	1957
58N	294	N	Railway Building	1948
59O	295	NE	Railway Building	1968
60O	295	NE	Railway Building	1973
61M	296	SE	Tunnel	1973
62M	296	SE	Tunnel	1989
63O	297	NE	Railway Buildings	1894
64N	298	N	Railway Building	1894
65O	299	NE	Railway Station	1920
66O	301	NE	Railway Building	1948
67P	314	SE	Tunnel	1989
68P	314	SE	Tunnel	1973
69	322	NE	Railway Building	1894
70	331	NE	Railway Building	1894
71Q	362	N	Railway Building	1894
72	364	N	Railway Building	1894
73	367	N	Unspecified Warehouses	1948
74Q	368	N	Railway Building	1968
75Q	368	N	Railway Building	1973
76	370	NW	Railway Station	1882
77R	372	N	Railway Building	1938
78R	372	N	Railway Building	1920
79R	373	N	Railway Building	1894

80S	400	SE	Railway Sidings	1989
81S	400	SE	Railway Sidings	1973
82T	402	N	Railway Building	1894
83X	403	NW	Railway Station	1911
84Y	403	NW	Railway Buildings	1948
85T	403	N	Unspecified Warehouse	1938
86T	403	N	Unspecified Warehouse	1920
87T	403	N	Unspecified Tank	1882
88U	405	SE	Railway Sidings	1938
89U	405	SE	Railway Sidings	1920
90V	406	SE	Railway Sidings	1968
91V	406	SE	Railway Sidings	1948
92V	406	SE	Railway Sidings	1957
93W	407	NW	Railway Building	1989
94W	407	NW	Railway Building	1973
95X	407	NW	Railway Station	1894
96T	408	N	Railway Building	1973
97T	408	N	Railway Building	1968
98X	409	NW	Railway Station	1948
99Y	411	NW	Railway Building	1957
100X	413	NW	Railway Station	1920
101X	413	NW	Railway Station	1938
102Z	417	SW	Unspecified Tank	1968
103Z	417	SW	Unspecified Tank	1989
104Z	418	SW	Unspecified Tank	1973
105AA	442	SE	Carriage Shed	1948
106AA	442	SE	Railway Building	1957
107AA	442	SE	Carriage Shed	1968
108AC	451	NE	Brewery	1948
109AB	454	NW	Railway Station	1957
110	457	SW	Unspecified Tank	1948
111AB	457	NW	Railway Station	1968
112AB	457	NW	Railway Station	1989
113AB	457	NW	Railway Station	1973
114AD	462	NW	Railway Building	1894
115AC	462	NE	Brewery	1920
116AC	462	NE	Brewery	1938
117	463	NE	Railway Station	1894
118AX	479	E	Electricity Railway Station	1948
119AA	488	SE	Carriage Shed	1920
120AA	488	SE	Carriage Shed	1938
121AD	489	NW	Railway Building	1894
122AE	492	E	Electricity Railway Station	1920
123AE	492	E	Electricity Railway Station	1938
124	496	SE	Railway Buildings	1989
125AA	496	SE	Carriage Shed	1973

126AE	497	E	London Transport Station	1968
127AE	497	E	London Transport Station	1989
128AE	497	E	London Transport Station	1973

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:

20

ID	Distance (m)	Direction	Use	Date
129AF	211	E	Unspecified Tank	1952
130AF	211	E	Unspecified Tank	1952
131AF	215	E	Unspecified Tank	1952
132AF	217	E	Unspecified Tank	1916
133AY	258	NE	Unspecified Tank	1896
134AG	273	NE	Unspecified Tank	1992
135AG	273	NE	Unspecified Tank	1991
136AG	273	NE	Unspecified Tank	1991
137AG	273	NE	Unspecified Tank	1986
138AP	304	NE	Unspecified Tank	1916
139	307	SW	Unspecified Tank	1875
140AH	331	SE	Unspecified Tank	1968
141AH	331	SE	Unspecified Tank	1969
142AI	372	NW	Unspecified Tank	1952
143AI	373	NW	Unspecified Tank	1952
144AI	373	NW	Unspecified Tank	1952
145T	401	N	Unspecified Tank	1896
146Y	418	NW	Unspecified Tank	1952
147Y	419	NW	Unspecified Tank	1952
148Y	419	NW	Unspecified Tank	1952

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:

90

ID	Distance (m)	Direction	Use	Date
149AJ	30	NE	Electricity Substation	1952

150AJ	32	NE	Electricity Substation	1952
151AJ	36	NE	Electricity Substation	1991
152AJ	36	NE	Electricity Substation	1987
153AJ	37	NE	Electricity Substation	1969
154AJ	37	NE	Electricity Substation	1968
155AJ	37	NE	Electricity Substation	1968
156AK	37	E	Electricity Substation	1971
157AJ	37	NE	Electricity Substation	1969
158AK	47	E	Electricity Substation	1971
159AK	47	E	Electricity Substation	1991
160AK	48	E	Electricity Substation	1987
161AK	48	E	Electricity Substation	1971
162AK	48	E	Electricity Substation	1968
163AL	87	W	Electricity Substation	1952
164AL	87	W	Electricity Substation	1969
165AL	87	W	Electricity Substation	1952
166AL	88	W	Electricity Substation	1987
167AL	88	W	Electricity Substation	1991
168AL	88	W	Electricity Substation	1995
169AL	88	W	Electricity Substation	1996
170AL	88	W	Electricity Substation	1991
171AM	194	N	Electricity Substation	1987
172AM	196	N	Electricity Substation	1969
173AN	222	W	Electricity Substation	1952
174AN	223	W	Electricity Substation	1952
175AN	223	W	Electricity Substation	1971
176AO	249	NE	Electricity Substation	1995
177AO	249	NE	Electricity Substation	1952
178AO	249	NE	Electricity Substation	1968
179AO	249	NE	Electricity Substation	1991
180AO	250	NE	Electricity Substation	1982
181AO	250	NE	Electricity Substation	1996
182AO	250	NE	Electricity Substation	1996
183AO	250	NE	Electricity Substation	1975
184AO	250	NE	Electricity Substation	1975
185C	281	N	Electricity Substation	1991
186AP	336	NE	Electricity Substation	1991
187AQ	336	NE	Electricity Substation	1986
188AQ	336	NE	Electricity Substation	1992
189AQ	337	NE	Electricity Substation	1952
190AQ	337	NE	Electricity Substation	1952
191AQ	337	NE	Electricity Substation	1991
192AQ	337	NE	Electricity Substation	1969
193AR	368	W	Electricity Substation	1952
194AR	368	W	Electricity Substation	1995
195AR	368	W	Electricity Substation	1996

196AR	370	W	Electricity Substation	1971
197AR	370	W	Electricity Substation	1968
198R	394	N	Electricity Substation	1995
199	396	N	Electricity Substation	1969
200AS	422	SE	Electricity Substation	1991
201AS	422	SE	Electricity Substation	1982
202AS	423	SE	Electricity Substation	1991
203AS	423	SE	Electricity Substation	1982
204AS	423	SE	Electricity Substation	1995
205AS	423	SE	Electricity Substation	1971
206AT	448	SE	Electricity Substation	1969
207AT	448	SE	Electricity Substation	1968
208AT	449	SE	Electricity Substation	1971
209AT	450	SE	Electricity Substation	1991
210AT	450	SE	Electricity Substation	1987
211AT	450	SE	Electricity Substation	1968
212AU	459	SW	Electricity Substation	1952
213AU	460	SW	Electricity Substation	1969
214AU	460	SW	Electricity Substation	1952
215AU	460	SW	Electricity Substation	1991
216AU	461	SW	Electricity Substation	1987
217AU	461	SW	Electricity Substation	1952
218AU	461	SW	Electricity Substation	1969
219AU	461	SW	Electricity Substation	1952
220AV	475	SW	Electricity Substation	1969
221AV	475	SW	Electricity Substation	1952
222AV	475	SW	Electricity Substation	1991
223AV	475	SW	Electricity Substation	1982
224AW	484	E	Electricity Substation	1952
225AW	484	E	Electricity Substation	1968
226AW	484	E	Electricity Substation	1971
227AW	484	E	Electricity Substation	1971
228AW	484	E	Electricity Substation	1952
229AW	485	E	Electricity Substation	1952
230AW	485	E	Electricity Substation	1952
231AW	485	E	Electricity Substation	1952
232AV	486	SW	Electricity Substation	1968
233AX	487	E	Electricity Substation	
234AX	487	E	Electricity Substation	
235AX	487	E	Electricity Substation	
236AV	488	SW	Electricity Substation	
237AV	488	SW	Electricity Substation	
238AV	488	SW	Electricity Substation	

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: 86

ID	Distance (m)	Direction	Use	Date
239AY	236	NE	Garages	1952
240AY	236	NE	Garage	1952
241AO	236	NE	Garages	1971
242AY	237	NE	Garage	1952
243AO	240	NE	Garages	1968
244AO	240	NE	Garages	1952
245AO	249	NE	Garages	1969
246AO	249	NE	Garages	1952
247AO	249	NE	Garages	1952
248AZ	283	SE	Garage	1952
249AZ	283	SE	Garage	1952
250AZ	283	SE	Garage	1952
251AZ	294	SE	Garages	1952
252AZ	294	SE	Garages	1952
253AZ	295	SE	Garages	1952
254AH	304	SE	Garages	1952
255AH	304	SE	Garages	1952
256AH	304	SE	Garages	1952
257BA	310	NW	Garage	1952
258BA	315	NW	Garage	1952
259BA	315	NW	Garage	1952
260BB	323	SE	Garages	1952
261BC	324	E	Vehicle Testing Station	1971
262BB	324	SE	Garages	1952
263BB	324	SE	Garages	1952
264BC	324	E	Vehicle Testing Station	1969
265BC	324	E	Vehicle Testing Station	1968

266BC	324	E	Vehicle Testing Station	1982
267BC	324	E	Vehicle Testing Station	1991
268BD	408	NE	Garage	1992
269BD	408	NE	Garage	1991
270BD	408	NE	Garage	1991
271BD	408	NE	Garage	1986
272BD	409	NE	Garage	1996
273BD	409	NE	Garage	1975
274BD	409	NE	Garage	1975
275BD	410	NE	Motor Body Works	1952
276BE	428	NE	Garage	1952
277BE	428	NE	Garage	1952
278BE	428	NE	Garage	1952
279	432	SE	Garages	1952
280AT	433	SE	Garages	1952
281AT	433	SE	Garages	1952
282BF	434	SE	Garages	1952
283BF	441	SE	Garages	1952
284BF	441	SE	Garages	1952
285BG	442	NE	Garage	1952
286BG	442	NE	Garage	1952
287BG	442	NE	Garage	1952
288BH	443	N	Garage	1987
289BH	443	N	Garage	1991
290BH	443	N	Garage	1991
291BH	443	N	Garage	1982
292AC	443	NE	Motor Engineering Works	1952
293AC	443	NE	Motor Engineering Works	1952
294AC	443	NE	Motor Engineering Works	1952
295BG	444	NE	Motor Body Works	1952
296BG	444	NE	Motor Body Works	1952
297BI	452	N	London Transport Garage	1995
298BI	452	N	London Transport Garage	1994
299BI	455	N	Garage	1965
300BI	455	N	London Transport Garage	1987
301BI	455	N	London Transport Garage	1991
302BI	455	N	London Transport Garage	1991
303BJ	463	N	London Transport Garage	1992
304BJ	463	N	London Transport Garage	1991
305BJ	463	N	London Transport Garage	1991
306BJ	463	N	London Transport Garage	1986
307BJ	463	N	London Transport Garage	1975
308BJ	463	N	London Transport Garage	1975
309BJ	463	N	London Transport Executive Garage	1963

310BJ	463	N	London Transport Executive Garage	1970
311BJ	463	N	Garage	1968
312BK	469	N	Garage	1970
313BK	470	N	Garage	1968
314BK	470	N	Garage	1991
315BK	470	N	Garage	1987
316BK	470	N	Garage	1991
317BK	470	N	Garage	1982
318BK	470	N	Garage	1965
319BL	483	NE	Motor Body Works	1952
320BL	483	NE	Motor Body Works	1952
321BL	483	NE	Motor Body Works	1952
322BM	495	NW	Garage	1972
323BM	495	NW	Garages	1952
324BM	495	NW	Garage	1963

1.6 Potentially Infilled Land

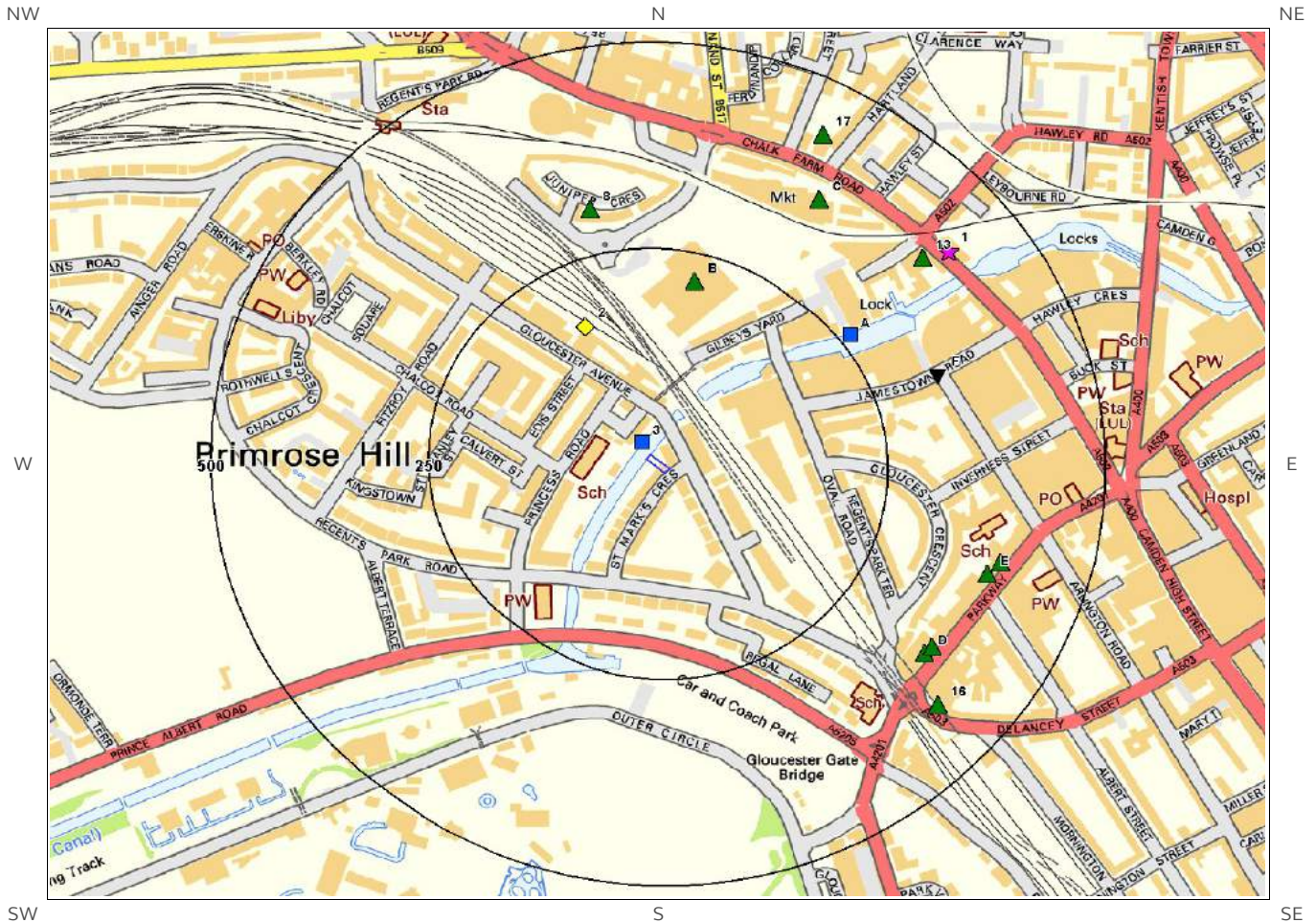
Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 24

The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

















ID	Distance(m)	Direction	Use	Date
325	1	NW	Canal	1894
326BN	2	NW	Canal	1973
327BN	2	NW	Canal	1968
328BN	2	NW	Canal	1989
329BN	2	NW	Canal	1957
330	4	NW	Canal	1882
331BO	5	NW	Canal	1920
332BO	5	NW	Canal	1938
333A	88	N	Tunnel	1989
334	100	NE	Canal	1882
335	186	NE	Canal	1882
336BP	222	SW	Canal	1911
337	224	SW	Canal	1948
338BP	229	S	Canal	1882
339P	289	SE	Tunnel	1920
340P	289	SE	Tunnel	1938
341M	291	SE	Tunnel	1968
342M	291	SE	Tunnel	1957
343M	291	SE	Tunnel	1948
344M	296	SE	Tunnel	1973
345M	296	SE	Tunnel	1989
346P	314	SE	Tunnel	1989

347P	314	SE	Tunnel	1973
348	500	S	Pond	1882

2. Environmental Permits, Incidents and Registers Map



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- | | | | | | |
|---|--------------------|---|-------------------------------|---|--|
|  | Site Outline |  | Recorded Pollution Incident |  | RAS 3 & 4 Authorisations |
|  | Search Buffers (m) |  | Dangerous Substances (List 1) |  | Part A(1) Authorised Processes and Historic IPC Authorisations |
|  | 250 |  | Dangerous Substances (List 2) |  | Part A(2) and Part B Authorised Processes |
|  | 500 |  | Water Industry Referrals |  | COMAH / NIHHS Sites |
| | |  | Licensed Discharge Consents |  | Sites Determined as Contaminated Land |
| | |  | Red List Discharge Consents |  | Hazardous Substance Consents and Enforcements |

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
2	171	NW	528295 184059	Name: Todd-ao Uk, 13 Hawley Crescent, London 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:

12

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
6B	214	N	528421 184113	Address: Wm Morrisons Supermarkets Plc, Chalk Farm Road, NW1 8AA Process: Dry Cleaning Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
7B	214	N	528421 184113	Address: Wm Morrisons Supermarkets plc, Chalk Farm Road, NW1 8AA Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
8	303	N	528300 184200	Address: Lex Volvo-regents Pk Bodyshop, Dumpton Place, Gloucester Ave, NW1 8JD Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
9C	363	NE	528564 184212	Address: Wm Morrisons Esso, 29 Chalk Farm Road, London, NW1 8AG Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
10C	363	NE	528564 184212	Address: Esso Chalk Farm Service Station, 29 Chalk Farm Road, London, NW1 8AG 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
11D	369	SE	528685 183662	Address: Smart Dry Cleaners, 104 Parkway, NW1 7AN Process: Dry Cleaning Status: Current 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	
12D	370	SE	528693 183670	Address: Smart Dry Cleaners, 104 Parkway, NW1 7AN Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
13	386	NE	528683 184141	Address: Safeways, Chalk Farm Road, London, NW1 8AA 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
14E	386	E	528757 183758	Address: Paradise Cleaners Ltd, 58 Parkway, NW1 7AH Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
15E	396	E	528772 183772	Address: Paradise Cleaners Ltd, 58 Parkway, NW1 7AH Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
16	420	SE	528700 183600	Address: Jet Parkway, NW1 7NY Process: Petrol Vapour Recovery Process Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
17	434	NE	528568 184291	Address: Esso 29, Chalk Farm Road, London, NW1 8AG 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

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

1

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
19F	327	E	528700 184000	Omnilabs (uk) Ltd, Bewlay House, 32 Jamestown Road, London, NW1 7BY	Omnilab s (uk) Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AE8755	Date of Approval:31/3/199 1 Effective from:31/3/1991 Last date of update:2015-01- 01	Revoked/ca n celled

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

3

The following Licensed Discharge Consents records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
3	18	NW	528360 183920	<p>Address: FITZROY BRIDGE OUTLET, PRIMROSE HIL, FITZROY BRIDGE OUTLET, PRIMROSE, HILL, CAMDEN, LONDON, -, -</p> <p>Effluent Type: TRADE DISCHARGES - COOLING WATER</p> <p>Permit Number: CTMR.0387</p> <p>Permit Version: 1</p> <p>Receiving Water: GRAND UNIONCANAL</p> <p>Status: TRANSFERRED FROM R(PP)A 1951-1961</p> <p>Issue date: 28/03/1980</p> <p>Effective Date: 28-Mar-1980</p> <p>Revocation Date: -</p>
4A	263	NE	528600 184050	<p>Address: 30 OVAL ROAD, CAMDEN TOWN, LONDON,, 30 OVAL ROAD, CAMDEN TOWN, LONDO, N, NW1 7DE, -, -</p> <p>Effluent Type: TRADE DISCHARGES - COOLING WATER</p> <p>Permit Number: CNTM.1566</p> <p>Permit Version: 1</p> <p>Receiving Water: GUC - PADDINGTON ARM</p> <p>Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995</p> <p>Issue date: 01/09/1994</p> <p>Effective Date: 01-Sep-1994</p> <p>Revocation Date: 01/10/1996</p>
5A	263	NE	528600 184050	<p>Address: 30 OVAL ROAD, CAMDEN TOWN, LONDON,, 30 OVAL ROAD, CAMDEN TOWN, LONDO, N, NW1 7DE, -, -</p> <p>Effluent Type: TRADE DISCHARGES - COOLING WATER</p> <p>Permit Number: CATM.2853</p> <p>Permit Version: 1</p> <p>Receiving Water: GUC - PADDINGTON ARM</p> <p>Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)</p> <p>Issue date: 01/04/1997</p> <p>Effective Date: 01-Apr-1997</p> <p>Revocation Date: 30/09/2005</p>

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:

1

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	414	NE	528712 184151	Incident Date: 09-Feb-2008 Incident Identification: 562771 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)

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

0

Database searched and no data found.

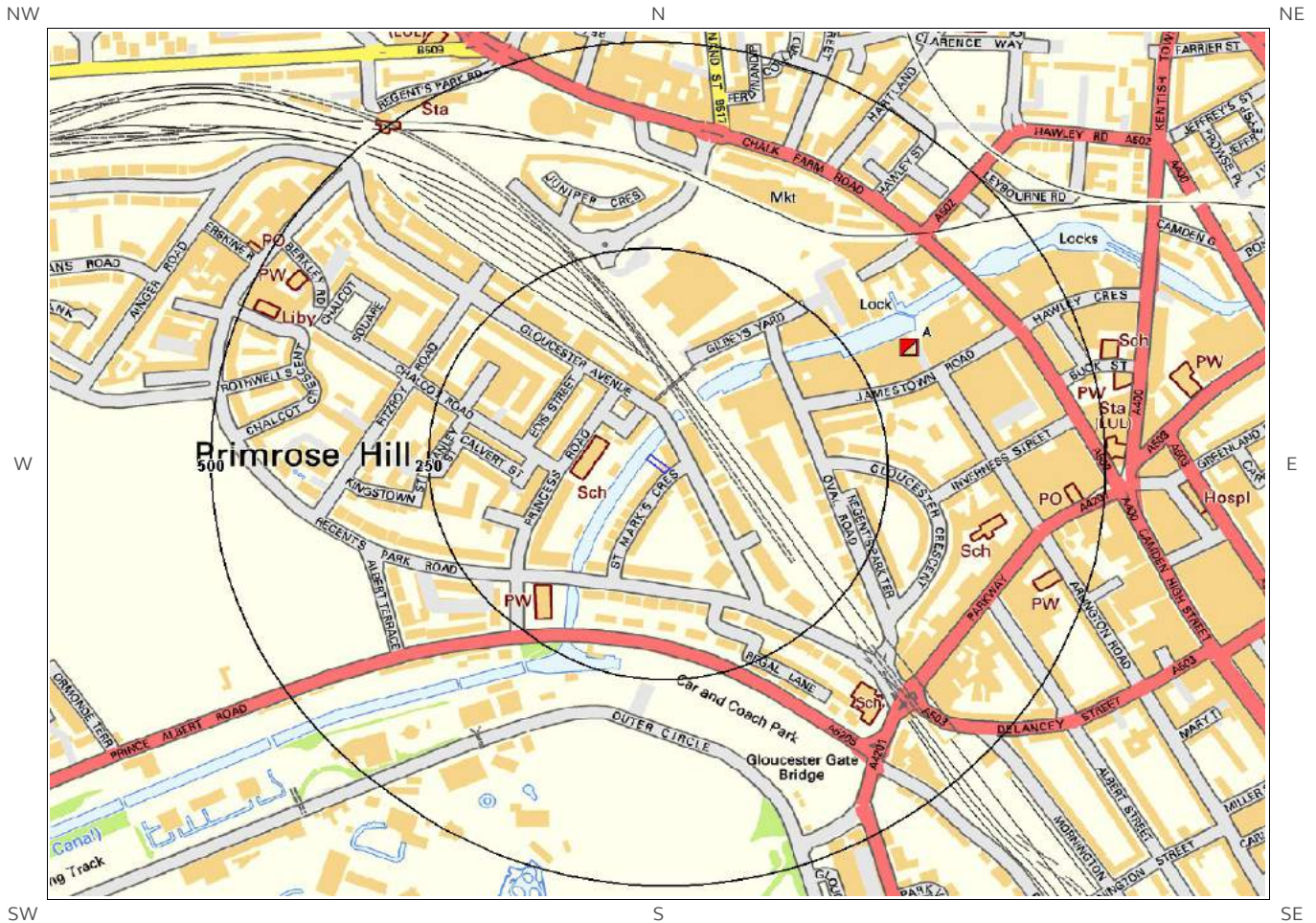
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

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



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- | | | | | | |
|---|------------------------|---|---------------------------|---|---|
|  | Site Outline |  | EA/NRW Active Landfill |  | Historic and Planned Waste Sites |
|  | 250 Search Buffers (m) |  | EA/NRW Historic Landfill |  | EA/NRW Licensed Waste Site |
|  | 500 Search Buffers (m) |  | BGS / DoE Survey Landfill |  | Local Authority/Historical Mapping Landfill Records |

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:

0

Database searched and no data found.

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:

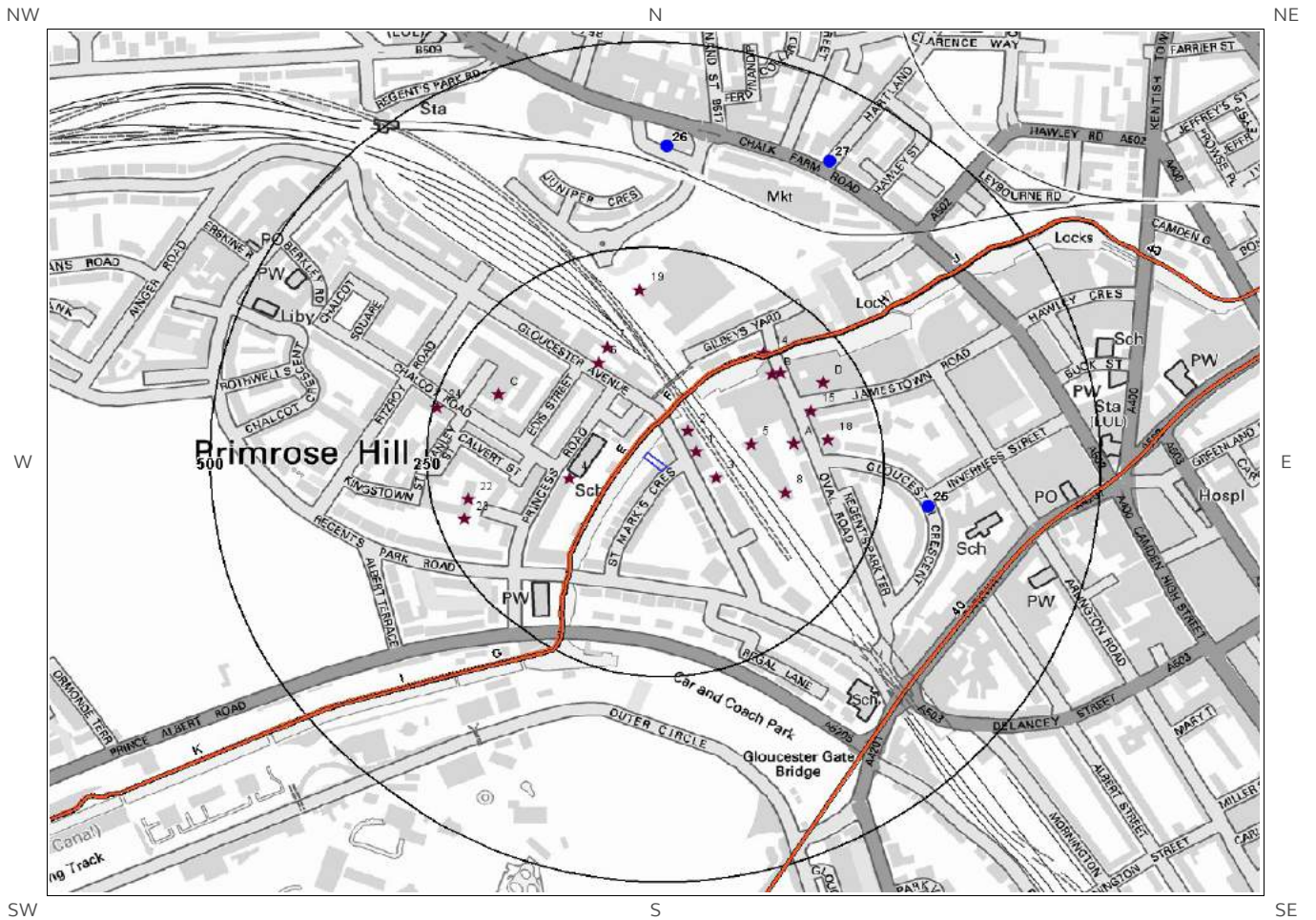
9

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:


ID	Distance (m)	Direction	NGR	Details
1A	311	NE	528667 184035	<p>Site Address: - Type: Household Waste Amenity Site Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: CAM003 EPR reference: - Operator: Camden London Borough Council Waste Management licence No: 80482 Annual Tonnage: 0.0</p> <p>Issue Date: 15/10/1994 Effective Date: - Modified: - Surrendered Date: 25/07/1997 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Jamestown Road Ca Site Correspondence Address: Camden LB Council, Town Hall Extension, Argyle Street, London, WC1H 8EQ</p>
2A	311	NE	528667 184035	<p>Site Address: - Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAM003 EPR reference: EA/EPR/UP3697NB/S002 Operator: Camden London Borough Council Waste Management licence No: 80482 Annual Tonnage: 20000.0</p> <p>Issue Date: 15/10/1994 Effective Date: - Modified: - Surrendered Date: 25/07/1997 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Jamestown Road CA Site Correspondence Address: -</p>
Not shown	1143	SW	527519 183131	<p>Site Address: Regents Park Office, The Store Yard, Inner Circle, Regents Park, London, NW1 4NR Type: Composting Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ROY003 EPR reference: EA/EPR/CB3106XV/A001 Operator: The Royal Parks Waste Management licence No: 401853 Annual Tonnage: 575.0</p> <p>Issue Date: 24/02/2015 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Regents Park Leaf Yard Correspondence Address: -</p>
Not shown	1231	E	529591 183605	<p>Site Address: - Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ARB001 EPR reference: EA/EPR/EP3491NW/A001 Operator: Arbuckle William David Waste Management licence No: 80302 Annual Tonnage: 1014.0</p> <p>Issue Date: 05/06/1997 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Arbuckle, St Pancras Way Correspondence Address: -</p>
Not shown	1287	N	528740 185138	<p>Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EP Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LWL001 EPR reference: EA/EPR/GB3230DW/T001 Operator: Londonwaste Limited Waste Management licence No: 80349 Annual Tonnage: 7793.0</p> <p>Issue Date: 10/12/1996 Effective Date: 11/05/2012 Modified: 25/01/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Regis Road Recycling Centre Correspondence Address: -</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	1287	N	528740 185138	<p>Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EP Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LWL001 EPR reference: EA/EPR/GB3230DW/T001 Operator: LondonWaste Ltd Waste Management licence No: 80349 Annual Tonnage: 7793.0</p> <p>Issue Date: 10/12/1996 Effective Date: 11/05/2012 Modified: 25/01/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Regis Road Recycling Centre Correspondence Address: -</p>
Not shown	1287	N	528740 185138	<p>Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EP Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAM001 EPR reference: EA/EPR/DP3091NK/V003 Operator: Camden London Borough Council Waste Management licence No: 80349 Annual Tonnage: 7793.0</p> <p>Issue Date: 10/12/1996 Effective Date: - Modified: 25/01/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Regis Road Recycling Centre Correspondence Address: -</p>
Not shown	1451	E	529843 183948	<p>Site Address: Murphy Ltd, British Rail Goods Yard, off York Way, Kings Cross, London, NW1 Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MUR002 EPR reference: - Operator: Murphy Limited Waste Management licence No: 80310 Annual Tonnage: 0.0</p> <p>Issue Date: 04/09/1995 Effective Date: - Modified: - Surrendered Date: 06/08/2002 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: "Murphy, Goods Way, Kings Cross" Correspondence Address: Murphy Limited, 2 Ashley House, Ashley Road, London, N17 9LZ</p>
Not shown	1451	E	529843 183948	<p>Site Address: Murphy Ltd, British Rail Goods Yard, off, York Way, Kings Cross, London, NW1 Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MUR002 EPR reference: EA/EPR/VP3591NC/S002 Operator: Murphy Ltd Waste Management licence No: 80310 Annual Tonnage: 7592.0</p> <p>Issue Date: 04/09/1995 Effective Date: - Modified: - Surrendered Date: 06/08/2002 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Murphy, Goods Way, Kings Cross Correspondence Address: -</p>

4. Current Land Use Map



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-  Site Outline
-  Current Industrial Sites
-  Electricity Transmission Cables
-  Search Buffers (m)
-  Petrol & Fuel Sites
-  Gas Transmission Pipelines

4. Current Land Uses

4.1 Current Industrial Data

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

24

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

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	39	NE	Beacon Scaffolding	528426 183907	36, Gloucester Avenue, London, NW1 7BB	Construction and Tool Hire	Hire Services
2	50	NE	Electricity Sub Station	528416 183932	NW1	Electrical Features	Infrastructure and Facilities
3	57	E	Electricity Sub Station	528449 183875	NW1	Electrical Features	Infrastructure and Facilities
4	89	W	Electricity Sub Station	528280 183874	NW1	Electrical Features	Infrastructure and Facilities
5	101	E	Autoglass	528489 183916	6 Centric Close, Oval Road, London, NW1 7EP	Vehicle Repair, Testing and Servicing	Repair and Servicing
6	123	NW	Warehouse	528314 184015	NW1	Container and Storage	Transport, Storage and Delivery
7	137	N	Warehouse	528323 184034	NW1	Container and Storage	Transport, Storage and Delivery
8	139	E	Speedy Hire Plc	528528 183857	1 Centric Close, Oval Road, London, NW1 7EP	Construction and Tool Hire	Hire Services
9A	148	E	H U M	528538 183916	31, Oval Road, London, NW1 7EA	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
10A	148	E	Ingealtoir	528538 183916	31, Oval Road, London, NW1 7EA	Structural Engineers	Engineering Services
11A	148	E	A Concept	528538 183916	31, Oval Road, London, NW1 7EA	Published Goods	Industrial Products
12B	166	NE	Electricity Sub Station	528513 184001	NW1	Electrical Features	Infrastructure and Facilities
13B	174	NE	Electricity Sub Station	528523 184003	NW1	Electrical Features	Infrastructure and Facilities
14	178	NE	Pumping Station	528503 184027	NW1	Water Pumping Stations	Industrial Features
15	179	NE	London Labels Ltd	528557 183956	20, Oval Road, London, NW1 7DJ	Stationery, Stamps, Tags and Labels	Industrial Products
16C	184	NW	Utopia Records Ltd	528198 183977	Utopia Village Chalcot Road, London, NW1 8LH	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
17C	184	NW	D Sound Recording	528197 183976	Unit 11 Utopia Village 7, Chalcot Road, London, NW1 8LH	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
18	188	E	Max Fordham LLP	528578 183921	42-43, Gloucester Crescent, London, NW1 7PE	Civil Engineers	Engineering Services
19	199	N	Electricity Sub Station	528360 184104	NW1	Electrical Features	Infrastructure and Facilities

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
20D	207	NE	T V Choice	528572 183990	Academic House 24-28, Oval Road, London, NW1 7DT	Published Goods	Industrial Products
21D	207	NE	That's Life Magazine	528572 183990	Academic House 24-28, Oval Road, London, NW1 7DT	Published Goods	Industrial Products
22	209	W	Tom Thumb	528162 183849	52, Auden Place, London, NW1 8ND	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
23	219	W	Electricity Sub Station	528159 183825	NW1	Electrical Features	Infrastructure and Facilities
24	246	W	Sew Much Fun	528126 183960	46, Chalcot Road, London, NW1 8LS	Textiles, Fabrics, Silk and Machinery	Industrial Products

4.2 Petrol and Fuel Sites

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

3

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
25	304	E	528693 183840	Obsolete	Parkway Filling Station, 120, Parkway, Parkway, Camden Town, London, Greater London, NW1 7AN	Not Applicable	Obsolete
26	374	N	528392 184278	Morrisons	Morrisons Camden, Chalk Farm Road, Chalk Farm Road, Chalk Farm, London, Greater London, NW1 8AA	No	Open
27	412	NE	528580 184260	Esso	Chalk Farm Service Station, Chalk Farm Road, Chalk Farm, London, Greater London, NW1 8AJ	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:

16

The following Underground Electricity Transmission Cable records are represented as linear features on the Current Land Use map:

ID	Distance (m)	Direction	Details
28E	15	NW	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
29E	16	NW	Cable Set: CITR4 - SJOW4 2 CABLE SECT 06 Cable Route: CITY ROAD - ST JOHNS WOOD 2 Cable Make: BICC OIL FILLED PB SHEATH 400KV CABLE Cable Type: A/C Operating Voltage (kV): 400 Year of installation: 1982 Cable in tunnel: -
30F	16	NW	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
31F	17	NW	Cable Set: CITR4 - SJOW4 1 CABLE SECT 06 Cable Route: CITY ROAD - ST JOHNS WOOD 1 Cable Make: BICC OIL FILLED PB SHEATH 400KV CABLE Cable Type: A/C Operating Voltage (kV): 400 Year of installation: 1982 Cable in tunnel: -
32G	122	SW	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
33G	132	SW	Cable Set: CITR4 - SJOW4 1 CABLE SECT 05 Cable Route: CITY ROAD - ST JOHNS WOOD 1 Cable Make: BICC OIL FILLED PB SHEATH 400KV CABLE Cable Type: A/C Operating Voltage (kV): 400 Year of installation: 1982 Cable in tunnel: -
34H	159	NE	Cable Set: CITR4 - SJOW4 2 CABLE SECT 07 Cable Route: CITY ROAD - ST JOHNS WOOD 2 Cable Make: BICC OIL FILLED PB SHEATH 400KV CABLE Cable Type: A/C Operating Voltage (kV): 400 Year of installation: 1982 Cable in tunnel: -
35H	168	NE	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
36I	190	SW	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
37I	198	SW	Cable Set: CITR4 - SJOW4 2 CABLE SECT 05 Cable Route: CITY ROAD - ST JOHNS WOOD 2 Cable Make: BICC OIL FILLED PB SHEATH 400KV CABLE Cable Type: A/C Operating Voltage (kV): 400 Year of installation: 1982 Cable in tunnel: -
38J	230	NE	Cable Set: CITR4 - SJOW4 1 CABLE SECT 07 Cable Route: CITY ROAD - ST JOHNS WOOD 1 Cable Make: BICC OIL FILLED PB SHEATH 400KV CABLE Cable Type: A/C Operating Voltage (kV): 400 Year of installation: 1982 Cable in tunnel: -

ID	Distance (m)	Direction	Details	
39J	240	NE	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
40	382	SE	Cable Route: LONDON POWER TUNNELS (PLANNED ROUTE) Cable Set: - Cable Make: -	Cable Type: A/C Operating Voltage (kV): 400 Year of installation: - Cable in tunnel: Y
41K	456	SW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
42K	466	SW	Cable Set: CITR4 - SJOW4 1 CABLE SECT 04 Cable Route: CITY ROAD - ST JOHNS WOOD 1 Cable Make: BICC OIL FILLED PB SHEATH 400KV CABLE	Cable Type: A/C Operating Voltage (kV): 400 Year of installation: 1982 Cable in tunnel: -
43	498	NE	Cable Set: CITR4 - SJOW4 2 CABLE SECT 08 Cable Route: CITY ROAD - ST JOHNS WOOD 2 Cable Make: BICC OIL FILLED PB SHEATH 400KV CABLE	Cable Type: A/C Operating Voltage (kV): 400 Year of installation: 1982 Cable in tunnel: -

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

Database searched and no data found.

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

5.3 Bedrock and Solid Geology

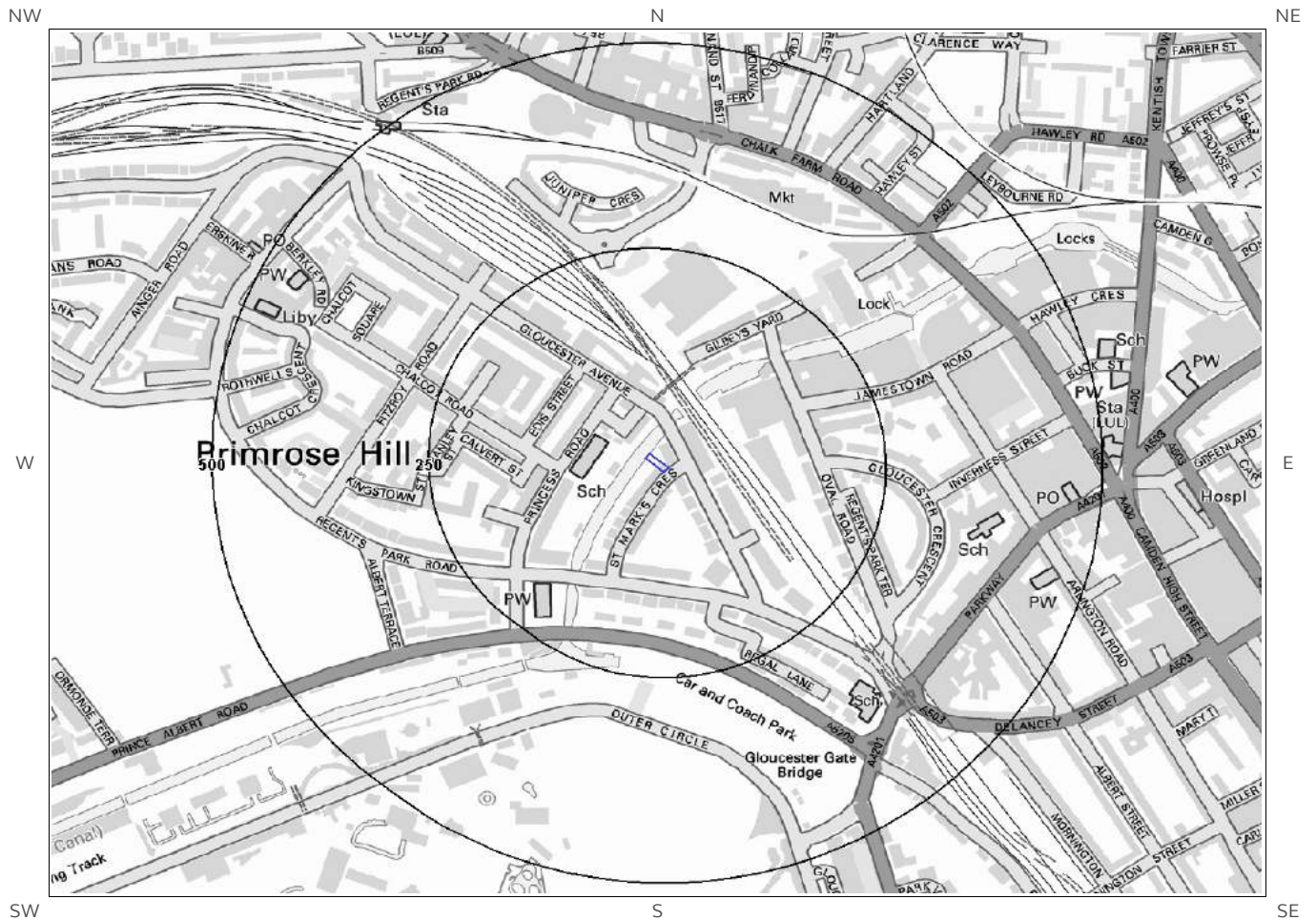
The database has been searched on site, including a 50m buffer.

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

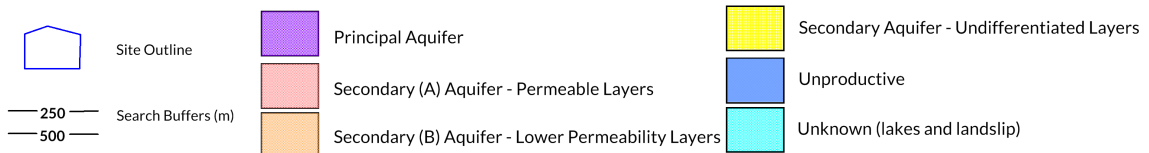
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

6a. Aquifer Within Superficial Geology



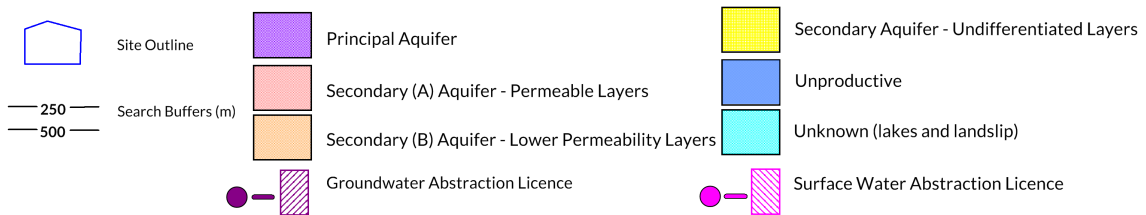
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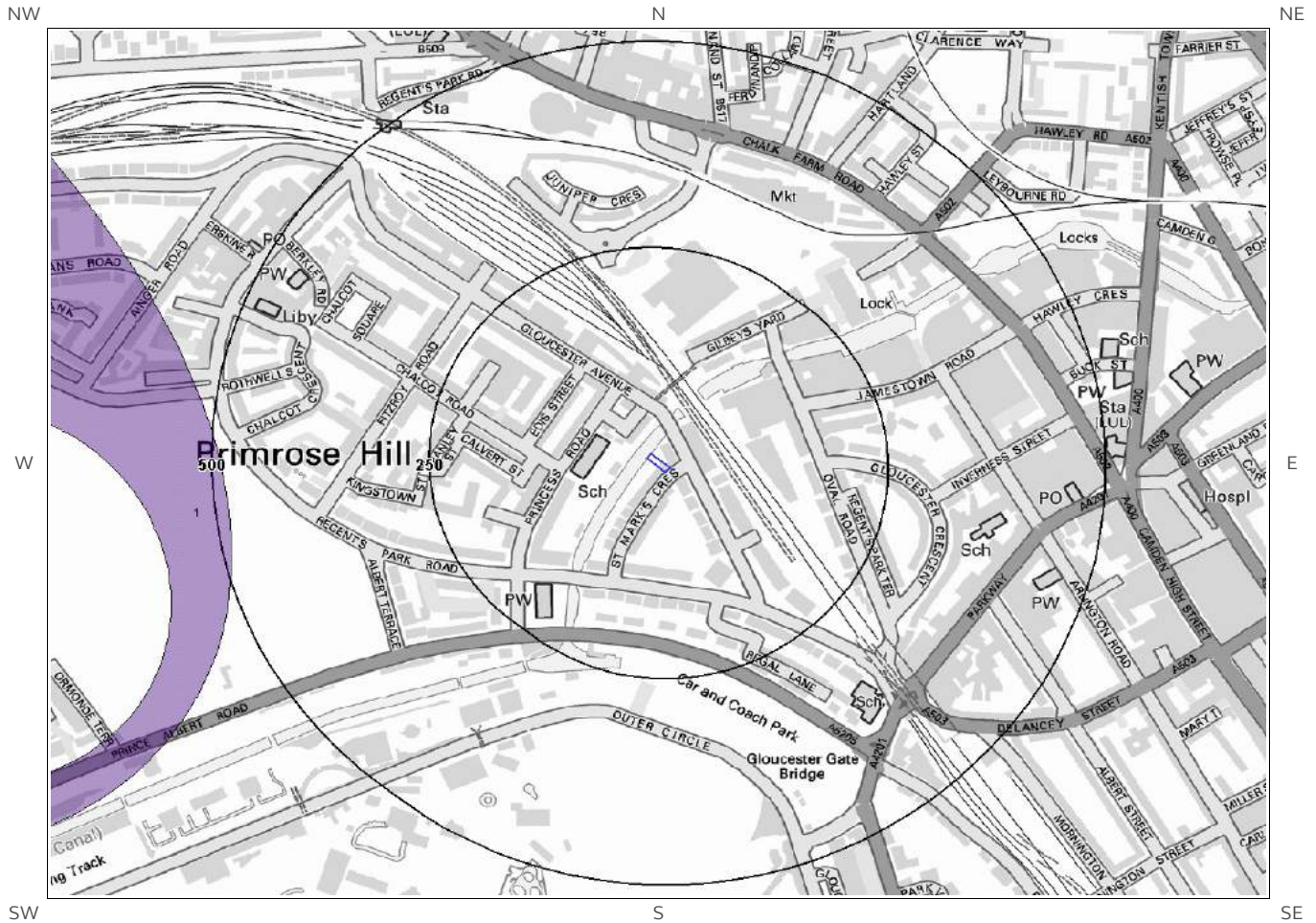
6b. Aquifer Within Bedrock Geology and Abstraction Licenses



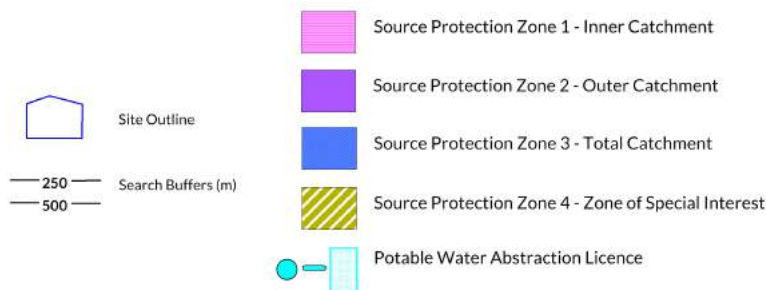
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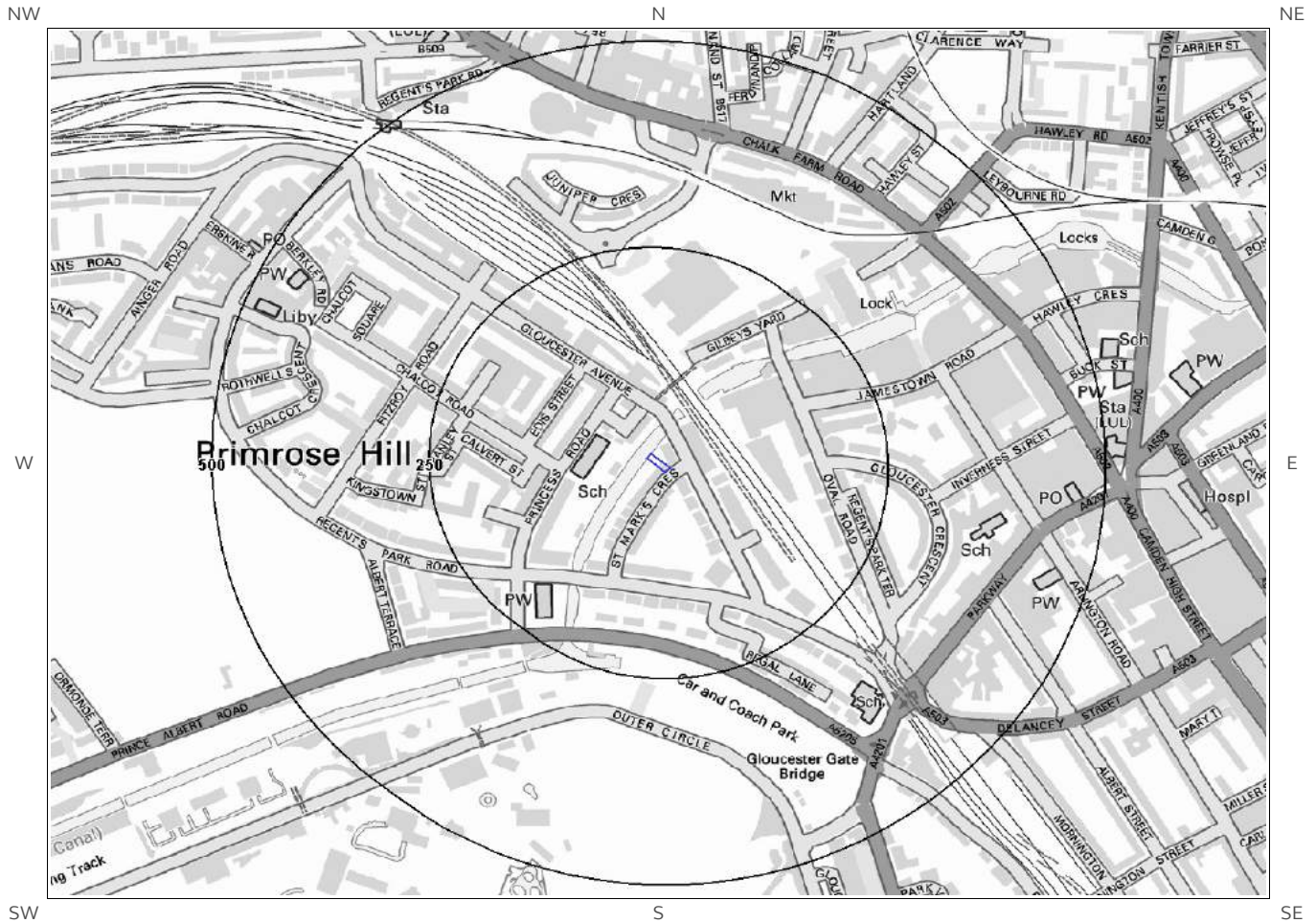
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



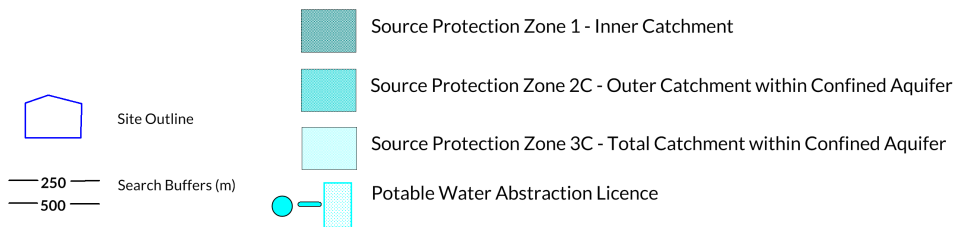
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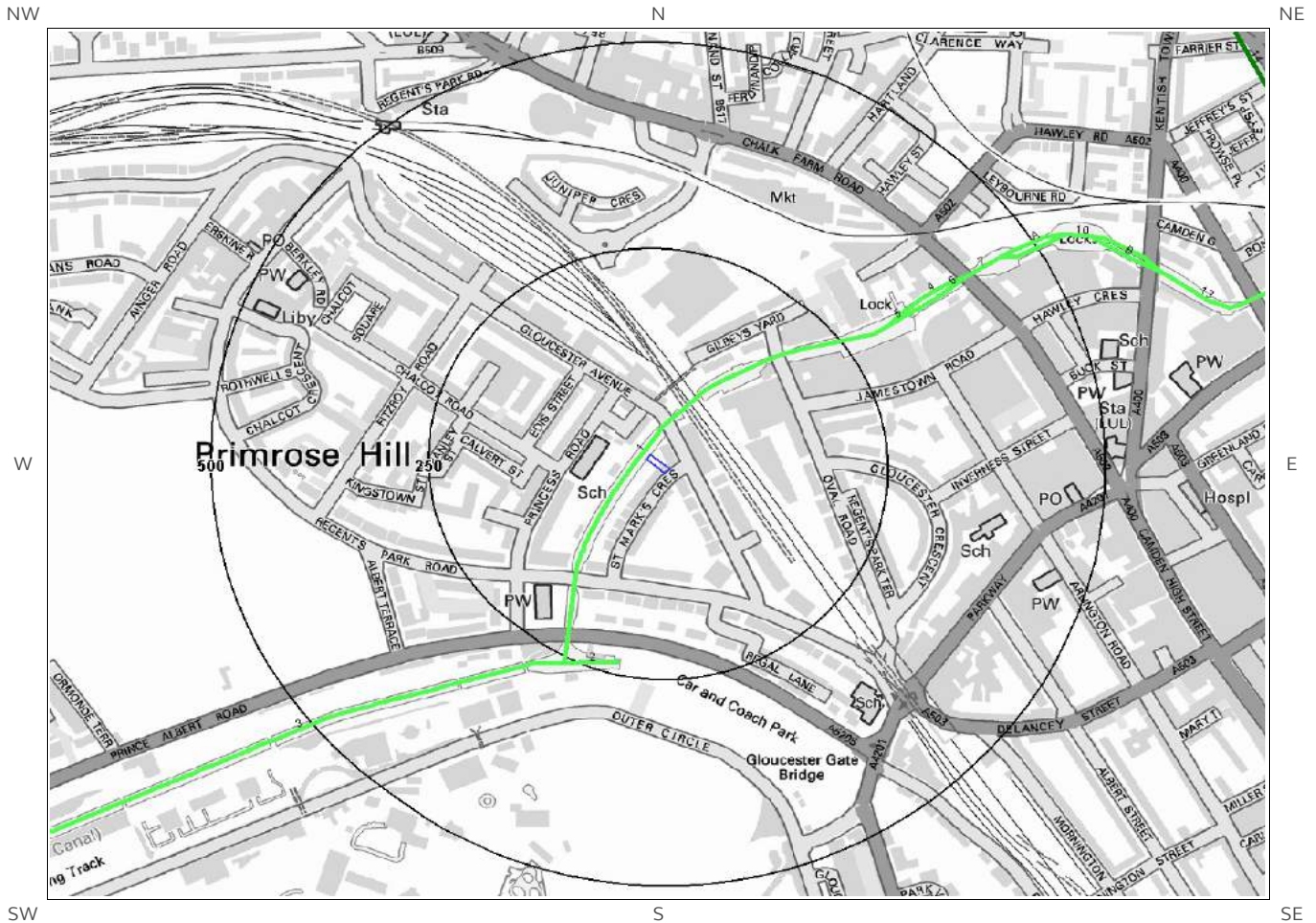
6d. Hydrogeology – Source Protection Zones within confined aquifer



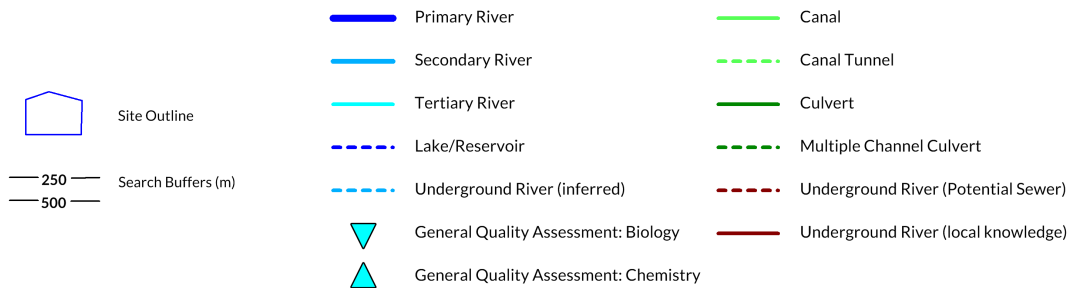
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6e. Hydrology – Detailed River Network and River Quality



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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? No

Database searched and no data found.

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.

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
2	618	SW	528000 183400	Status: Historical Licence No: 28/39/39/0035 Details: Animal Watering & General Use in non Farming situations Direct Source: Thames Groundwater Point: Borehole At Regent's Park, London Nw1 Data Type: Point Name: ZOOLOGICAL SOCIETY OF LONDON Annual Volume (m ³): 681.9 Max Daily Volume (m ³): 59 Original Application No: - Original Start Date: 4/4/1966 Expiry Date: - Issue No: 100 Version Start Date: 4/4/1966 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	755	W	527640 183690	<p>Status: Historical Licence No: 28/39/39/0202 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barrow Hill Pumping Station - Borehole Data Type: Point Name: THAMES WATER UTILITIES LTD</p> <p>Annual Volume (m³): 631000 Max Daily Volume (m³): 2000 Original Application No: WRA/2/2(24) Original Start Date: 26/9/2002 Expiry Date: 31/3/2007 Issue No: 1 Version Start Date: 26/9/2002 Version End Date:</p>
Not shown	755	W	527640 183690	<p>Status: Historical Licence No: 28/39/39/0231 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barrow Hill Pumping Station - Borehole Data Type: Point Name: THAMES WATER UTILITIES LTD</p> <p>Annual Volume (m³): 631000 Max Daily Volume (m³): 2000 Original Application No: WRA/R/1026 Original Start Date: 1/4/2007 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 1/4/2007 Version End Date:</p>
Not shown	756	W	527636 183697	<p>Status: Historical Licence No: TH/039/0039/058 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Barrow Hill Data Type: Point Name: THAMES WATER UTILITIES LTD</p> <p>Annual Volume (m³): 631000 Max Daily Volume (m³): 2000 Original Application No: NPS/WR/009229 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 1/4/2013 Version End Date:</p>
Not shown	904	NE	528800 184700	<p>Status: Historical Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Two Bores At Kentish Town Sports Centre, Prince Of Wales St Data Type: Point Name: GREENWICH LEISURE LTD</p> <p>Annual Volume (m³): 94506 Max Daily Volume (m³): 1813.8 Original Application No: NPS/WR/010565 Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: 5/4/2012 Version End Date:</p>
Not shown	904	NE	528800 184700	<p>Status: Historical Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Kentish Town Sports Centre, Prince Of Wales St Data Type: Point Name: GREENWICH LEISURE LIMITED</p> <p>Annual Volume (m³): 17997 Max Daily Volume (m³): 604.6 Original Application No: NPS/WR/010565 Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/5/2012 Version End Date:</p>
Not shown	904	NE	528800 184700	<p>Status: Historical Licence No: 28/39/39/0091 Details: Laundry Use Direct Source: Thames Groundwater Point: Two Bores At Kentish Town Sports Centre, Prince Of Wales St Data Type: Point Name: GREENWICH LEISURE LTD</p> <p>Annual Volume (m³): 94506 Max Daily Volume (m³): 1813.8 Original Application No: NPS/WR/010565 Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: 5/4/2012 Version End Date:</p>
Not shown	904	NE	528800 184700	<p>Status: Historical Licence No: 28/39/39/0091 Details: Process Water Direct Source: Thames Groundwater Point: Two Bores At Kentish Town Sports Centre, Prince Of Wales St Data Type: Point Name: GREENWICH LEISURE LTD</p> <p>Annual Volume (m³): 94506 Max Daily Volume (m³): 1813.8 Original Application No: NPS/WR/010565 Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: 5/4/2012 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	904	NE	528800 184700	Status: Historical Licence No: 28/39/39/0091 Details: Process Water Direct Source: Thames Groundwater Point: Kentish Town Sports Centre, Prince Of Wales St Data Type: Point Name: GREENWICH LEISURE LIMITED	Annual Volume (m ³): 17997 Max Daily Volume (m ³): 604.6 Original Application No: NPS/WR/010565 Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/5/2012 Version End Date:
Not shown	1535	E	529920 184040	Status: Historical Licence No: TH/039/0039/027 Details: General Use Relating To Secondary Category (High Loss) Direct Source: Thames Groundwater Point: Kings Cross Concrete Plant-borehole Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD	Annual Volume (m ³): 33400 Max Daily Volume (m ³): 200 Original Application No: NPS/WR/011609 Original Start Date: 21/4/2010 Expiry Date: 31/3/2019 Issue No: 2 Version Start Date: 13/8/2012 Version End Date:
Not shown	1535	E	529920 184040	Status: Historical Licence No: 28/39/39/0222 Details: General Use Relating To Secondary Category (High Loss) Direct Source: Thames Groundwater Point: Kings Cross Concrete Plant-borehole Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD	Annual Volume (m ³): 55200 Max Daily Volume (m ³): 200 Original Application No: GEN/39/ Original Start Date: 31/8/2006 Expiry Date: 31/3/2010 Issue No: 1 Version Start Date: 31/8/2006 Version End Date:
Not shown	1590	SW	527420 182620	Status: Historical Licence No: 28/39/39/0115 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Two Boreholes At Abbey Lodge, Park Road, London Nw8 Data Type: Point Name: WOOD MANAGEMENT TRUSTEES LTD	Annual Volume (m ³): 28640 Max Daily Volume (m ³): 100 Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/11/1991 Version End Date:
Not shown	1590	SW	527420 182620	Status: Historical Licence No: 28/39/39/0115 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Abbey Lodge, Park Road, London Nw8- two Boreholes Data Type: Point Name: ABBEY LODGE RTM COMPANY LIMITED	Annual Volume (m ³): 28640 Max Daily Volume (m ³): 100 Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 101 Version Start Date: 1/6/2006 Version End Date:
Not shown	1611	W	526800 184280	Status: Historical Licence No: 28/39/39/0219 Details: Spray Irrigation - Direct Direct Source: Thames Groundwater Point: Swiss Cottage Open Space- Borehole Data Type: Point Name: LONDON BOROUGH OF CAMDEN	Annual Volume (m ³): 10512 Max Daily Volume (m ³): 28.8 Original Application No: WRA/N/1407 Original Start Date: 12/8/2005 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 1/4/2008 Version End Date:
Not shown	1655	W	526750 184261	Status: Historical Licence No: TH/039/0039/087 Details: Lake & Pond Throughflow Direct Source: Thames Groundwater Point: Swiss Cottage Open Space- Borehole Data Type: Point Name: LONDON BOROUGH OF CAMDEN	Annual Volume (m ³): 10512 Max Daily Volume (m ³): 28.8 Original Application No: NPS/WR/014567 Original Start Date: 5/12/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 5/12/2013 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1655	W	526750 184261	<p>Status: Historical Licence No: TH/039/0039/087 Details: Spray Irrigation - Direct Direct Source: Thames Groundwater Point: Swiss Cottage Open Space- Borehole Data Type: Point Name: LONDON BOROUGH OF CAMDEN</p> <p>Annual Volume (m³): 10512 Max Daily Volume (m³): 28.8 Original Application No: NPS/WR/014567 Original Start Date: 5/12/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 5/12/2013 Version End Date:</p>
Not shown	1655	W	526750 184261	<p>Status: Historical Licence No: TH/039/0039/087 Details: General Washing/Process Washing Direct Source: Thames Groundwater Point: Swiss Cottage Open Space- Borehole Data Type: Point Name: LONDON BOROUGH OF CAMDEN</p> <p>Annual Volume (m³): 10512 Max Daily Volume (m³): 28.8 Original Application No: NPS/WR/014567 Original Start Date: 5/12/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 5/12/2013 Version End Date:</p>
Not shown	1659	S	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	1659	S	528407 182223	<p>Status: Historical 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	1861	S	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	1876	S	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	1953	S	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>

ID	Distance (m)	Direction	NGR	Details	
Not shown	1954	S	528480 181930	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	Annual Volume (m ³): 122400 Max Daily Volume (m ³): 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:
Not shown	1964	S	528480 181920	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	Annual Volume (m ³): - Max Daily Volume (m ³): - 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:
Not shown	1971	S	527800 182000	Status: Historical 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	Annual Volume (m ³): 56370 Max Daily Volume (m ³): 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:
Not shown	1971	S	527800 182000	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	Annual Volume (m ³): 56370 Max Daily Volume (m ³): 318 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 10/1/1994 Version End Date:
Not shown	1974	S	528470 181910	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	Annual Volume (m ³): - Max Daily Volume (m ³): - 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:

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	
29A	165	NE	528490 184020	Status: Historical Licence No: 28/39/39/0173 Details: Non-Evaporative Cooling Direct Source: Thames Surface Water - Non Tidal Point: Oval Road, Camden - Grand Union Regents Canal Data Type: Point Name: BRITISH WATERWAYS BOARD	Annual Volume (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: 8/12/1994 Expiry Date: - Issue No: 100 Version Start Date: 8/12/1994 Version End Date:

ID	Distance (m)	Direction	NGR	Details
30A	171	NE	528500 184020	Status: Active Licence No: 28/39/39/0164 Details: Non-Evaporative Cooling Direct Source: Thames Surface Water - Non Tidal Point: Southampton Bridge, London, Nw8 - Regents Canal Data Type: Point Name: Canal and River Trust Annual Volume (m ³): 7010000 Max Daily Volume (m ³): 19520 Application No: - Original Start Date: 18/7/1980 Expiry Date: - Issue No: 101 Version Start Date: 17/12/2007 Version End Date:
Not shown	1387	E	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: Camley Street Nature Park, London Data Type: Point Name: BRITISH WATERWAYS BOARD Annual Volume (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 18/9/1991 Version End Date:
Not shown	1387	E	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 (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: 18/9/1991 Expiry Date: - Issue No: 100 Version Start Date: 18/9/1991 Version End Date:
Not shown	1949	SW	527050 182460	Status: Active Licence No: 28/39/39/0164 Details: Non-Evaporative Cooling Direct Source: Thames Surface Water - Non Tidal Point: St John's Wood, London - Regents Canal Data Type: Point Name: Canal and River Trust Annual Volume (m ³): 7010000 Max Daily Volume (m ³): 19520 Application No: - Original Start Date: 18/7/1980 Expiry Date: - Issue No: 101 Version Start Date: 17/12/2007 Version End Date:
Not shown	1952	E	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 (m ³): 7010000 Max Daily Volume (m ³): 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
Not shown	755	W	527640 183690	Status: Historical Licence No: 28/39/39/0231 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barrow Hill Pumping Station - Borehole Data Type: Point Name: THAMES WATER UTILITIES LTD Annual Volume (m ³): 631000 Max Daily Volume (m ³): 2000 Original Application No: WRA/R/1026 Original Start Date: 1/4/2007 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	755	W	527640 183690	<p>Status: Historical Licence No: 28/39/39/0202 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barrow Hill Pumping Station - Borehole Data Type: Point Name: THAMES WATER UTILITIES LTD</p> <p>Annual Volume (m³): 631000 Max Daily Volume (m³): 2000 Original Application No: WRA/2/2(24) Original Start Date: 26/9/2002 Expiry Date: 31/3/2007 Issue No: 1 Version Start Date: Version End Date:</p>
Not shown	756	W	527636 183697	<p>Status: Active Licence No: TH/039/0039/058 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Barrow Hill Data Type: Point Name: THAMES WATER UTILITIES LTD</p> <p>Annual Volume (m³): 631000 Max Daily Volume (m³): 2000 Original Application No: NPS/WR/009229 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: Version End Date:</p>
Not shown	904	NE	528800 184700	<p>Status: Historical Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Two Bores At Kentish Town Sports Centre, Prince Of Wales St Data Type: Point Name: GREENWICH LEISURE LTD</p> <p>Annual Volume (m³): 94506 Max Daily Volume (m³): 1813.8 Original Application No: NPS/WR/010565 Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
Not shown	904	NE	528800 184700	<p>Status: Active Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Kentish Town Sports Centre, Prince Of Wales St Data Type: Point Name: GREENWICH LEISURE LIMITED</p> <p>Annual Volume (m³): 17997 Max Daily Volume (m³): 604.6 Original Application No: NPS/WR/010565 Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
Not shown	1590	SW	527420 182620	<p>Status: Historical Licence No: 28/39/39/0115 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Two Boreholes At Abbey Lodge, Park Road, London Nw8 Data Type: Point Name: WOOD MANAGEMENT TRUSTEES LTD</p> <p>Annual Volume (m³): 28640 Max Daily Volume (m³): 100 Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:</p>
Not shown	1590	SW	527420 182620	<p>Status: Active Licence No: 28/39/39/0115 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Abbey Lodge, Park Road, London Nw8- two Boreholes Data Type: Point Name: ABBEY LODGE RTM COMPANY LIMITED</p> <p>Annual Volume (m³): 28640 Max Daily Volume (m³): 100 Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
Not shown	1861	S	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>

ID	Distance (m)	Direction	NGR	Details
Not shown	1876	S	527800 182100	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 Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1971	S	527800 182000	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 Annual Volume (m ³): 56370 Max Daily Volume (m ³): 318 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1971	S	527800 182000	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 Annual Volume (m ³): 56370 Max Daily Volume (m ³): 318 Original Application No: NPS/WR/017647 Original Start Date: 13/12/1965 Expiry Date: - Issue No: 103 Version Start Date: Version End Date:

6.6 Source Protection Zones

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

The following Source Protection Zones records are represented on the SPZ and Potable Water Abstraction Map (6c):

ID	Distance (m)	Direction	Zone	Description
1	485	W	2	Outer catchment

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? No

Database searched and no data found.

6.9 River Quality

Is there any Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site? Yes

6.9.1 Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

The following Biological Quality records are shown on the Hydrology Map (6e):

ID	Distance (m)	Direction	NGR	River Quality Grade	Biological Quality Grade				
					2005	2006	2007	2008	2009
Not shown	786	E	529150 184100	River Name: Grand Union Canal (paddington Arm) Reach: Canal Feeder - Camden Road End/Start of Stretch: End of Stretch NGR	F	F	F	F	E

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? Yes

The following Detailed River Network records are represented on the Hydrology Map (6e):

ID	Distance (m)	Direction	Details	
1	8	NW	River Name: Grand Union Canal Regent's Canal Welsh River Name: - Alternative Name: -	River Type: Canal Main River Status: Currently Undefined
2	234	S	River Name: Cumberland Basin Welsh River Name: - Alternative Name: -	River Type: Canal Main River Status: Currently Undefined
3	257	SW	River Name: Grand Union Canal Regent's Canal Welsh River Name: - Alternative Name: -	River Type: Canal Main River Status: Currently Undefined

ID	Distance (m)	Direction	Details
4	303	NE	River Name: Grand Union Canal Regent's Canal Welsh River Name: - Alternative Name: - River Type: Canal Main River Status: Currently Undefined
5	303	NE	River Name: Grand Union Canal Regent's Canal Welsh River Name: - Alternative Name: - River Type: Canal Main River Status: Currently Undefined
6	350	NE	River Name: Grand Union Canal Regent's Canal Welsh River Name: - Alternative Name: - River Type: Canal Main River Status: Currently Undefined
7	413	NE	River Name: Grand Union Canal Regent's Canal Welsh River Name: - Alternative Name: - River Type: Canal Main River Status: Currently Undefined
8A	460	NE	River Name: Grand Union Canal Regent's Canal Welsh River Name: - Alternative Name: - River Type: Canal Main River Status: Currently Undefined
9A	460	NE	River Name: Grand Union Canal Regent's Canal Welsh River Name: - Alternative Name: - River Type: Canal Main River Status: Currently Undefined

6.11 Surface Water Features

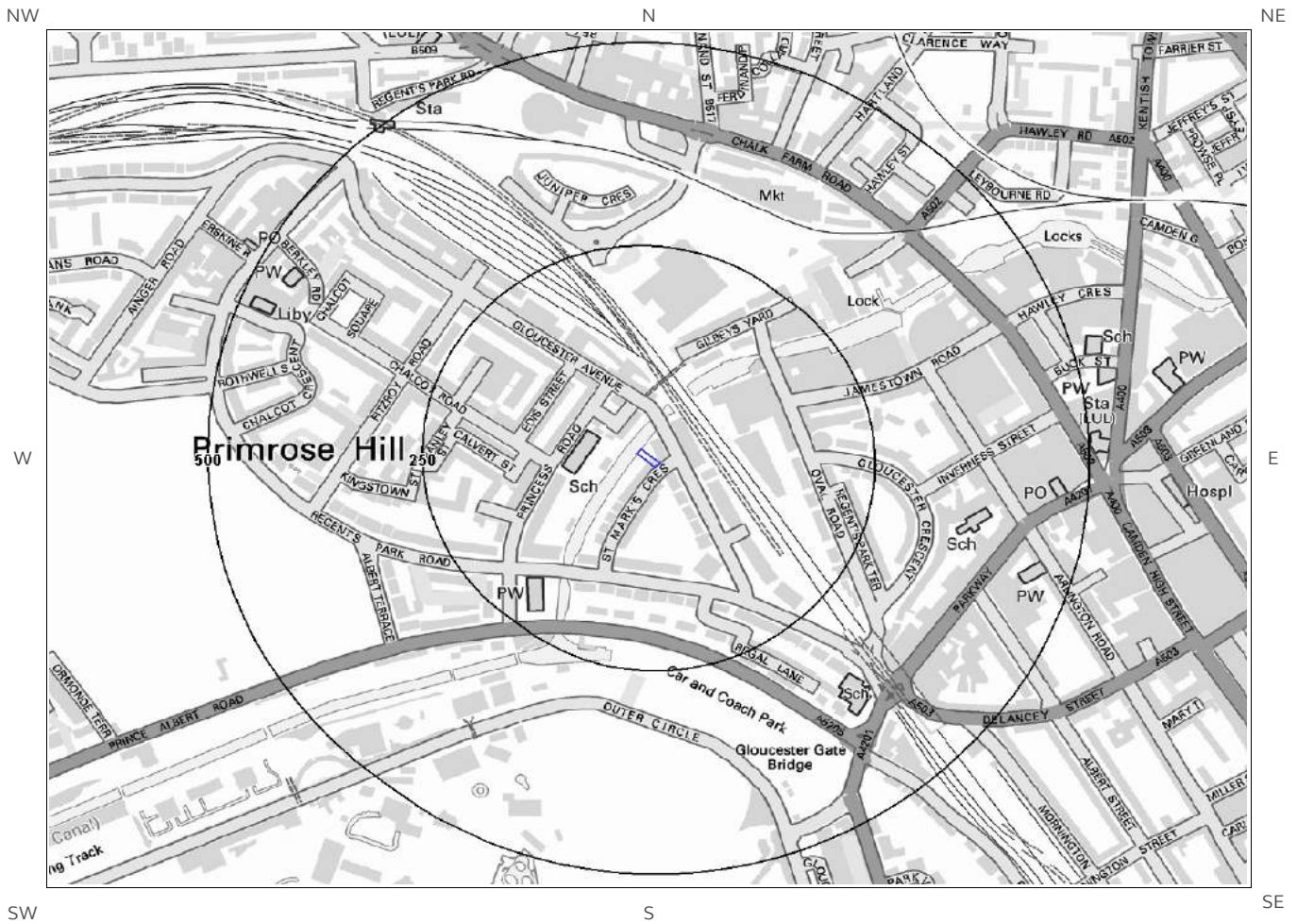
Are there any surface water features within 250m of the study site?

Yes

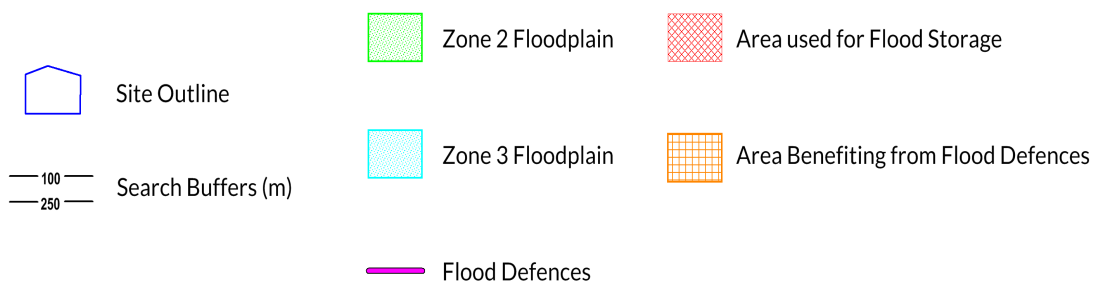
The following surface water records are not represented on mapping:

Distance (m)	Direction
0	On Site
49	NE
90	NE
167	SW
188	NE
227	S

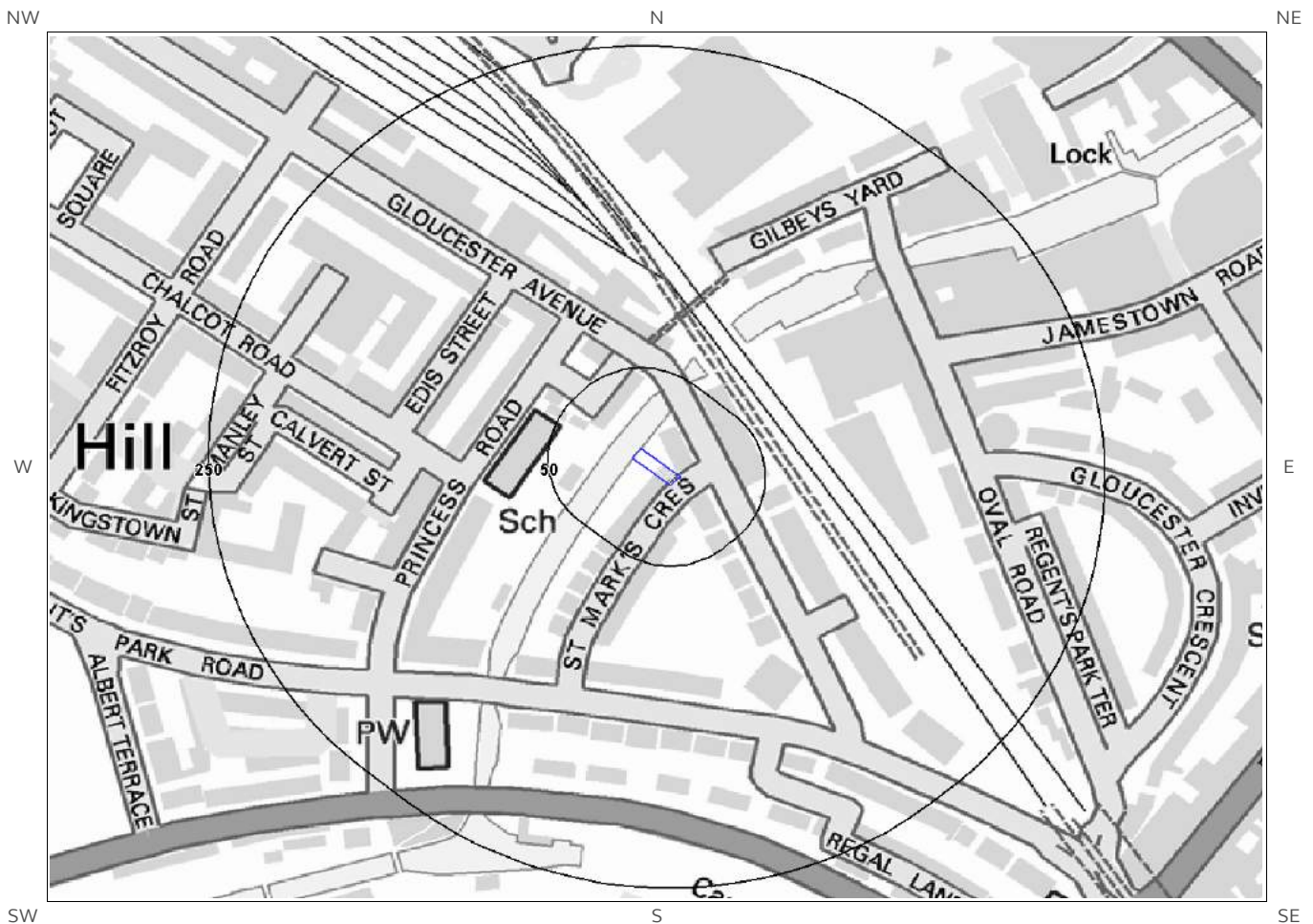
7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)



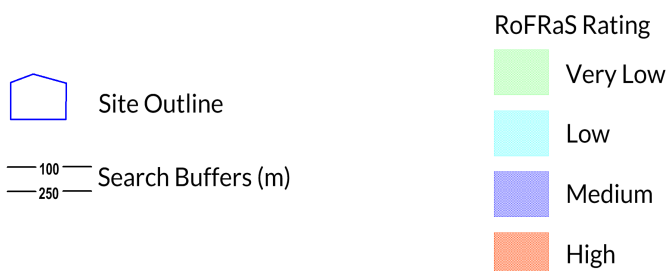
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7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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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? No

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?

Not Prone

The area is not considered to be prone to groundwater flooding based on rock type.

7.8 Groundwater Flooding Confidence Areas

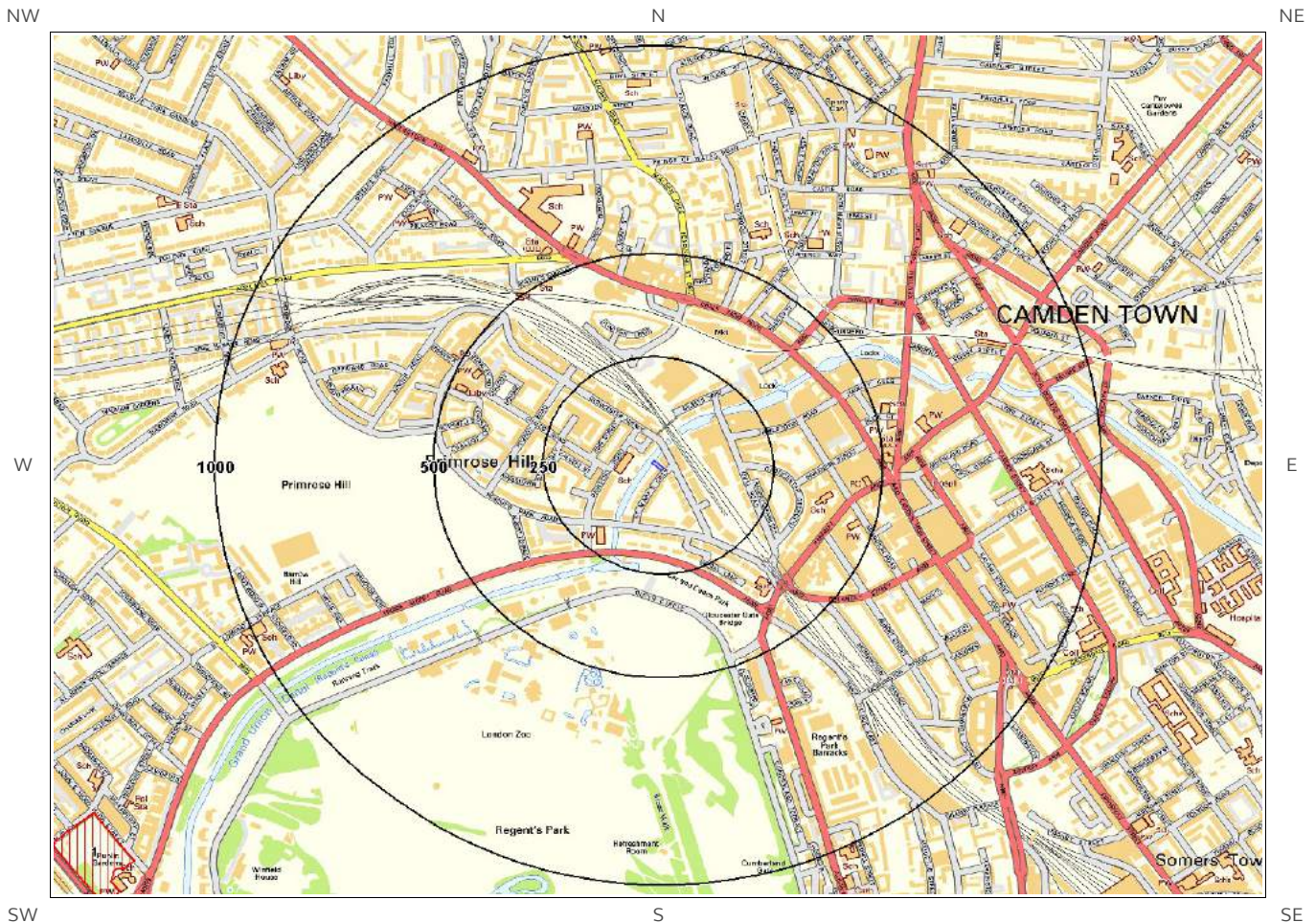
What is the British Geological Survey confidence rating in this result?

Not Applicable

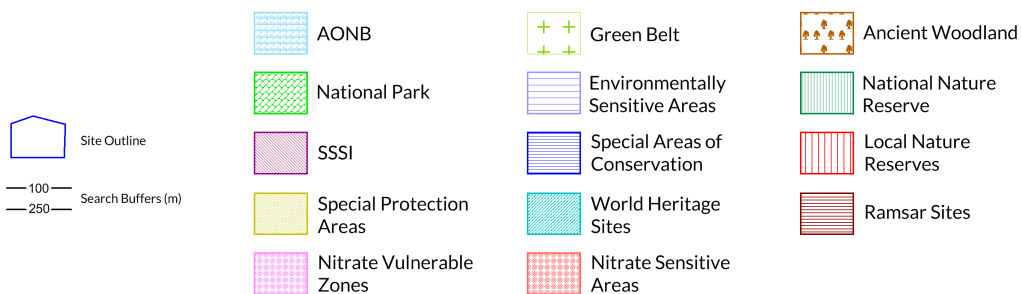
Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

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:

3

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
1	1523	SW	St John's Wood Church Grounds	Natural England
Not shown	1554	E	Camley Street Nature Park	Natural England
Not shown	1570	NW	Belsize Wood	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? Moderate

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

Hazard
Ground conditions predominantly high plasticity. Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a probable increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a probable increase in insurance risk during droughts or where vegetation with high moisture demands is present.

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? Negligible

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

Hazard
No indicators for running sand identified. 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

Groundsure Helpline
Telephone: 08444 159 000
info@groundsure.com

British Geological Survey Enquiries

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Keyworth, Nottingham NG12 5GG
Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email:

Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries:
enquiries@bgs.ac.uk

Environment Agency

National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 03708 506 506

Web: www.environment-agency.gov.uk

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