

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: 95

ID	Distance [m]	Direction	Use	Date
1A	185	E	Unspecified Workhouse	1911
2A	186	E	Hospital	1968
3A	186	E	Hospital	1989
4A	186	E	Hospital	1973
5A	186	E	Hospital	1957
6	187	E	Unspecified Workhouse	1894
7A	187	E	Unspecified Workhouse	1882
8B	199	NE	Stores	1938
9B	199	NE	Stores	1920
10B	208	NE	Unspecified Stores	1948
11C	211	E	Infirmery	1920
12C	211	E	Infirmery	1938
13	218	E	Hospital	1948
14C	220	E	Hospital	1989
15E	225	NE	Railway Sidings	1973
16AW	226	E	Burial Ground	1882
17	237	NE	Railway Sidings	1894
18	239	NE	Railway Sidings	1911
19D	240	NE	Railway Sidings	1938
20D	240	NE	Railway Sidings	1920
21E	246	NE	Railway Sidings	1968
22E	246	NE	Railway Sidings	1948
23E	246	NE	Railway Sidings	1957
24	265	SW	Electricity Railway Station	1948
25F	269	SW	London Transport Station	1989
26F	269	SW	London Transport Station	1968
27F	269	SW	London Transport Station	1973
28F	274	SW	Unspecified Station	1920
29F	274	SW	Unspecified Station	1938
30	299	NE	Goods Depot	1911
31G	301	N	Fire Station	1973
32G	301	N	Fire Station	1968
33	309	NE	Goods Depot	1882
34	309	NE	Railway Sidings	1882

35T	311	N	Unspecified Works	1968
36AY	315	NE	Railway Buildings	1973
37	315	NE	Coal Depot	1948
38	334	E	Hospital	1948
39H	345	NE	Goods Depot	1920
40H	345	NE	Goods Depot	1938
41H	347	NE	Goods Depot	1894
42I	354	N	Coal Depot	1920
43I	354	N	Coal Depot	1938
44H	355	NE	Goods Depot	1968
45H	355	NE	Goods Depot	1973
46H	355	NE	Goods Depot	1948
47H	355	NE	Goods Depot	1957
48	356	NE	Goods Shed	1882
49	365	E	Unspecified Tank	1948
50	389	NE	Unspecified Warehouse	1989
51L	392	E	Railway Sidings	1989
52	395	E	Railway Sidings	1911
53K	408	NW	Hospital	1948
54J	409	N	Smithy	1920
55J	409	N	Smithy	1938
56K	410	NW	Hospital	1989
57K	410	NW	Hospital	1973
58K	410	NW	Hospital	1968
59J	412	N	Smithy	1948
60K	413	NW	Hospital	1920
61K	413	NW	Hospital	1938
62AZ	429	E	Tunnel	1973
63L	430	E	Railway Station	1911
64	430	NE	Unspecified Depots	1989
65M	439	SE	Coal Depot	1968
66M	439	SE	Coal Depot	1957
67M	439	SE	Coal Depot	1948
68N	440	E	Unspecified Heap	1920
69N	440	E	Unspecified Heap	1938
70	455	SE	Railway Sidings	1882
71O	459	SE	Railway Building	1938
72O	459	SE	Railway Building	1920
73	459	E	Railway Building	1973
74P	460	E	Railway Building	1938
75P	460	E	Railway Building	1920
76Q	463	E	Coal Shoots	1938
77Q	463	E	Coal Shoots	1920
78P	465	E	Railway Building	1911
79	468	E	Railway Sidings	1911
80O	468	SE	Railway Building	1948

81P	473	E	Coal Shoots	1968
82	479	N	Railway Building	1894
83	486	E	Railway Building	1973
84R	487	NE	Goods Depot	1938
85R	487	NE	Goods Depot	1920
86AV	491	NE	Railway Building	1894
87	492	E	Goods Depot	1882
88	496	E	Railway Building	1973
89	498	N	Railway Building	1894
90S	499	NE	Freightliner Terminal	1989
91S	499	NE	Unspecified Commercial/Industrial	1973
92S	499	NE	Unspecified Commercial/Industrial	1968
93S	499	NE	Unspecified Commercial/Industrial	1948
94S	499	NE	Unspecified Commercial/Industrial	1957
95	500	N	Railway Buildings	1948

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:

14

ID	Distance (m)	Direction	Use	Date
96	165	E	Unspecified Tank	1993
97	167	E	Tank or Trough	1876
98	302	N	Unspecified Tank	1875
99AD	322	N	Unspecified Tank	1952
100AE	335	N	Tank or Trough	1875
101T	373	N	Unspecified Tank	1951
102U	422	SE	Unspecified Tank	1951
103U	422	SE	Unspecified Tank	1952
104V	441	NE	Unspecified Tank	1993
105V	442	NE	Unspecified Tank	1991
106V	442	NE	Unspecified Tank	1984
107V	442	NE	Unspecified Tank	1986
108V	443	NE	Unspecified Tank	1986
109	479	S	Unspecified Tank	1896

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:

94

ID	Distance (m)	Direction	Use	Date
110W	47	N	Electricity Substation	1987
111W	47	N	Electricity Substation	1984
112W	47	N	Electricity Substation	1991
113X	56	SE	Electricity Substation	1987
114X	56	SE	Electricity Substation	1991
115X	56	SE	Electricity Substation	1984
116X	57	SE	Electricity Substation	1994
117X	57	SE	Electricity Substation	1968
118X	57	SE	Electricity Substation	1968
119Y	124	NE	Electricity Substation	1991
120Y	124	NE	Electricity Substation	1984
121Y	124	NE	Electricity Substation	1987
122Y	124	NE	Electricity Substation	1968
123Y	125	NE	Electricity Substation	1968
124Y	126	NE	Electricity Substation	1994
125Z	128	E	Electricity Substation	1991
126Z	128	E	Electricity Substation	1986
127Z	129	E	Electricity Substation	1986
128Z	130	E	Electricity Substation	1993
129AA	187	E	Electricity Substation	1991
130AA	187	E	Electricity Substation	1982
131AA	187	E	Electricity Substation	1986
132AA	187	E	Electricity Substation	1984
133AA	188	E	Electricity Substations	1952
134AA	188	E	Electricity Substations	1968
135AA	188	E	Electricity Substations	1951
136AA	188	E	Electricity Substations	1968
137AA	188	E	Electricity Substation	1993
138AA	193	E	Electricity Substation	1986
139AB	265	W	Electricity Substations	1994
140AB	266	W	Electricity Substations	1991
141AB	266	W	Electricity Substations	1984
142AB	266	W	Electricity Substations	1987
143AC	269	SW	Electricity Substation	1972
144AC	270	SW	Electricity Substation	1986
145AD	292	N	Electricity Works	1968
146AE	293	N	Electricity Works	1984

147T	307	N	Generating Station	1951
148T	307	N	Generating Station	1952
149T	307	N	Electricity Works	1968
150AE	314	N	Electricity Works	1968
151G	317	N	Electricity Substation	1984
152G	317	N	Electricity Substation	1991
153G	317	N	Electricity Substation	1987
154G	318	N	Electricity Substation	1968
155G	319	N	Electricity Substation	1994
156AE	339	N	Electricity Substation	1994
157AE	345	N	Electricity Substation	1991
158AE	345	N	Electricity Substation	1987
159AF	365	NE	Electricity Substation	1982
160AF	365	NE	Electricity Substation	1991
161AF	365	NE	Electricity Substation	1984
162AF	365	NE	Electricity Substation	1986
163AF	366	NE	Electricity Substation	1993
164AF	367	NE	Electricity Substation	1986
165AG	386	W	Electricity Substation	1982
166AG	386	W	Electricity Substation	1991
167AG	386	W	Electricity Substation	1971
168AG	386	W	Electricity Substation	1969
169AG	386	W	Electricity Substation	1995
170AH	402	N	Electricity Board Depot	1969
171AH	402	N	Electricity Board Depot	1982
172AH	403	N	Electricity Board Depot	1968
173AI	405	W	Electricity Substation	1976
174AI	405	W	Electricity Substation	1991
175AI	405	W	Electricity Substation	1990
176N	449	E	Electricity Substation	1991
177N	449	E	Electricity Substation	1986
178N	449	E	Electricity Substation	1993
179N	450	E	Electricity Substation	1986
180AJ	472	S	Electricity Substation	1972
181AJ	473	S	Electricity Substation	1991
182AJ	473	S	Electricity Substation	1986
183AK	485	E	Electricity Substation	1991
184AK	485	E	Electricity Substation	1984
185AK	485	E	Electricity Substation	1986
186AK	485	E	Electricity Substation	1982
187AK	486	E	Electricity Substation	1968
188AK	486	E	Electricity Substation	1986
189AK	486	E	Electricity Substation	1968
190AK	487	E	Electricity Substation	1993
191AL	493	S	Electricity Substation	1952
192AL	494	S	Electricity Substation	1991

193AL	494	S	Electricity Substation	1986
194AL	494	S	Electricity Substation	1952
195AL	494	S	Electricity Substation	1972
196AM	495	W	Electricity Substation	1952
197AM	495	W	Electricity Substation	1969
198AM	495	W	Electricity Substation	1952
199AM	495	W	Electricity Substation	1971
200AM	495	W	Electricity Substation	1952
201AM	495	W	Electricity Substation	1968
202AM	495	W	Electricity Substation	1982
203AM	495	W	Electricity Substation	1991

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: 29

ID	Distance (m)	Direction	Use	Date
204AP	159	N	General Post Office Garages and Workshops	1984
205AN	181	NE	General Post Office Garages and Workshops	1982
206AN	181	NE	General Post Office Garages and Workshops	1984
207AO	182	NE	Garage	1986
208AO	182	NE	Garage	1991
209	204	N	General Post Office Garages and Workshops	1968
210AP	204	N	General Post Office Garages and Workshops	1968
211AQ	217	W	Car Body Works	1952
212AQ	221	W	Car Body Works	1951
213AQ	224	W	Garage	1994
214AQ	225	W	Garage	1987

215AQ	225	W	Garage	1991
216	255	N	Garage	1961
217AR	256	N	General Post Office Garages and Workshops	1968
218AR	256	N	Post Office Garage	1986
219AS	321	W	Car Body Works	1952
220AS	327	NW	Car Body Works	1951
221BA	414	E	Carriage Shed	1876
222AT	457	N	Repair Shed	1952
223AT	457	N	Repair Shed	1968
224AT	457	N	Repair Shed	1952
225AT	457	N	Road Transport Repair Shed	1952
226AT	457	N	Road Transport Repair Shed	1952
227AT	457	N	Road Transport Repair Shed	1969
228AU	488	SW	Garage	1986
229AU	488	SW	Garage	1991
230AV	495	E	Engine Shed and Workshops	1951
231AV	496	E	Engine Shed and Workshops	1952
232AV	497	E	Locomotive and Carriage Repairing Sheds	1875

1.6 Potentially Infilled Land

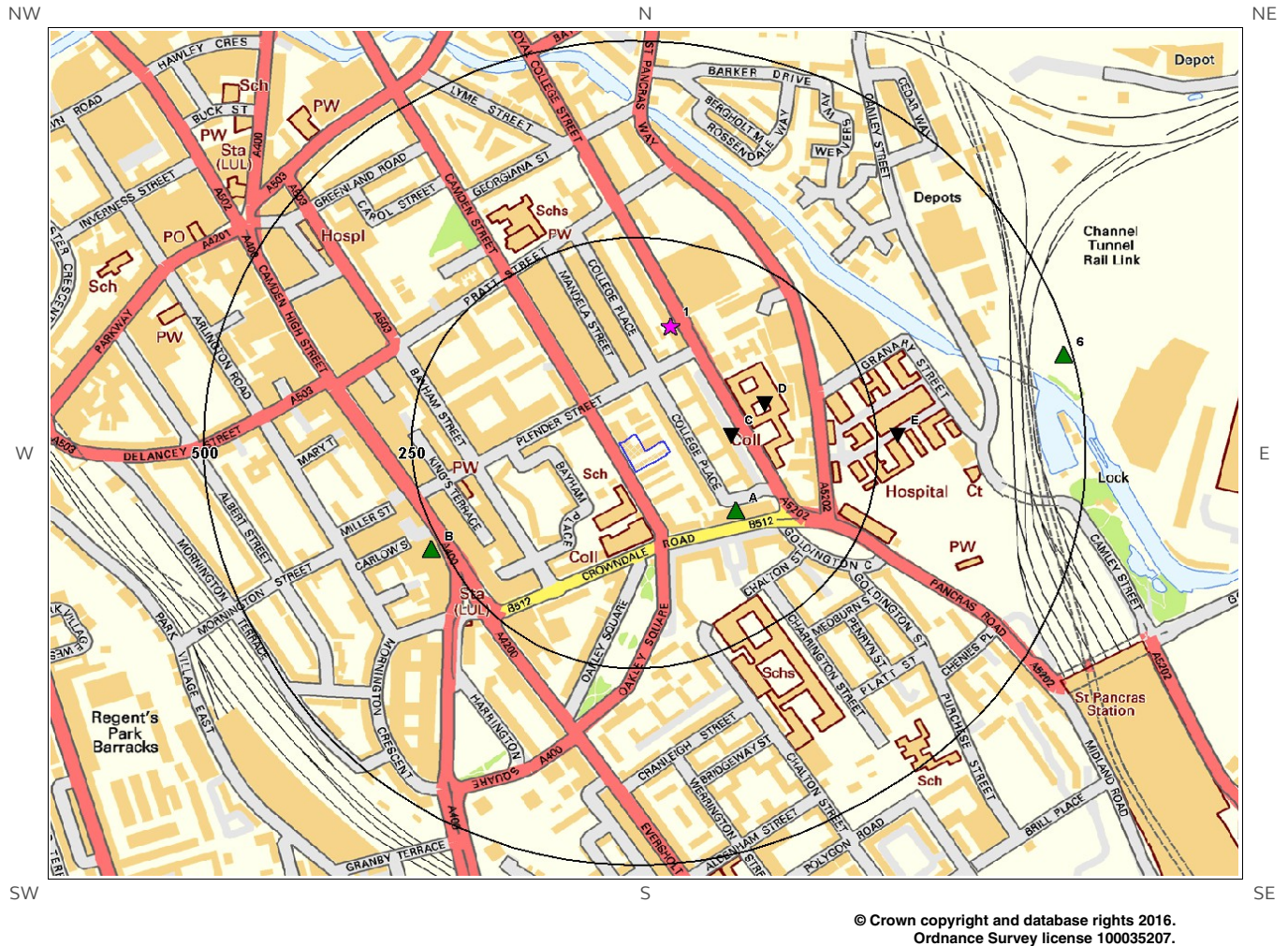
Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 16

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

ID	Distance(m)	Direction	Use	Date
233AW	226	E	Burial Ground	1882
234AX	281	NE	Canal	1920
235AX	281	NE	Canal	1938
236	284	NE	Canal	1894
237	286	NE	Canal	1882
238AY	289	NE	Canal	1989
239AY	289	NE	Canal	1973
240AY	289	NE	Canal	1968
241AY	289	NE	Canal	1948
242AY	289	NE	Canal	1957
243	420	N	Canal	1882
244AZ	429	E	Tunnel	1973
245BA	439	E	Pond	1894
246N	440	E	Unspecified Heap	1920
247N	440	E	Unspecified Heap	1938

248	445	E	Canal	1882
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2. Environmental Permits, Incidents and Registers Map



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|-------------------------------|---|--|
| Site Outline | Recorded Pollution Incident | RAS 3 & 4 Authorisations |
| Dangerous Substances (List 1) | Dangerous Substances (List 2) | Part A(1) Authorised Processes and Historic IPC Authorisations |
| Water Industry Referrals | Licenced Discharge Consents | Part A(2) and Part B Authorised Processes |
| Red List Discharge Consents | COMAH / NIHHS Sites | Sites Determined as Contaminated Land |
| | 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:

0

Database searched and no data found.

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

5

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
2A	110	SE	529505 183502	Address: Crowndale Dry Cleaners, 2 Crowndale Road, NW1 1TT Process: Dry Cleaning Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
3A	110	SE	529505 183502	Address: Crowndale Dry Cleaners, 2 Crowndale Road, NW1 1TT Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
4B	265	SW	529138 183452	Address: Camden Dry Cleaners, 27 Camden High Street, NW1 7JE Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
5B	265	SW	529138 183452	Address: Camden Dry Cleaners, 27 Camden High Street, NW1 7JE Process: Dry Cleaning Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
6	489	E	529900 183700	Address: Galliford Roadstone, Kings Cross Depot, Goodsway, Islington, N1 0AU Process: recycling/including vegetable matter/composting process 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:

17

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	Permissio n Number	Dates	Status
24C	77	E	529500 183600	Royal Veterinary College, Royal College Street, London, NW1 0TU	Royal Veterinar y College	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AE5250	Date of Approval:31/3/199 1 Effective from:31/3/1991 Last date of update:2015-01- 01	Revoked/ca ncelled

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
25C	77	E	529500 183600	Gene Expression Technologies Ltd (dissolved), Royal College Street, London, NW1 0TU	Gene Expression Technologies Ltd (dissolved)	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BT4460	Date of Approval:25/11/2002 Effective from:23/12/2002 Last date of update:2015-01-01	Revoked/cancelled
26C	77	E	529500 183600	Proxima Concepts, Royal College Street, London, NW1 0TU	Proxima Concepts	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BR9600	Date of Approval:5/9/2002 Effective from:5/9/2002 Last date of update:2015-01-01	Effective
27C	77	E	529500 183600	Proxima Concepts, Royal College Street, London, NW1 0TU	Proxima Concepts	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BR9618	Date of Approval:5/9/2002 Effective from:3/10/2002 Last date of update:2015-01-01	Effective
28C	77	E	529500 183600	Spirogen Ltd, London Bioscience Innovation Centre,2 Royal College Street, London, NW1 0TU	Spirogen Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	CA5052	Date of Approval:20/12/2006 Effective from:20/12/2006 Last date of update:2015-01-01	Revoked/cancelled
29C	77	E	529500 183600	Spirogen Ltd, London Bioscience Innovation Centre, 2 Royal College Street, London, NW1 0TU	Spirogen Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	CA5079	Date of Approval:20/12/2006 Effective from:20/12/2006 Last date of update:2015-01-01	Revoked/cancelled
30C	77	E	529500 183600	Royal Veterinary College, Royal College Street, London, NW1 0TU	Royal Veterinary College	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AE5268	Date of Approval:5/8/2008 Effective from:5/8/2008 Last date of update:2015-01-01	Effective
31C	77	E	529500 183600	Royal Veterinary College, Royal College Street, London, NW1 0TU	Royal Veterinary College	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AE5268	Date of Approval:24/5/2006 Effective from:24/5/2006 Last date of update:2015-01-01	Superseded By Variation
32C	77	E	529500 183600	Royal Veterinary College, Royal College Street, London, NW1 0TU	Royal Veterinary College	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AE5241	Date of Approval:31/3/1991 Effective from:31/3/1991 Last date of update:2015-01-01	Revoked/cancelled

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
33C	77	E	529500 183600	Royal Veterinary College, Royal College Street, London, NW1 0TU	Royal Veterinary College	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AE5268	Date of Approval:31/3/1991 Effective from:31/3/1991 Last date of update:2015-01-01	Superseded By Variation
34C	77	E	529500 183600	Gene Expression Technologies Ltd (dissolved), Royal College Street, London, NW1 0TU	Gene Expression Technologies Ltd (dissolved)	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BT4478	Date of Approval:25/11/2002 Effective from:25/11/2002 Last date of update:2015-01-01	Revoked/cancelled
35D	130	NE	529540 183640	Royal Veterinary College, University Of London, Royal College Street, London, NW1 0TU	Royal Veterinary College	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AQ1510	Date of Approval:28/3/1995 Effective from:25/4/1995 Last date of update:2015-01-01	Superseded By Variation
36D	130	NE	529540 183640	Royal Veterinary College, University Of London, Royal College Street, London, NW1 0TU	Royal Veterinary College	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AQ1510	Date of Approval:9/6/2000 Effective from:12/6/2000 Last date of update:2015-01-01	Superseded By Variation
37D	130	NE	529540 183640	Royal Veterinary College, University Of London, Royal College Street, London, NW1 0TU	Royal Veterinary College	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AQ1510	Date of Approval:27/1/2009 Effective from:24/2/2009 Last date of update:2015-01-01	Effective
38D	130	NE	529540 183640	Royal Veterinary College, University Of London, Royal College Street, London, NW1 0TU	Royal Veterinary College	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AQ1510	Date of Approval:1/12/2003 Effective from:1/1/2004 Last date of update:2015-01-01	Superseded By Variation
39D	130	NE	529540 183640	Royal Veterinary College, University Of London, Royal College Street, London, NW1 0TU	Royal Veterinary College	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AQ1510	Date of Approval:11/11/2005 Effective from:9/12/2005 Last date of update:2015-01-01	Superseded By Variation
40E	275	E	529700 183600	London School Of Hygiene And Tropical Medicine, Nutrition Research Unit, St Pancras Hospital, 4 St Pancras Way, London, NW1 0PT	London School Of Hygiene And Tropical Medicine	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4503	Date of Approval:31/3/1991 Effective from:31/3/1991 Last date of update:2015-01-01	Revoked/cancelled

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

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

0

Database searched and no data found.

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

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

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	143	N	529426 183737	Incident Date: 19-Jan-2002 Incident Identification: 53408 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

0

Database searched and no data found.

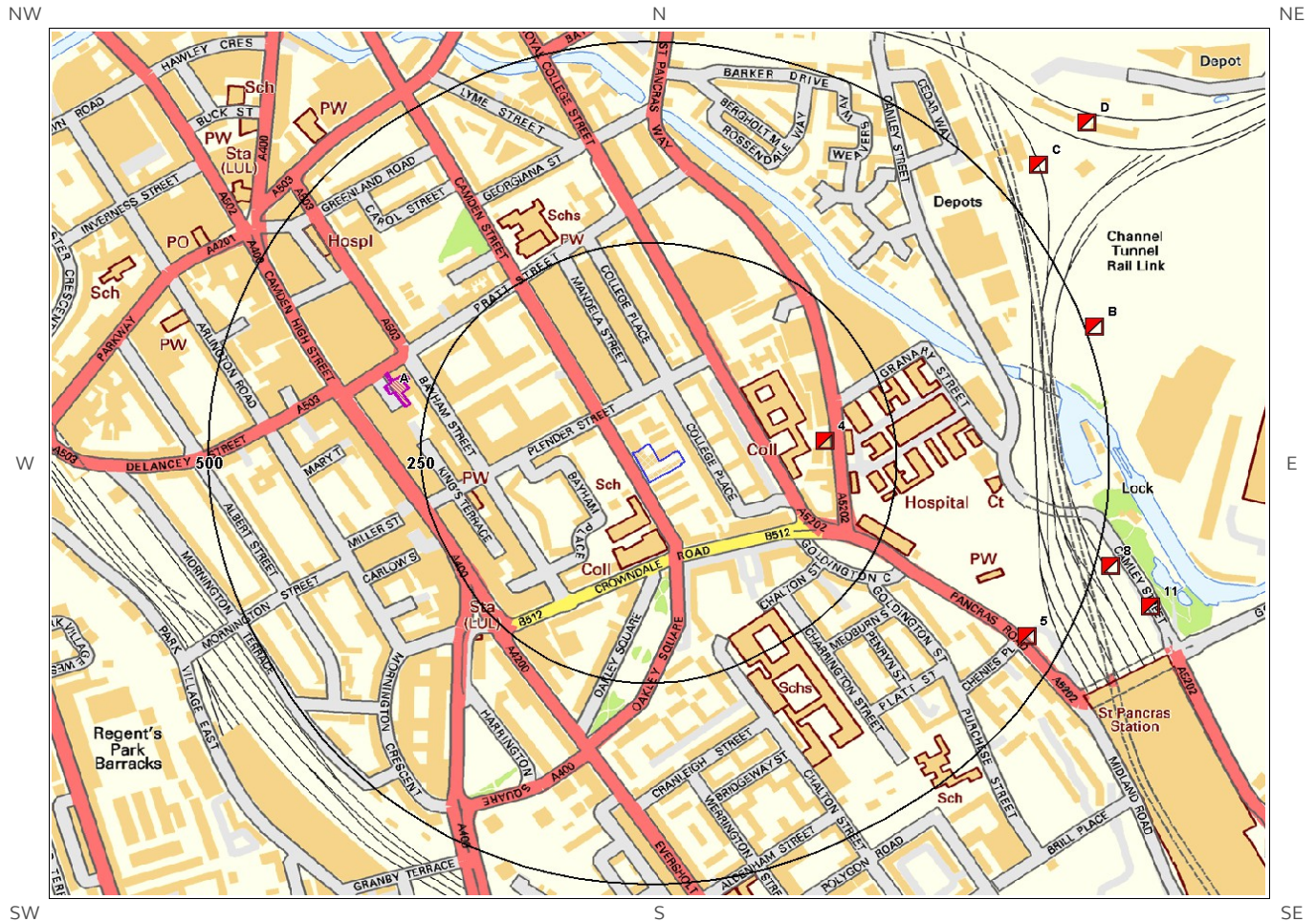
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

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

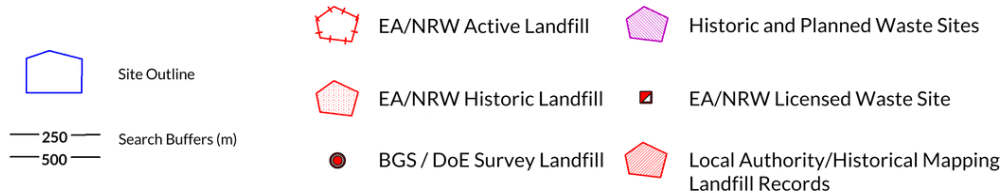
0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



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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:

3

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	269	W	529087 183667	Type of Site: Scrap Metal Works Site Address: N/A	Planning Application Reference: N/A Date: 1968	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
2A	269	W	529088 183667	Type of Site: Scrap Metal Depot Site Address: N/A	Planning Application Reference: N/A Date: 1968	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
3A	270	W	529087 183667	Type of Site: Scrap Metal Depot Site Address: N/A	Planning Application Reference: N/A Date: 1984	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon

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

12

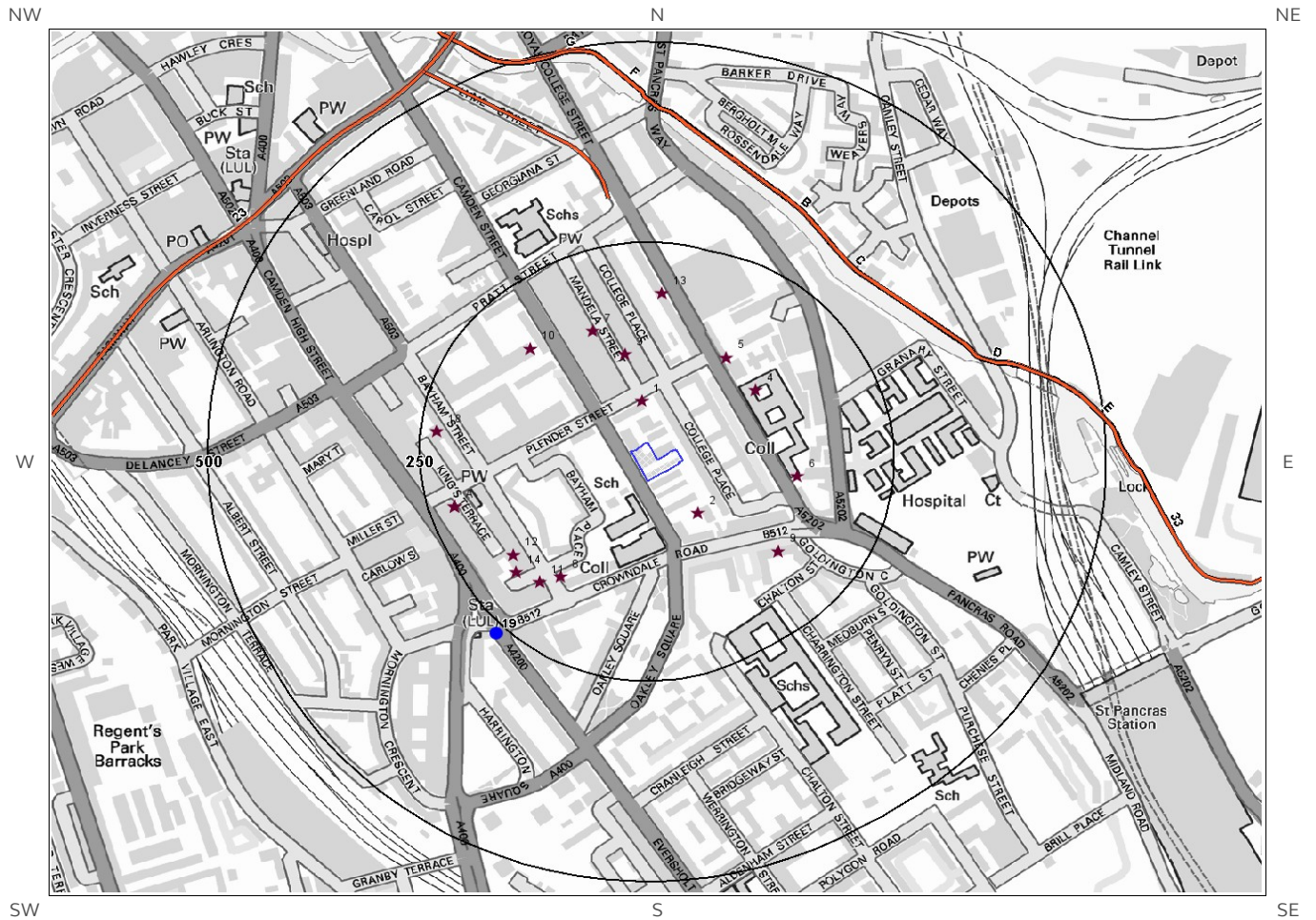
The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details		
4	167	E	529591 183605	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	Issue Date: 05/06/1997 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Arbuckle, St Pancras Way Correspondence Address: -	
5	457	SE	529829 183362	Site Address: Ronald Hall, St Pancras Metals, 86, Pancras Road, London, NW1 1WJ Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAI006 EPR reference: EA/EPR/AP3691NW/A001 Operator: Hall Ronald Herbert Charles Waste Management licence No: 80335 Annual Tonnage: 2080.0	Issue Date: 20/11/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: St Pancras Metals, N W 1 Correspondence Address: -	

ID	Distance (m)	Direction	NGR	Details
6B	510	E	529908 183746	<p>Site Address: Nick Dean, Kings Cross Goods Depot, Goods Way, Kings Cross, London, NW1</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: GRS001</p> <p>EPR reference: EA/EPR/EP3991NL/S005</p> <p>Operator: G R S (Roadstone) Ltd</p> <p>Waste Management licence No: 80299</p> <p>Annual Tonnage: 196000.0</p> <p>Issue Date: 30/03/1993</p> <p>Effective Date: -</p> <p>Modified: 18/09/1997</p> <p>Surrendered Date: 15/10/2002</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: GRS (Roadstone), Kings Cross</p> <p>Correspondence Address: -</p>
7B	510	E	529908 183746	<p>Site Address: Nick Dean, Kings Cross Goods Depot, Goods Way, Kings Cross, London, NW1</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: GRS001</p> <p>EPR reference: EA/EPR/EP3991NL/S005</p> <p>Operator: GRS (Roadstone) Ltd</p> <p>Waste Management licence No: 80299</p> <p>Annual Tonnage: 196000.0</p> <p>Issue Date: 30/03/1993</p> <p>Effective Date: -</p> <p>Modified: 18/09/1997</p> <p>Surrendered Date: 15/10/2002</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: GRS (Roadstone), Kings Cross</p> <p>Correspondence Address: -</p>
8	518	E	529928 183449	<p>Site Address: P. Donaghy, 2, Camley Street, Kings Cross, London, NW1</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: RUT001</p> <p>EPR reference: EA/EPR/WP3791NW/S004</p> <p>Operator: Rutland (Waste Disposal) Ltd</p> <p>Waste Management licence No: 80327</p> <p>Annual Tonnage: 25000.0</p> <p>Issue Date: 17/02/1992</p> <p>Effective Date: -</p> <p>Modified: 15/07/1997</p> <p>Surrendered Date: 07/01/2000</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Rutland (Waste Disposal) Ltd, Kings Cross</p> <p>Correspondence Address: -</p>
9C	554	NE	529843 183948	<p>Site Address: Murphy Ltd, British Rail Goods Yard, off York Way, Kings Cross, London, NW1</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MUR002</p> <p>EPR reference: -</p> <p>Operator: Murphy Limited</p> <p>Waste Management licence No: 80310</p> <p>Annual Tonnage: 0.0</p> <p>Issue Date: 04/09/1995</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 06/08/2002</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: "Murphy, Goods Way, Kings Cross"</p> <p>Correspondence Address: Murphy Limited, 2 Ashley House, Ashley Road, London, N17 9LZ</p>
10C	554	NE	529843 183948	<p>Site Address: Murphy Ltd, British Rail Goods Yard, off, York Way, Kings Cross, London, NW1</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MUR002</p> <p>EPR reference: EA/EPR/VP3591NC/S002</p> <p>Operator: Murphy Ltd</p> <p>Waste Management licence No: 80310</p> <p>Annual Tonnage: 7592.0</p> <p>Issue Date: 04/09/1995</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 06/08/2002</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Murphy, Goods Way, Kings Cross</p> <p>Correspondence Address: -</p>

ID	Distance (m)	Direction	NGR	Details
11	577	E	529975 183399	<p>Site Address: Shanks & McEwan (Southern) Ltd, Kings Cross Transfer Station, 1, Camley Street, Camden, London, NW1 1UU</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: SHA005</p> <p>EPR reference: EA/EPR/AP3091NU/S002</p> <p>Operator: Shanks Waste Services Ltd</p> <p>Waste Management licence No: 80329</p> <p>Annual Tonnage: 52326.0</p> <p>Issue Date: 16/02/1993</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 06/03/2001</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Shanks & McEwan, King's Cross</p> <p>Correspondence Address: -</p>
12D	631	NE	529900 184000	<p>Site Address: R Wiles, 1-2 Engineers Cottages, York Way, London, N1 0BA</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: Unknown</p> <p>Environmental Permitting Regulations (Waste) Licence Number: YOR001</p> <p>EPR reference: -</p> <p>Operator: York Way Metals Ltd</p> <p>Waste Management licence No: 80341</p> <p>Annual Tonnage: 10400.0</p> <p>Issue Date: 11/11/1996</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 29/10/1999</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: "York Way Metals, N1"</p> <p>Correspondence Address: York Way Metals Ltd, 1-2 Engineers Cottages, York Way, London, N1 0BA</p>
13D	631	NE	529900 184000	<p>Site Address: R Wiles, 1-2 Engineers Cottages, York Way, London, N1 0BA</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: YOR001</p> <p>EPR reference: EA/EPR/RP3591NK/S003</p> <p>Operator: York Way Metals Ltd</p> <p>Waste Management licence No: 80341</p> <p>Annual Tonnage: 10974.0</p> <p>Issue Date: 11/11/1996</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 29/10/1999</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: York Way Metals, N1</p> <p>Correspondence Address: -</p>
Not shown	828	NW	528667 184035	<p>Site Address: -</p> <p>Type: Household Waste Amenity Site</p> <p>Size: Unknown</p> <p>Environmental Permitting Regulations (Waste) Licence Number: CAM003</p> <p>EPR reference: -</p> <p>Operator: Camden London Borough Council</p> <p>Waste Management licence No: 80482</p> <p>Annual Tonnage: 0.0</p> <p>Issue Date: 15/10/1994</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 25/07/1997</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Jamestown Road Ca Site</p> <p>Correspondence Address: Camden LB Council, Town Hall Extension, Argyle Street, London, WC1H 8EQ</p>
Not shown	828	NW	528667 184035	<p>Site Address: -</p> <p>Type: Household Waste Amenity Site</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: CAM003</p> <p>EPR reference: EA/EPR/UP3697NB/S002</p> <p>Operator: Camden London Borough Council</p> <p>Waste Management licence No: 80482</p> <p>Annual Tonnage: 20000.0</p> <p>Issue Date: 15/10/1994</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 25/07/1997</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Jamestown Road CA Site</p> <p>Correspondence Address: -</p>

4. Current Land Use Map



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Site Outline

★ Current Industrial Sites

— Electricity Transmission Cables

— 250 — Search Buffers (m)
— 500 —

● 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:

18

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

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	53	N	Electricity Sub Station	529378 183653	NW1	Electrical Features	Infrastructure and Facilities
2	63	SE	Electricity Sub Station	529443 183513	NW1	Electrical Features	Infrastructure and Facilities
3	114	N	Works	529357 183711	NW1	Unspecified Works Or Factories	Industrial Features
4	120	NE	Chimney	529512 183666	NW1	Chimneys	Industrial Features
5	129	NE	Electricity Sub Station	529477 183707	NW1	Electrical Features	Infrastructure and Facilities
6	136	E	Electricity Sub Station	529561 183559	NW1	Electrical Features	Infrastructure and Facilities
7	154	NW	Cover Up Clothing Ltd	529319 183740	3 Centro 19, Mandela Street, London, NW1 0DU	Clothing, Components and Accessories	Consumer Products
8	158	SW	Thames Tyres Ltd	529281 183434	2, Bayham Street, London, NW1 0ES	Vehicle Parts and Accessories	Motoring
9	159	SE	La Chispita	529538 183465	Flat 40 Crowndale Court, Crowndale Road, London, NW1 1TY	Published Goods	Industrial Products
10	176	NW	Chimney	529246 183718	NW1	Chimneys	Industrial Features
11	179	SW	Diabolical Liberties	529257 183427	1, Bayham Street, London, NW1 0ER	Distribution and Haulage	Transport, Storage and Delivery
12	184	SW	Works	529226 183461	NW1	Unspecified Works Or Factories	Industrial Features
13	188	N	T R Carpet Fitters	529401 183787	103, Royal College Street, London, NW1 0SE	Construction Completion Services	Construction Services
14	193	SW	Tiny Green P C	529229 183439	48-56, Bayham Place, London, NW1 0EU	Electronic Equipment	Industrial Products
15A	219	W	T S T Car Services	529156 183521	Flat A 25, Kings Terrace, London, NW1 0JP	Vehicle Hire and Rental	Hire Services
16A	219	W	City Images	529156 183521	23-27, Kings Terrace, London, NW1 0JP	Published Goods	Industrial Products
17A	219	W	Printstyle Ltd	529156 183521	23-27, Kings Terrace, London, NW1 0JP	Published Goods	Industrial Products
18	231	W	Warehouse	529135 183615	NW1	Container and Storage	Transport, Storage and Delivery

4.2 Petrol and Fuel Sites

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

1

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
19	262	SW	529205 183363	Obsolete	St Georges Service Station, 47, Mornington Crescent, Mornington Crescent, Regents Park, London, Greater London, NW1 7RB	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:

14

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

ID	Distance (m)	Direction	Details
20B	307	NE	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
21B	308	NE	Cable Set: CITR4 - SJOW4 2 CABLE SECT 10 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: -
22C	308	NE	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
23	309	N	Cable Set: - Cable Route: LONDON POWER TUNNELS (PLANNED ROUTE) Cable Make: - Cable Type: A/C Operating Voltage (kV): 400 Year of installation: - Cable in tunnel: Y
24C	309	NE	Cable Set: CITR4 - SJOW4 1 CABLE SECT 10 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	
25D	314	NE	Cable Set: CITR4 - SJOW4 2 CABLE SECT 11 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: -
26D	317	NE	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
27E	360	NE	Cable Set: CITR4 - SJOW4 1 CABLE SECT 11 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: -
28F	365	N	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
29E	365	NE	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
30F	369	N	Cable Set: CITR4 - SJOW4 1 CABLE SECT 09 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: -
31G	402	N	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
32G	408	N	Cable Set: CITR4 - SJOW4 2 CABLE SECT 09 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: -
33	497	E	Cable Set: CITR4 - SJOW4 2 CABLE SECT 12 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

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

Lex Code	Description	Rock Type
WGR-OPEN	WORKED GROUND (UNDIVIDED)	VOID

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

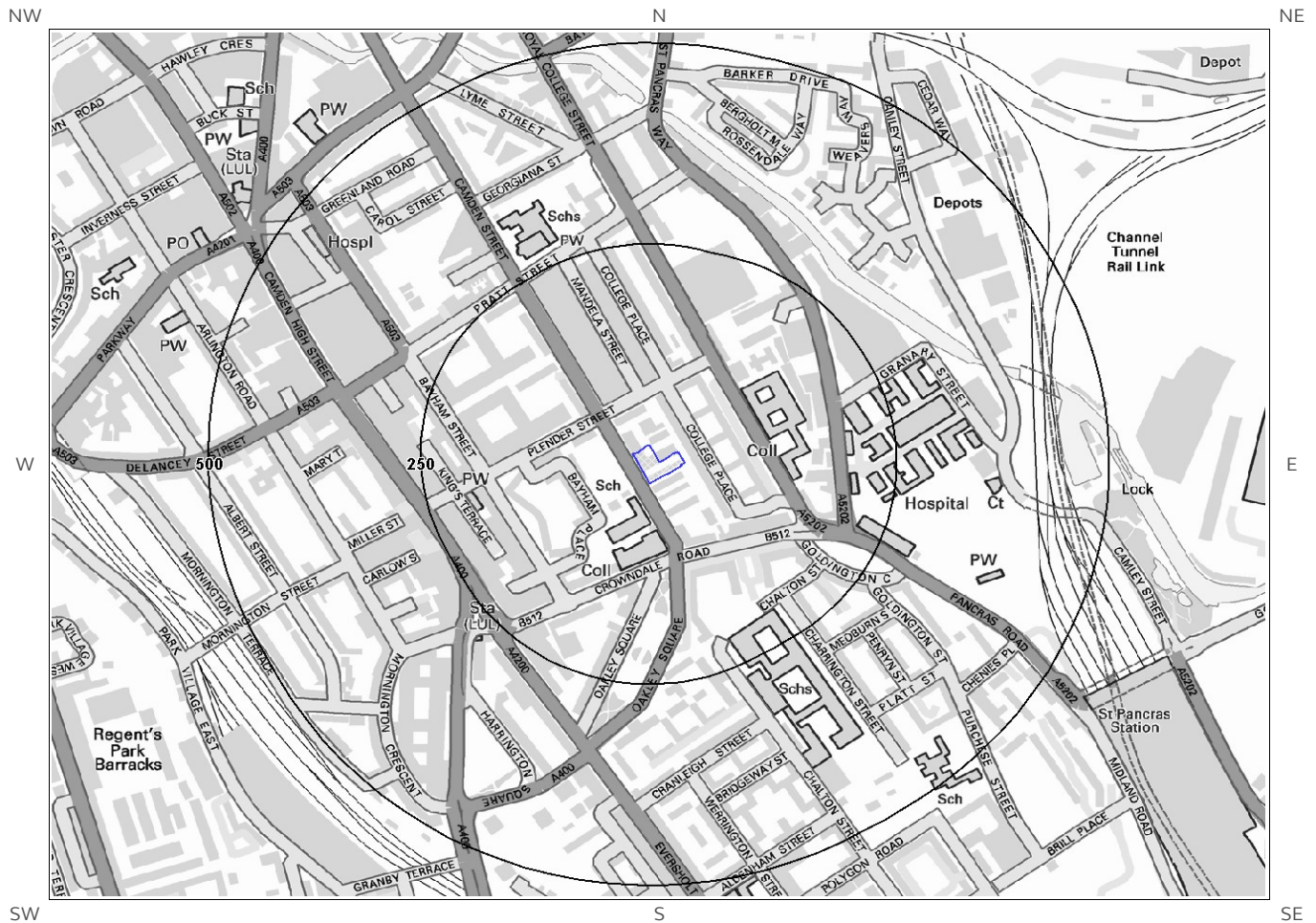
The database has been searched on site, including a 50m buffer.

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

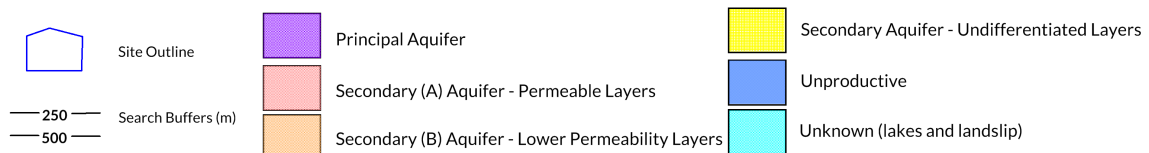
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

6a. Aquifer Within Superficial Geology



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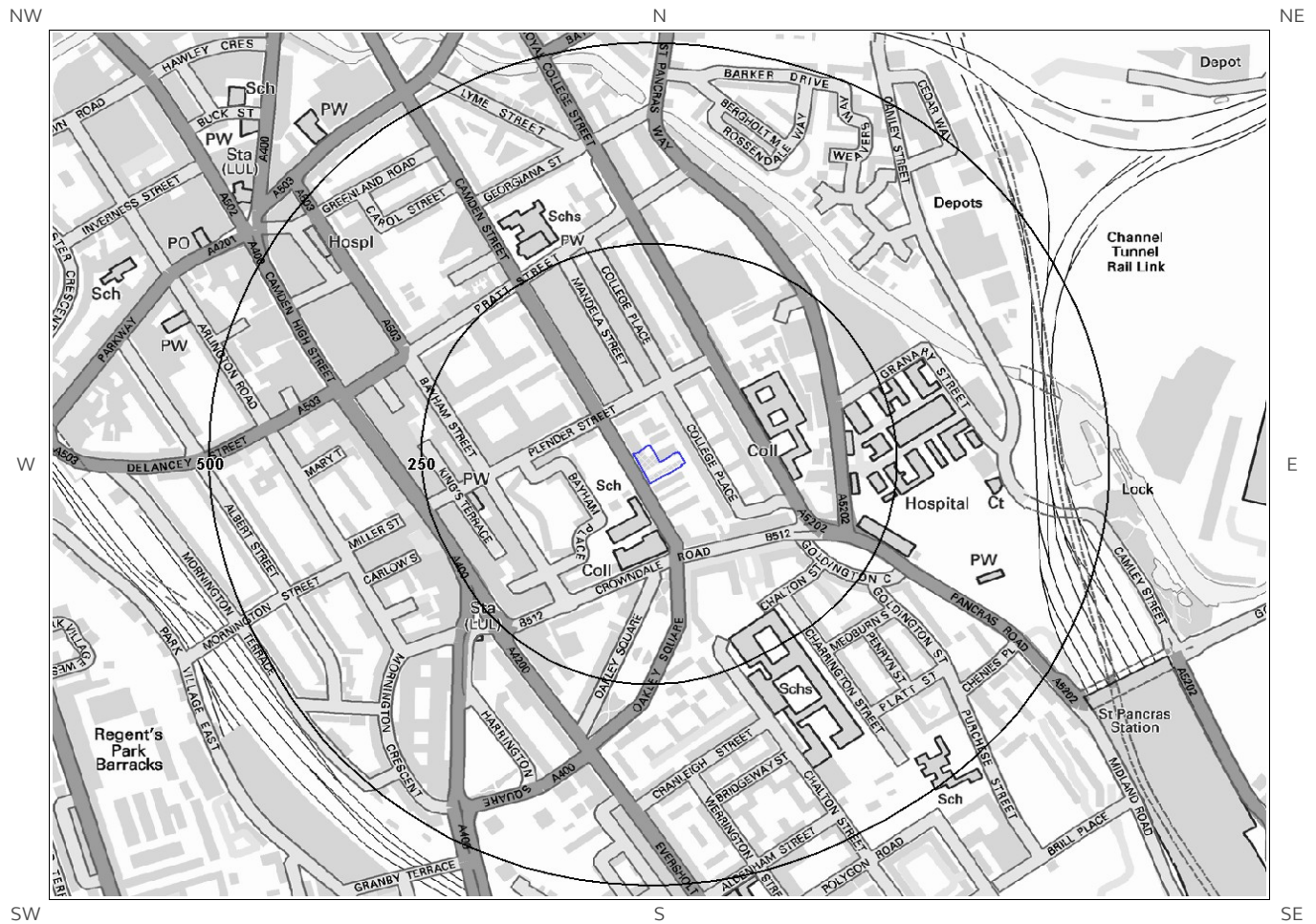


6b. Aquifer Within Bedrock Geology and Abstraction Licenses

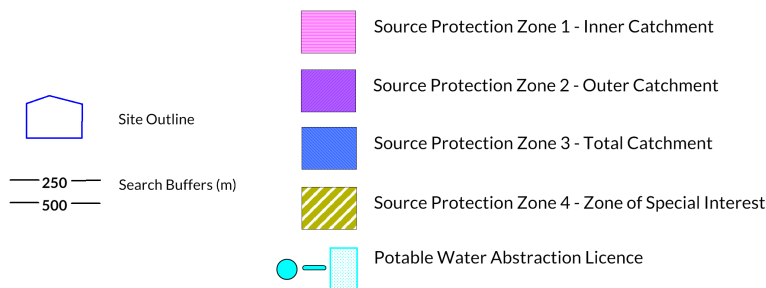


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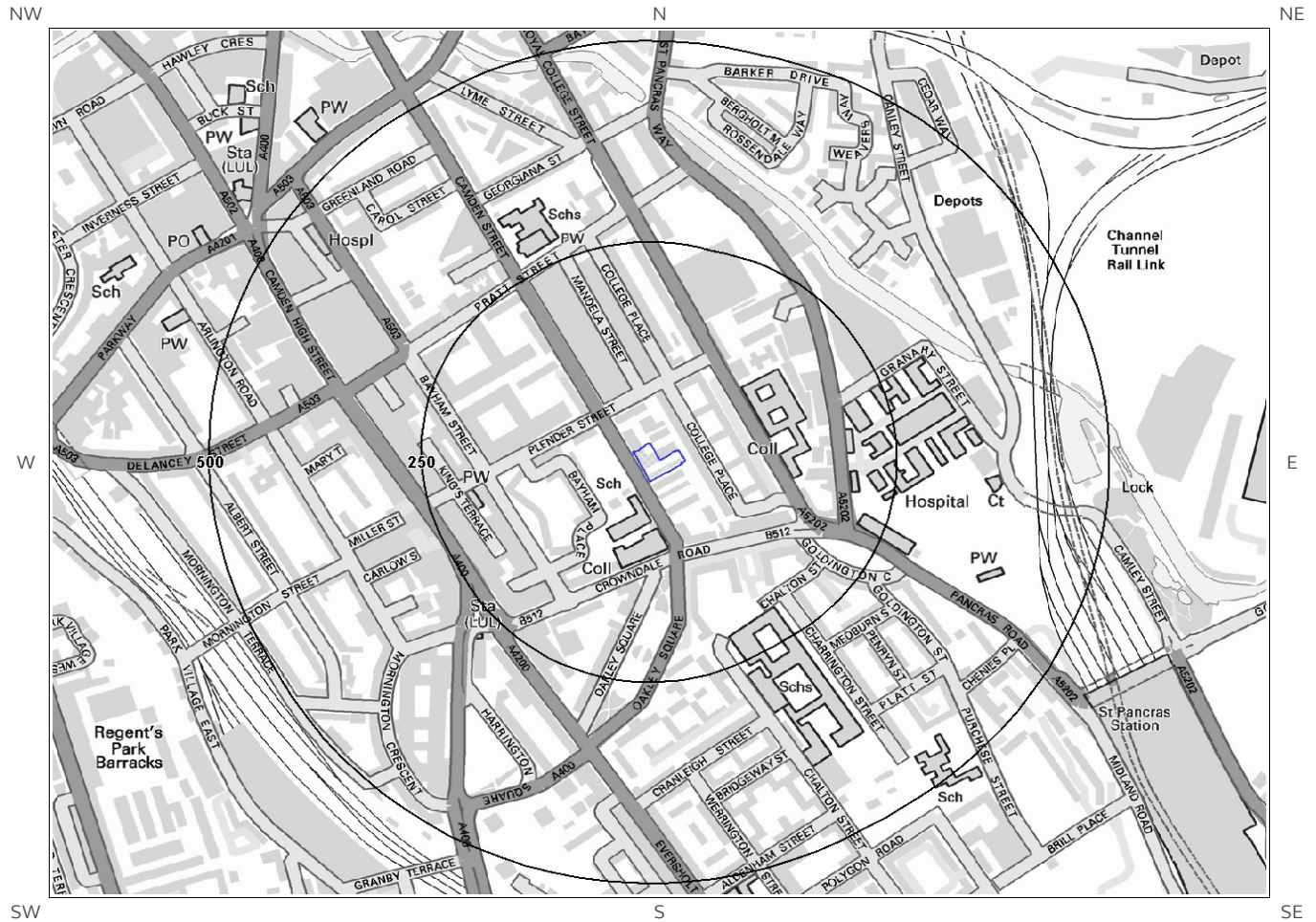
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



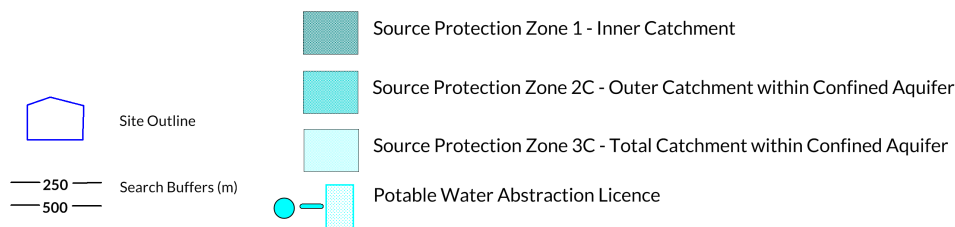
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6d. Hydrogeology – Source Protection Zones within confined aquifer



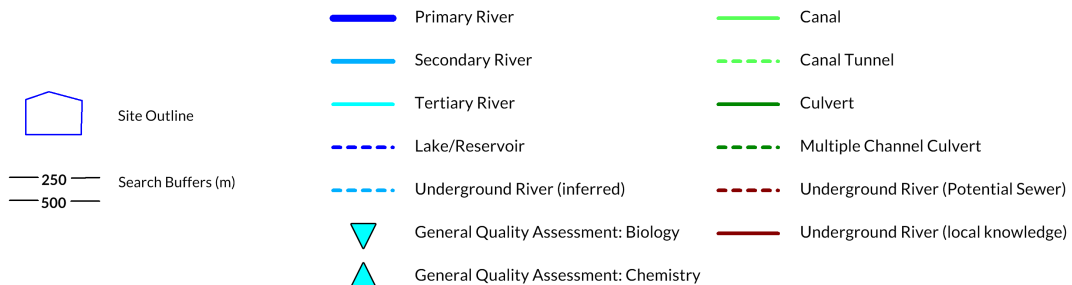
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6e. Hydrology – Detailed River Network and River Quality



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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
3A	673	NE	529920 184040	<p>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</p> <p>Annual Volume (m³): 55200 Max Daily Volume (m³): 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:</p>

ID	Distance (m)	Direction	NGR	Details	
4A	673	NE	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 (m³): 33400 Max Daily Volume (m³): 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	984	E	530368 183294	Status: Historical Licence No: TH/039/0039/055 Details: Heat Pump Direct Source: Thames Groundwater Point: Regent Quarter - Borehole A Data Type: Point Name: BNP Paribas Jersey Trust Corp Ltd and Anley Trustees Ltd	Annual Volume (m³): 323612 Max Daily Volume (m³): 2160 Original Application No: NPS/WR/015663 Original Start Date: 6/2/2013 Expiry Date: 31/3/2025 Issue No: 2 Version Start Date: 25/6/2014 Version End Date:
Not shown	1063	SE	530052 182718	Status: Historical Licence No: TH/039/0039/001 Details: Heat Pump Direct Source: Thames Groundwater Point: Bidborough House 20 Mabledon Place London Data Type: Point Name: LONDON BOROUGH OF CAMDEN	Annual Volume (m³): 327600 Max Daily Volume (m³): 1260 Original Application No: NPSWR000003 Original Start Date: 9/4/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 9/4/2009 Version End Date:
Not shown	1063	SE	530052 182718	Status: Historical Licence No: TH/039/0039/001 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At Bidborough House 20 Mabledon Place London Data Type: Point Name: LONDON BOROUGH OF CAMDEN	Annual Volume (m³): 327600 Max Daily Volume (m³): 1260 Original Application No: NPSWR000003 Original Start Date: 9/4/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 9/4/2009 Version End Date:
Not shown	1063	SE	530052 182718	Status: Historical Licence No: TH/039/0039/064 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At Bidborough House, 20 Mabledon Place, London Data Type: Point Name: University College London	Annual Volume (m³): 327600 Max Daily Volume (m³): 1440 Original Application No: NPS/WR/017625 Original Start Date: 16/4/2013 Expiry Date: 31/3/2019 Issue No: 2 Version Start Date: 21/11/2014 Version End Date:
Not shown	1245	NW	528800 184700	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	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:
Not shown	1245	NW	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 (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:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1245	NW	528800 184700	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	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:
Not shown	1245	NW	528800 184700	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	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:
Not shown	1245	NW	528800 184700	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	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:
Not shown	1378	W	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 (m³): 681.9 Max Daily Volume (m³): 59 Original Application No: - Original Start Date: 4/4/1966 Expiry Date: - Issue No: 100 Version Start Date: 4/4/1966 Version End Date:
Not shown	1598	E	531020 183690	Status: Historical Licence No: 28/39/39/0207 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barnard Park, Islington - Borehole Data Type: Point Name: THAMES WATER UTILITIES LTD	Annual Volume (m³): 914544 Max Daily Volume (m³): 3024 Original Application No: - Original Start Date: 2/5/2003 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 8/1/2004 Version End Date:
Not shown	1599	E	531022 183681	Status: Historical Licence No: TH/039/0039/057 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Barnard Park Data Type: Point Name: THAMES WATER UTILITIES LTD	Annual Volume (m³): 914544 Max Daily Volume (m³): 3024 Original Application No: NPS/WR/009227 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 1/4/2013 Version End Date:
Not shown	1651	SW	528407 182223	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	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:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1651	SW	528407 182223	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	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:
Not shown	1728	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 (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:
Not shown	1728	W	527640 183690	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	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:
Not shown	1732	W	527636 183697	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	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:
Not shown	1744	S	528830 181900	Status: Historical Licence No: TH/039/0039/010 Details: Heat Pump Direct Source: Thames Groundwater Point: 10 Weymouth Street, Ridgeford Properties Data Type: Point Name: Ridgeford Properties Limited	Annual Volume (m³): 50000 Max Daily Volume (m³): 400 Original Application No: NPSWR001161 Original Start Date: 13/8/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 13/8/2009 Version End Date:
Not shown	1744	S	528830 181900	Status: Historical Licence No: TH/039/0039/068 Details: Heat Pump Direct Source: Thames Groundwater Point: 10 Weymouth Street, Ridgeford Properties Data Type: Point Name: Ridgeford Properties Limited	Annual Volume (m³): 50000 Max Daily Volume (m³): 400 Original Application No: NPSWR009221 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 1/4/2013 Version End Date:
Not shown	1753	S	529858 181865	Status: Historical Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole 2, Keppel Street Data Type: Point Name: London School of Hygiene and Tropical Medicine	Annual Volume (m³): 203407 Max Daily Volume (m³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 8/11/2010 Version End Date:
Not shown	1753	S	529858 181865	Status: Historical Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Keppel Street, Bloomsbury, London - Borehole 2 Data Type: Point Name: London School of Hygiene and Tropical Medicine	Annual Volume (m³): 203407 Max Daily Volume (m³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/4/2011 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1755	S	529860 181863	Status: Historical Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole 1, Keppel Street Data Type: Point Name: London School of Hygiene and Tropical Medicine	Annual Volume (m³): 203407 Max Daily Volume (m³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 8/11/2010 Version End Date:
Not shown	1755	S	529860 181863	Status: Historical Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Keppel Street, Bloomsbury, London - Borehole 1 Data Type: Point Name: London School of Hygiene and Tropical Medicine	Annual Volume (m³): 203407 Max Daily Volume (m³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/4/2011 Version End Date:
Not shown	1858	SW	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 (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:
Not shown	1867	SW	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 (m³): - Max Daily Volume (m³): - Original Application No: WRA/N/1383 Original Start Date: 24/2/2005 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 24/2/2005 Version End Date:
Not shown	1868	SW	528460 181930	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	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:
Not shown	1881	SW	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 (m³): - Max Daily Volume (m³): - Original Application No: WRA/N/1383 Original Start Date: 24/2/2005 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 24/2/2005 Version End Date:
Not shown	1982	SE	531239 182777	Status: Historical Licence No: TH/039/0039/059 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At New River Head Data Type: Point Name: THAMES WATER UTILITIES LTD	Annual Volume (m³): 1261440 Max Daily Volume (m³): 3456 Original Application No: NPS/WR/009226 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 1/4/2013 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
33B	325	E	529750 183600	<p>Status: Historical Licence No: 28/39/39/0172 Details: Make-Up or Top Up Water Direct Source: Thames Surface Water - Non Tidal Point: Camley Street Nature Park, London Data Type: Point Name: BRITISH WATERWAYS BOARD</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 18/9/1991 Version End Date:</p>
34B	325	E	529750 183600	<p>Status: Historical Licence No: 28/39/39/0172 Details: Make-Up or Top Up Water Direct Source: Thames Surface Water - Non Tidal Point: Grand Union Canal At Camley Street Nature Park, London Data Type: Point Name: BRITISH WATERWAYS BOARD</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 18/9/1991 Expiry Date: - Issue No: 100 Version Start Date: 18/9/1991 Version End Date:</p>
Not shown	886	E	530310 183520	<p>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</p> <p>Annual Volume (m³): 7010000 Max Daily Volume (m³): 19520 Application No: - Original Start Date: 18/7/1980 Expiry Date: - Issue No: 101 Version Start Date: 17/12/2007 Version End Date:</p>
Not shown	966	NW	528500 184020	<p>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</p> <p>Annual Volume (m³): 7010000 Max Daily Volume (m³): 19520 Application No: - Original Start Date: 18/7/1980 Expiry Date: - Issue No: 101 Version Start Date: 17/12/2007 Version End Date:</p>
Not shown	975	NW	528490 184020	<p>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</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 8/12/1994 Expiry Date: - Issue No: 100 Version Start Date: 8/12/1994 Version End Date:</p>

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	1245	NW	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	1245	NW	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	1598	E	531020 183690	<p>Status: Historical Licence No: 28/39/39/0207 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barnard Park, Islington - Borehole Data Type: Point Name: THAMES WATER UTILITIES LTD</p> <p>Annual Volume (m³): 914544 Max Daily Volume (m³): 3024 Original Application No: - Original Start Date: 2/5/2003 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:</p>
Not shown	1599	E	531022 183681	<p>Status: Active Licence No: TH/039/0039/057 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Barnard Park Data Type: Point Name: THAMES WATER UTILITIES LTD</p> <p>Annual Volume (m³): 914544 Max Daily Volume (m³): 3024 Original Application No: NPS/WR/009227 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: Version End Date:</p>
Not shown	1728	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: Version End Date:</p>
Not shown	1728	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>

ID	Distance (m)	Direction	NGR	Details	
Not shown	1732	W	527636 183697	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	Annual Volume (m ³): 631000 Max Daily Volume (m ³): 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:
Not shown	1982	SE	531239 182777	Status: Active Licence No: TH/039/0039/059 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At New River Head Data Type: Point Name: THAMES WATER UTILITIES LTD	Annual Volume (m ³): 1261440 Max Daily Volume (m ³): 3456 Original Application No: NPS/WR/009226 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: Version End Date:

6.6 Source Protection Zones

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

No

Database searched and no data found.

6.7 Source Protection Zones within Confined Aquifer

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

No

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

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

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

No

Database searched and no data found.

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
16	552	NW	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):

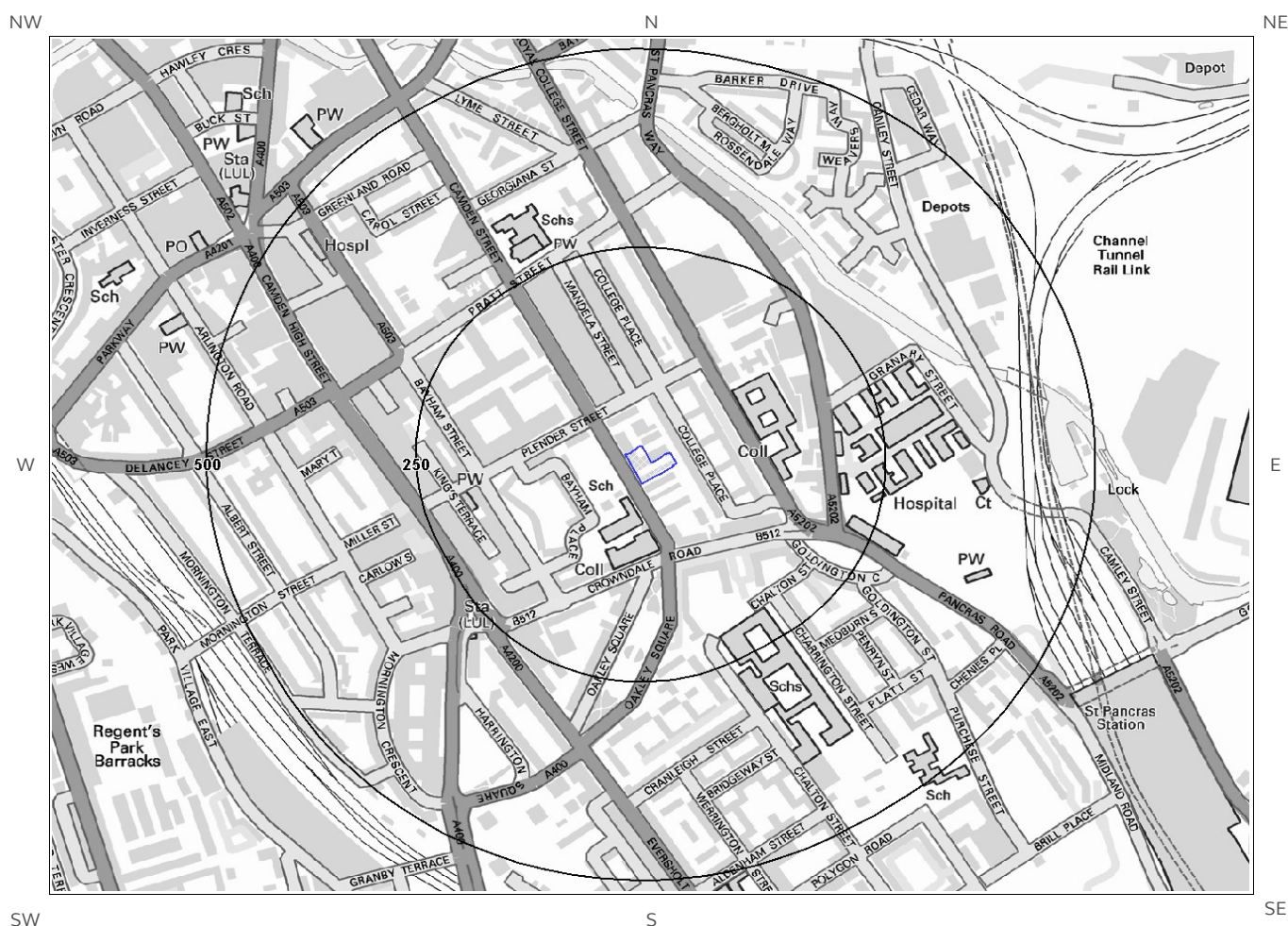
ID	Distance (m)	Direction	Details	
1	57	NE	River Name: - Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
2	296	NE	River Name: Grand Union Canal Regent's Canal Welsh River Name: - Alternative Name: -	River Type: Canal Main River Status: Currently Undefined

6.11 Surface Water Features

Are there any surface water features within 250m of the study site? No

Database searched and no data found.

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



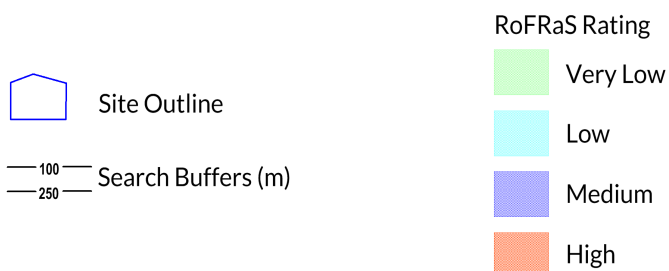
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7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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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

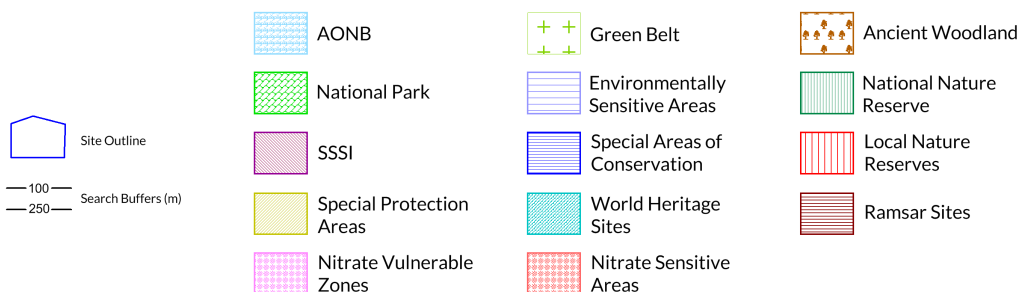
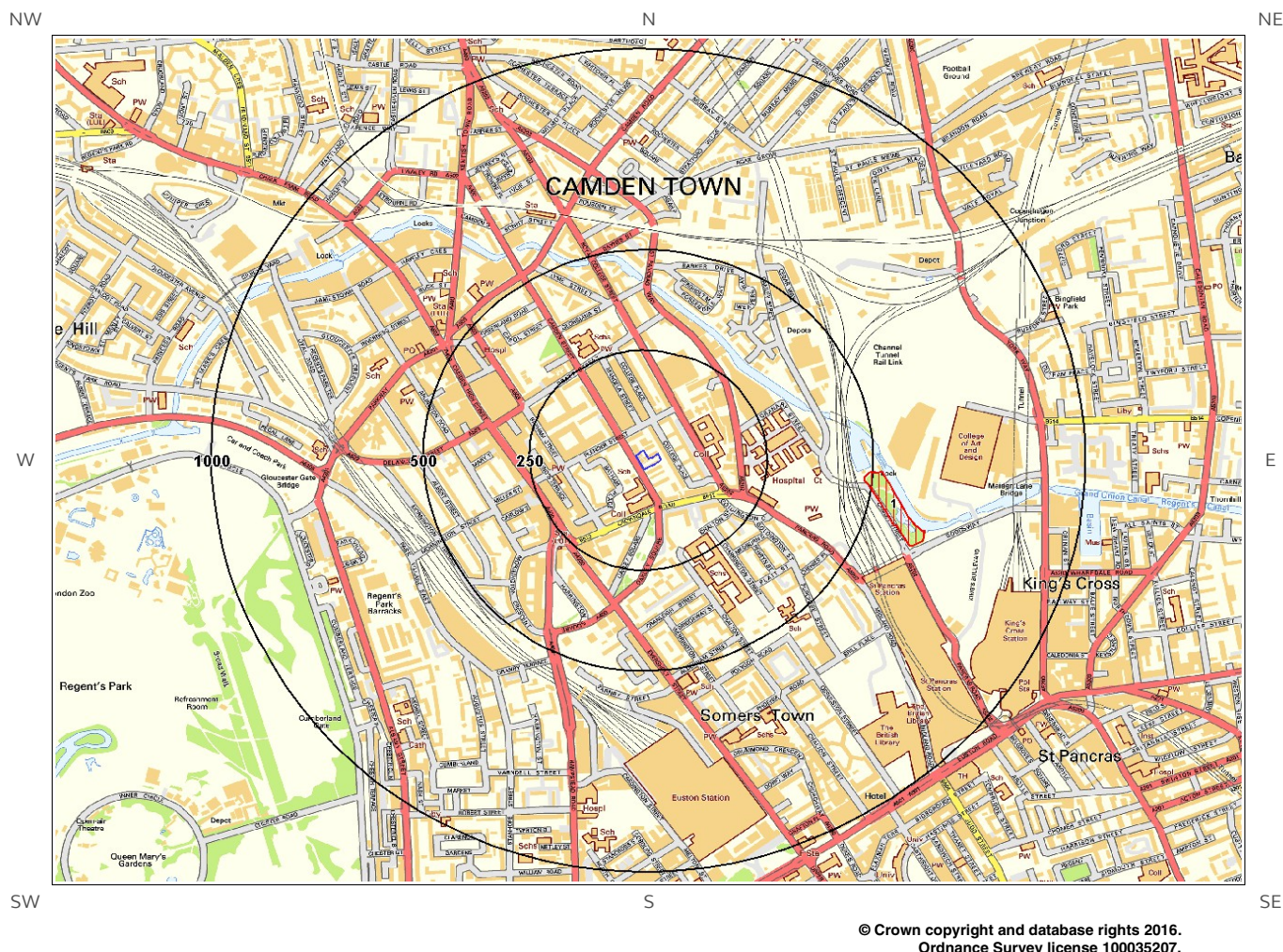
What is the British Geological Survey confidence rating in this result?

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



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:

2

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	482	E	Camley Street Nature Park	Natural England
Not shown	1544	NE	Barnsbury 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.

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

Soil Consultants Ltd
Telephone: 01494 712494
stuart.w@soilconsultants.co.uk

British Geological Survey Enquiries

Kingsley Dunham Centre
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

Email: enquiries@environment-agency.gov.uk

Public Health England

Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
www.gov.uk/phe

Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000

The Coal Authority

200 Lichfield Lane
Mansfield
Notts NG18 4RG
Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk

Ordnance Survey

Adanac Drive, Southampton
SO16 0AS
Tel: 08456 050505

Local Authority

Authority: London Borough of Camden
Phone: 020 7974 4444
Web: <http://www.camden.gov.uk/>
Address: Camden Town Hall, Judd Street, London, WC1H 9JE

Gemapping PLC

Virginia Villas, High Street, Hartley Witney,
Hampshire RG27 8NW
Tel: 01252 845444



Public Health England



The Coal Authority



Acknowledgements: Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, Natural England who retain the Copyright and Intellectual Property Rights for the data.

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Soil Consultants Ltd

Report Reference: SCL-3521691

CHILTERN TRADING ESTATE, EARL HOWE
ROAD,
HOLMER GREEN, HP15 6QT

Your Reference: Camden

Report Date 13 Dec 2016

Report Delivery Method: Email - pdf

Groundsure Geo Insight

Address: ST. PANCRAS COMMUNITY CENTRE, 30, CAMDEN STREET, LONDON, NW1 0LG

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Geo Insight** as requested.

If you need further assistance, please do not hesitate to contact our helpline on 01494 712494 quoting the above Soil Consultants Ltd reference number.

Yours faithfully,

Soil Consultants Ltd

Enc.
Groundsure Geoinsight

Groundsure Geo Insight

Address: ST. PANCRAS COMMUNITY CENTRE, 30, CAMDEN STREET,
LONDON, NW1 0LG

Date: 13 Dec 2016

Reference: SCL-3521691

Client: Soil Consultants Ltd

NW N NE



SW S SE

Aerial Photograph Capture date: 07-Jun-2015

Grid Reference: 529387,183579

Site Size: 0.14ha

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Overview of Findings

The Groundsure Geo Insight provides high quality geo-environmental information that allows geo-environmental professionals and their clients to make informed decisions and be forewarned of potential ground instability problems that may affect the ground investigation, foundation design and possibly remediation options that could lead to possible additional costs.

The report is based on the BGS 1:50,000 Digital Geological Map of Great Britain, BGS Geosure data; BRITPITS database; Shallow Mining data and Borehole Records, Coal Authority data including brine extraction areas, PBA non-coal mining and natural cavities database, Johnson Poole and Bloomer mining data and Groundsure's unique database including historical surface ground and underground workings.

For further details on each dataset, please refer to each individual section in the 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:Geology

1.1 Artificial Ground	1.1.1 Is there any Artificial Ground/ Made Ground present beneath the study site?	Yes
	1.1.2 Are there any records relating to permeability of artificial ground within the study site* boundary?	No
1.2 Superficial Geology and Landslips	1.2.1 Is there any Superficial Ground/Drift Geology present beneath the study site?	No
	1.2.2 Are there any records relating to permeability of superficial geology within the study site boundary?	No
	1.2.3 Are there any records of landslip within 500m of the study site boundary?	No
	1.2.4 Are there any records relating to permeability of landslips within the study site boundary?	No
1.3 Bedrock, Solid Geology & Faults	1.3.1 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.	
	1.3.2 Are there any records relating to permeability of bedrock within the study site boundary?	Yes
	1.3.3 Are there any records of faults within 500m of the study site boundary?	No
1.4 Radon data	1.4.1 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
	1.4.2 Is the property in an area where Radon Protection Measures 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

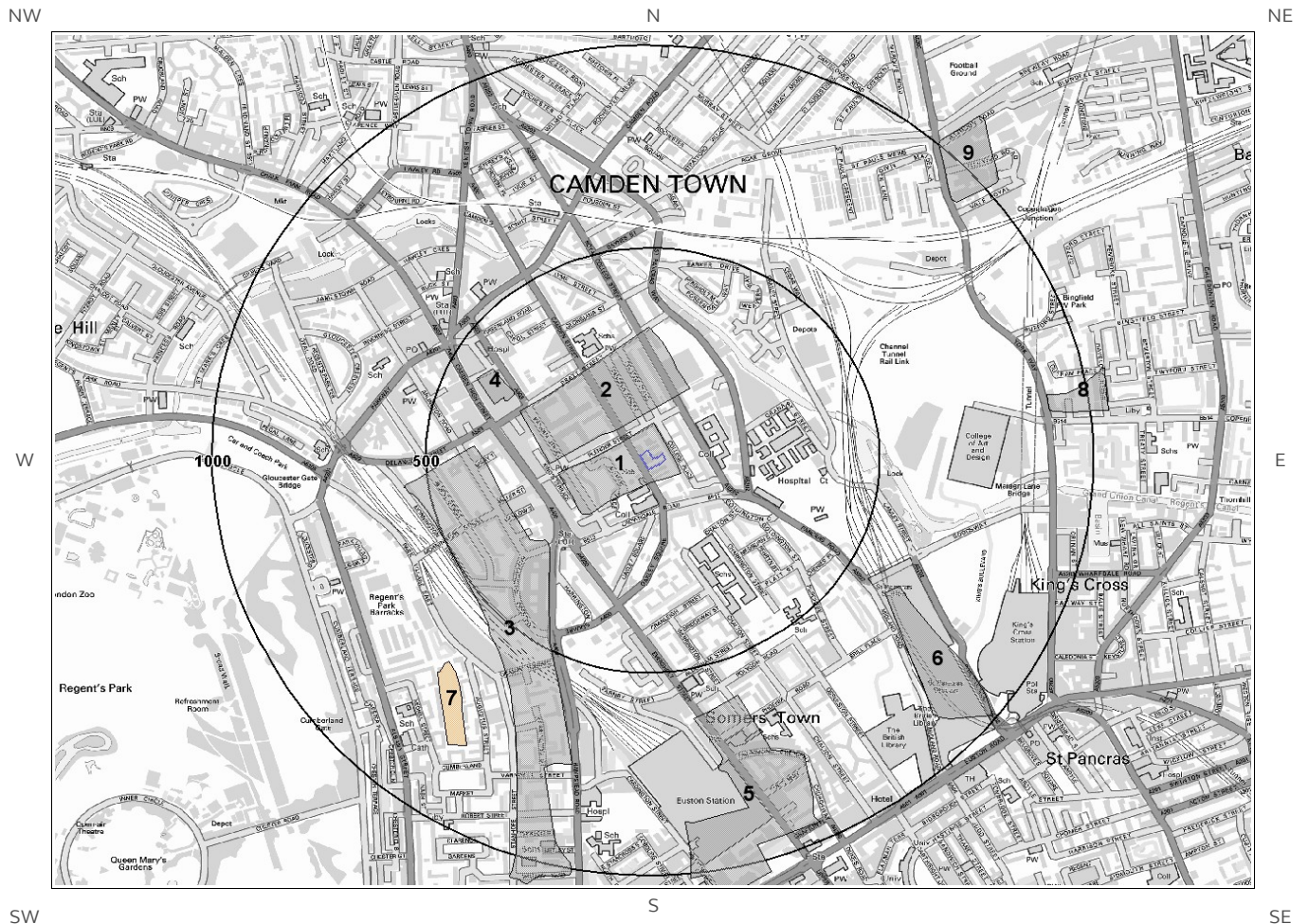
Section 2:Ground Workings	On-site	0-50m	51-250	251-500	501-1000
2.1 Historical Surface Ground Working Features from Small Scale Mapping	0	0	2	Not Searched	Not Searched
2.2 Historical Underground Workings from Small Scale Mapping	0	0	0	1	33
2.3 Current Ground Workings	0	0	0	0	3

Section 3: Mining, Extraction & Natural Cavities	On-site	0-50m	51-250	251-500	501-1000
3.1 Historical Mining	0	0	0	0	0
3.2 Coal Mining	0	0	0	0	0
3.3 Johnson Poole and Bloomer Mining Area	0	0	0	0	3
3.4 Non-Coal Mining	0	0	0	0	0
3.5 Non-Coal Mining Cavities	0	0	0	0	0
3.6 Natural Cavities	0	0	0	0	0
3.7 Brine Extraction	0	0	0	0	0
3.8 Gypsum Extraction	0	0	0	0	0
3.9 Tin Mining	0	0	0	0	0
3.10 Clay Mining	0	0	0	0	0
Section 4: Natural Ground Subsidence	On-site				
4.1 Shrink Swell Clay	Moderate				
4.2 Landslides	Very Low				
4.3 Ground Dissolution of Soluble Rocks	Negligible				
4.4 Compressible Deposits	Negligible				
4.5 Collapsible Deposits	Very Low				
4.6 Running Sand	Negligible				
Section 5: Borehole Records	On-site	0-50m	51-250		
5 BGS Recorded Boreholes	0	0	16		
Section 6: Estimated Background Soil Chemistry	On-site	0-50m	51-250		
6 Records of Background Soil Chemistry	1	0	3		
Section 7: Railways and Tunnels	On-site	0-50m	51-250	251-500	
7.1 Tunnels	0	0	1	Not Searched	
7.2 Historical Railway and Tunnel Features	0	0	18	Not Searched	
7.3 Historical Railways	0	0	0	Not Searched	
7.4 Active Railways	0	0	0	Not Searched	

Section 7:Railways and Tunnels	On-site	0-50m	51-250	251-500
7.5 Railway Projects	0	0	0	0

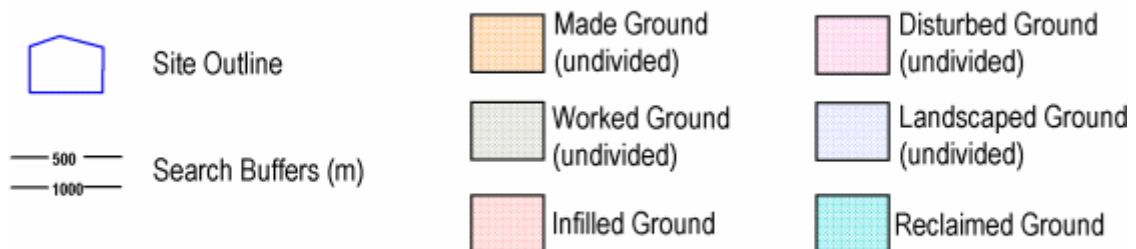
1 Geology

1.1 Artificial Ground Map



Artificial Ground Legend

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1 Geology

1.1 Artificial Ground

1.1.1 Artificial/ Made Ground

The following geological information represented on the mapping is derived from 1:50,000 scale BGS Geological mapping, Sheet No:256

Are there any records of Artificial/Made Ground within 500m of the study site boundary? Yes

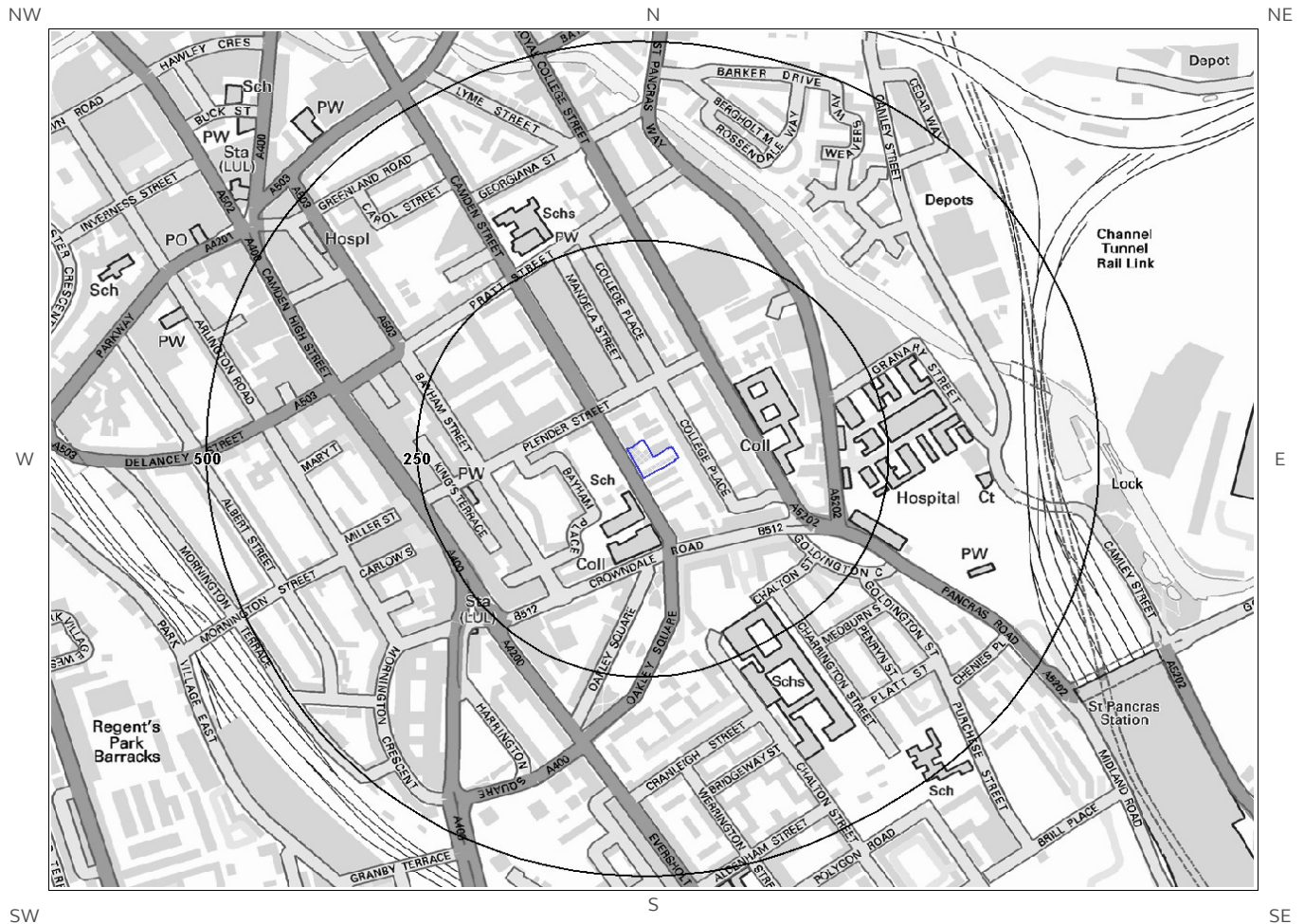
ID	Distance (m)	Direction	LEX Code	Description	Rock Description
1	0.0	On Site	WGR-OPEN	WORKED GROUND (UNDIVIDED)	VOID
2	82.0	NW	WGR-OPEN	WORKED GROUND (UNDIVIDED)	VOID
3	295.0	SW	WGR-OPEN	WORKED GROUND (UNDIVIDED)	VOID
4	331.0	NW	WGR-OPEN	WORKED GROUND (UNDIVIDED)	VOID

1.1.2 Permeability of Artificial Ground

Are there any records relating to permeability of artificial ground within the study site boundary? No


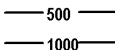
Database searched and no data found.

1.2 Superficial Deposits and Landslips Map



**Superficial Deposits and Landslips
Legend**

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-  Site Outline
-  Search Buffers (m)

1.2 Superficial Deposits and Landslips

1.2.1 Superficial Deposits/ Drift Geology

Are there any records of Superficial Deposits/ Drift Geology within 500m of the study site boundary? No

Database searched and no data found.

1.2.2 Permeability of Superficial Ground

Are there any records relating to permeability of superficial ground within the study site boundary? No

Database searched and no data found.

1.2.3 Landslip

Are there any records of Landslip within 500m of the study site boundary? No

Database searched and no data found.

This Geology shows the main components as discrete layers, these are: Artificial / Made Ground, Superficial / Drift Geology and Landslips. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.

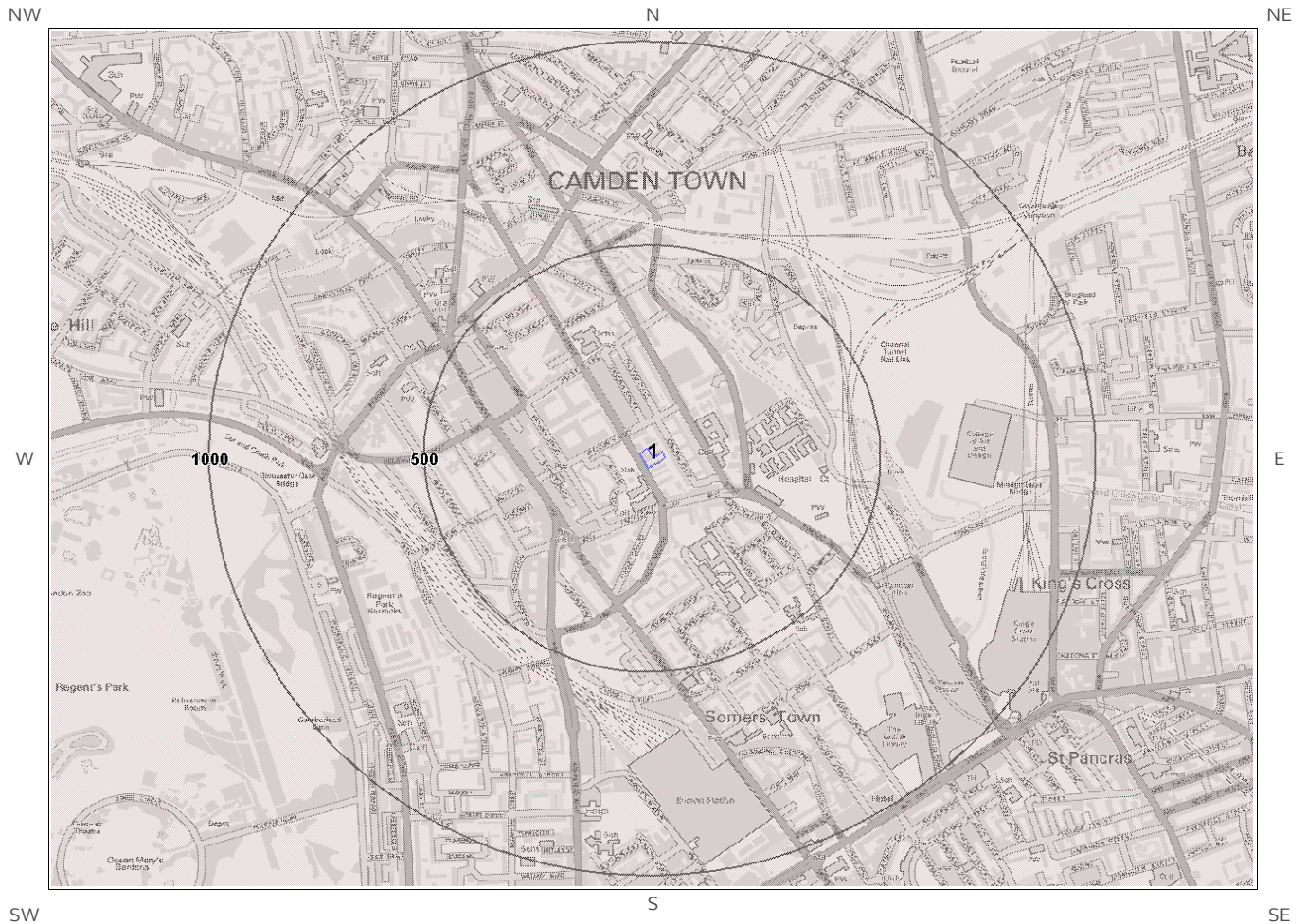
1.2.4 Landslip Permeability

Are there any records relating to permeability of landslips within the study site** boundary? No

Database searched and no data found.

* This includes an automatically generated 50m buffer zone around the site

1.3 Bedrock and Faults Map

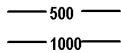


Bedrock and Faults Legend

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Site Outline



Search Buffers (m)