

Site Details: 54 BROAD STREET MALL, BROAD STREET, READING, RG1 7QE	
Client Ref: 2206	Report Ref: GS-5187837
Grid Ref: 471238, 173353	
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SITE – BROAD STREET MALL, READING
PHASE I ENVIRONMENTAL DESKTOP STUDY
REPORT No. 2206-DS01
JULY 2018



APPENDIX E Groundsure Report



BJB Consulting Limited
Head Office, Unit 7, Calder Close, Calder Park,
WAKEFIELD, WF4 3BA

Groundsure Reference: GS-5187835
Your Reference: 2206
Report Date: 2 Jul 2018
Report Delivery Method: Email - pdf

Enviro Insight

Address: 54 BROAD STREET MALL, BROAD STREET, READING, RG1 7QE

Dear Sir/ Madam,

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

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above Groundsure reference number.

Yours faithfully,

Managing Director
Groundsure Limited

Enc.
Groundsure Enviroinsight



Enviro Insight

Address: 54 BROAD STREET MALL, BROAD STREET, READING, RG1 7QE
Date: 2 Jul 2018
Reference: GS-5187835
Client: BJB Consulting Limited



Aerial Photograph Capture date: 20-Apr-2015
Grid Reference: 471248,173368
Site Size: 2.44ha

Report Reference: GS-5187835
Client Reference: 2206

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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	1	0	16	100
1.2 Additional Information – Historical Tank Database	0	0	27	71
1.3 Additional Information – Historical Energy Features Database	0	3	48	88
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	1
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	4	0	39	46
1.6 Potentially Infilled Land	0	0	0	4

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	0	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	0	0	0
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
2.1.8 Records of Licensed Discharge Consents	0	0	1	11
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	1	0	2	12
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	1	3
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	2	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	0	0	4	5

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	3	6	31	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	1	1
4.3 National Grid Underground Electricity Cables	0	0	0	0
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 5: Geology	
5.1 Records of Artificial Ground and Made Ground present beneath the study site	None identified
5.2 Records of Superficial Ground and Drift Geology present beneath the study site	Identified
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 Records of Strata Classification in the Superficial Geology within 500m of the study site	Identified					
6.2 Records of Strata Classification in the Bedrock Geology within 500m of the study site	Identified					
	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	1	0	5	10
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	2	0	4
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	1	0	2	2
6.6 Source Protection Zones (within 500m of the study site)	0	0	0	0	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	1	0	1	1	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 Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site	No	No	No	Yes	Yes	Yes
6.10 Ordnance Survey MasterMap Water Network entries within 500m of the site	0	0	30	38	Not searched	Not searched
6.11 Surface water features within 250m of the study site	No	No	Yes	Not searched	Not searched	Not searched

Section 7: Flooding	
7.1 Enviroment Agency Zone 2 floodplains within 250m of the study site	Identified
7.2 Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	Identified
7.3 Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site	Very Low
7.4 Flood Defences within 250m of the study site	None identified
7.5 Areas benefiting from Flood Defences within 250m of the study site	None identified
7.6 Areas used for Flood Storage within 250m of the study site	None identified
7.7 Maximum BGS Groundwater Flooding susceptibility within 50m of the study site	Potential at Surface
7.8 BGS confidence rating for the Groundwater Flooding susceptibility areas	High

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

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.

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	1	0	0	0	2
8.14 Records of Green Belt land	0	0	0	0	0	0

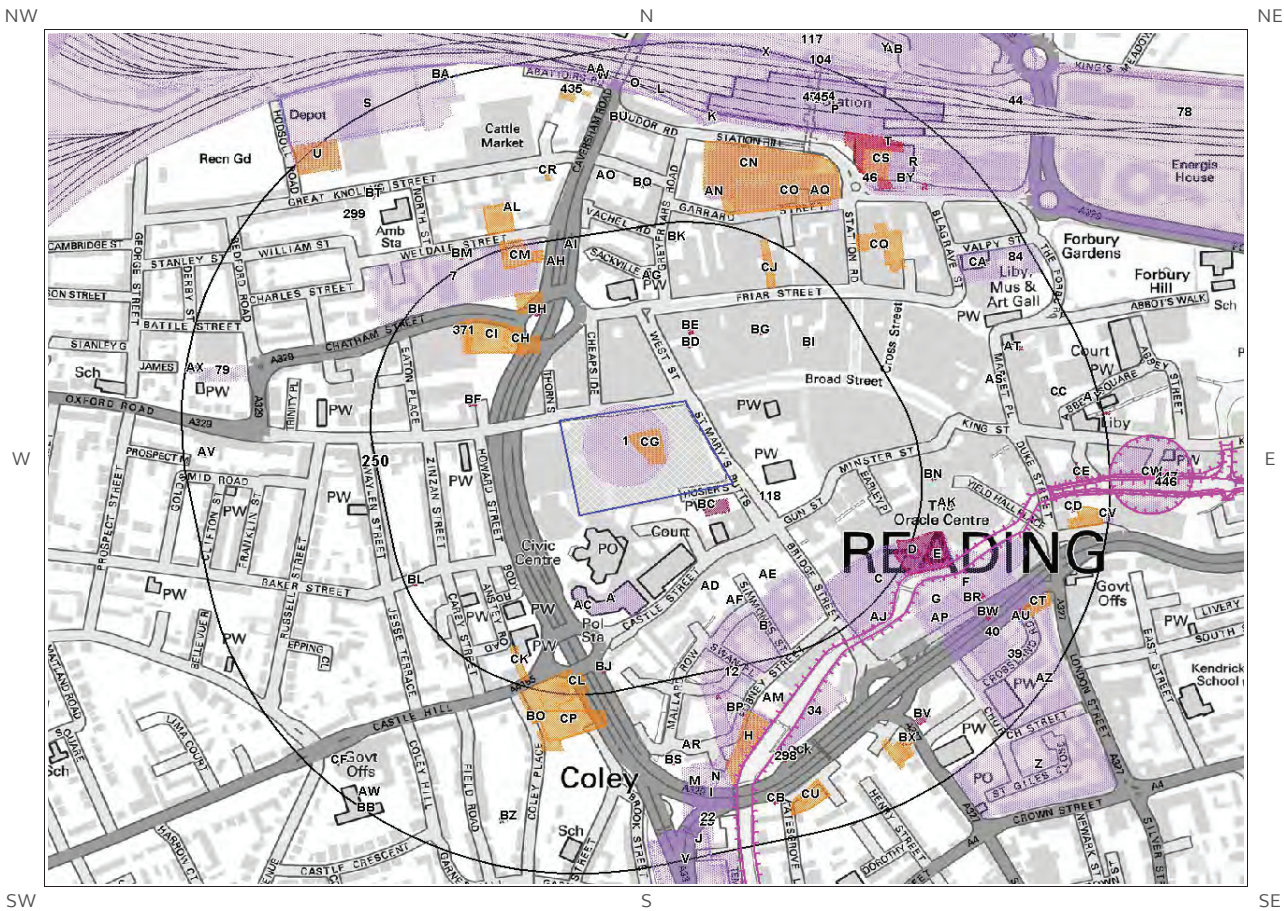
Section 9: Natural Hazards

9.1 Maximum risk of natural ground subsidence		High
9.1.1 Maximum Shrink-Swell hazard rating identified on the study site		Negligible
9.1.2 Maximum Landslides hazard rating identified on the study site		Very Low
9.1.3 Maximum Soluble Rocks hazard rating identified on the study site		High
9.1.4 Maximum Compressible Ground hazard rating identified on the study site		Negligible
9.1.5 Maximum Collapsible Rocks hazard rating identified on the study site		Very Low
9.1.6 Maximum Running Sand hazard rating identified on the study site		Very Low
9.2 Radon		
9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The site 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 Coal mining areas within 75m of the study site	None identified
10.2 Non-Coal Mining areas within 50m of the study site boundary	Identified
10.3 Brine affected areas within 75m of the study site	None identified

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: 117

ID	Distance [m]	Direction	Use	Date
1	0	On Site	Smithy	1913
2A	101	S	Police Station	1989
3A	101	S	Police Station	1977
4A	101	S	Police Station	1994
5B	146	SE	Brewery	1971
6B	146	SE	Brewery	1977
7	182	N	Unspecified Depot	1977
8C	185	SE	Brewery	1933
9C	187	SE	Brewery	1977
10C	187	SE	Brewery	1971
11C	188	SE	Brewery	1938
12	191	S	Unspecified Commercial/Industrial	1933
13C	195	SE	Unspecified Commercial/Industrial	1898
14C	195	SE	Brewery	1938
15C	195	SE	Brewery	1913
16D	245	E	Unspecified Tanks	1971
17D	245	E	Unspecified Tanks	1977
18D	255	SE	Unspecified Tank	1898
19I	263	S	Railway Sidings	1938
20	270	S	Railway Sidings	1913
21CO	273	N	Garage	1971
22	274	S	Railway Sidings	1933
23E	275	E	Unspecified Tank	1913
24E	275	E	Unspecified Tank	1898
25	278	S	Railway Sidings	1938
26G	280	SE	Unspecified Commercial/Industrial	1933
27BR	283	SE	Unspecified Mill	1898
28AN	284	N	Smithy	1913
29F	285	SE	Unspecified Depot	1977
30F	285	SE	Unspecified Depot	1994
31F	285	SE	Unspecified Depot	1989
32CN	286	N	Bus Station	1994

33BP	299	S	Railway Building	1913
34	302	SE	Hospitals	1898
35H	308	S	Unspecified Commercial/Industrial	1933
36G	316	SE	Railway Sidings	1933
37H	322	S	Railway Building	1938
38I	329	S	Railway Sidings	1962
39	355	SE	Unspecified Factory	1977
40	360	SE	Unspecified Factory	1971
41J	372	S	Goods Depot	1933
42M	374	S	Railway Building	1962
43J	375	S	Goods Depot	1938
44	382	NE	Railway Sidings	1898
45	383	NE	Railway Sidings	1938
46	384	NE	Railway Building	1962
47	384	NE	Railway Sidings	1962
48K	385	N	Railway Building	1989
49K	385	N	Railway Building	1977
50K	385	N	Railway Building	1994
51L	385	N	Railway Sidings	1989
52L	385	N	Railway Sidings	1994
53M	385	S	Railway Buildings	1913
54	386	N	Railway Sidings	1913
55	387	N	Railway Sidings	1938
56N	389	S	Railway Buildings	1938
57N	391	S	Railway Building	1962
58P	392	NE	Railway Station	1994
59O	396	N	Railway Sidings	1977
60O	396	N	Railway Sidings	1971
61CA	400	NE	Telegraph House	1971
62P	401	N	Railway Station	1962
63P	401	N	Railway Station	1989
64P	401	N	Railway Station	1977
65P	401	N	Railway Station	1971
66P	403	N	Railway Station	1898
67CS	403	NE	Garage	1971
68AA	404	N	Railway Sidings	1933
69Q	405	N	Railway Station	1913
70Q	405	N	Railway Station	1938
71R	405	NE	Terminus	1898
72R	406	NE	Terminus	1938
73Q	407	N	Railway Station	1938
74R	408	NE	Terminus	1933
75R	409	NE	Terminus	1913
76R	409	NE	Terminus	1938
77Q	412	N	Railway Station	1933

78	413	NE	Railway Sidings	1933
79	419	W	Nursery	1913
80S	438	N	Corporation Yard	1994
81S	438	N	Corporation Yard	1989
82T	440	NE	Railway Building	1913
83T	440	NE	Railway Building	1938
84	446	NE	Police Station	1971
85S	451	NW	Corporation Yard	1962
86S	451	NW	Corporation Yard	1913
87S	451	NW	Corporation Yard	1938
88S	451	NW	Corporation Yard	1938
89U	454	NW	Unspecified Works	1977
90U	454	NW	Unspecified Commercial/Industrial	1989
91U	454	NW	Unspecified Commercial/Industrial	1994
92V	455	S	Railway Sidings	1971
93V	455	S	Railway Sidings	1977
94V	455	S	Unspecified Depot	1971
95V	455	S	Unspecified Depot	1977
96S	458	NW	Corporation Yard	1933
97W	458	N	Railway Building	1898
98W	462	N	Railway Building	1913
99X	489	N	Railway Building	1971
100X	489	N	Railway Building	1989
101X	489	N	Railway Building	1977
102X	489	N	Railway Building	1994
103CV	489	E	Smithy	1913
104	491	N	Railway Building	1898
105Y	494	N	Railway Works	1913
106Y	494	N	Railway Works	1938
107Z	495	SE	Tin Works	1913
108Z	495	SE	Tin Works	1938
109AA	495	N	Railway Building	1938
110AA	495	N	Railway Building	1913
111AB	496	N	Unspecified Works	1971
112AB	496	N	Unspecified Works	1962
113AB	496	N	Unspecified Works	1977
114AA	498	N	Railway Building	1938
115Y	499	N	Unspecified Works	1938
116CW	500	E	Unspecified Wharf	1938
117	500	N	Unspecified Works	1933

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: 98

ID	Distance (m)	Direction	Use	Date
118	51	SE	Unspecified Tank	1931
119AC	130	S	Unspecified Tank	1879
120AC	130	S	Unspecified Tank	1879
121AD	137	S	Unspecified Tank	1980
122AD	137	S	Unspecified Tank	1970
123AE	139	S	Unspecified Tank	1970
124AE	139	S	Unspecified Tank	1980
125AF	161	S	Unspecified Tank	1980
126AF	162	S	Unspecified Tank	1970
127AG	173	N	Unspecified Tank	1900
128AG	177	N	Unspecified Tank	1912
129AG	179	N	Unspecified Tank	1879
130AG	179	N	Unspecified Tank	1879
131AH	214	N	Tank or Trough	1880
132AH	214	N	Tank or Trough	1880
133D	230	E	Gas Works	1879
134D	230	E	Gas Works	1879
135D	230	E	Gas Works	1912
136D	230	E	Gas Works	1900
137D	233	SE	Gas Works	1879
138AI	235	N	Unspecified Tank	1880
139AI	235	N	Unspecified Tank	1880
140AI	238	N	Unspecified Tank	1880
141AI	238	N	Unspecified Tank	1880
142D	246	E	Tanks	1968
143D	247	E	Tanks	1962
144D	247	E	Tanks	1979
145D	252	E	Tanks	1957
146D	252	E	Tanks	1958
147D	253	E	Tanks	1956
148D	253	E	Gasometer	1879
149D	253	E	Gasometer	1879
150D	253	SE	Gasometer	1900
151D	254	E	Gasometer	1879
152AJ	270	SE	Tank or Trough	1879
153AJ	270	SE	Tank or Trough	1879
154AJ	272	SE	Tank or Trough	1879

155E	273	E	Gasometer	1912
156E	273	E	Gasometer	1900
157E	273	E	Gasometer	1879
158E	273	E	Gasometer	1879
159E	275	E	Gasometer	1879
160D	277	SE	Unspecified Tank	1956
161D	278	SE	Unspecified Tank	1957
162D	278	SE	Unspecified Tank	1958
163AK	283	E	Tanks	1879
164AK	283	E	Tanks	1879
165BO	290	S	Unspecified Tank	1972
166E	294	E	Tanks	1957
167E	294	E	Tanks	1958
168E	294	E	Tanks	1962
169E	294	E	Tanks	1956
170E	294	E	Tanks	1968
171E	295	E	Tanks	1979
172AL	299	N	Pump and Tank	1880
173AL	299	N	Pump and Tank	1880
174E	302	E	Tanks	1968
175E	302	E	Tanks	1962
176E	303	E	Tanks	1979
177AM	307	S	Unspecified Tank	1988
178AM	307	S	Unspecified Tank	1980
179AM	308	S	Unspecified Tank	1970
180AN	310	N	Unspecified Tank	1969
181AO	322	N	Tank or Trough	1879
182AO	322	N	Tank or Trough	1879
183AO	324	N	Tank or Trough	1879
184AO	324	N	Tank or Trough	1879
185AP	332	SE	Unspecified Tank	1900
186AP	333	SE	Unspecified Tank	1879
187AQ	338	NE	Tank or Trough	1879
188AQ	338	NE	Tank or Trough	1879
189AQ	340	NE	Tank or Trough	1879
190AR	347	S	Unspecified Tank	1879
191AR	347	S	Unspecified Tank	1879
192AS	371	E	Tank or Trough	1879
193AS	371	E	Tank or Trough	1879
194AT	412	NE	Pump and Tank	1879
195AT	412	NE	Pump and Tank	1879
196BY	421	NE	Unspecified Tank	1988
197AU	421	SE	Unspecified Tank	1968
198AU	422	SE	Unspecified Tank	1979
199AV	468	W	Unspecified Tank	1958
200AV	468	W	Unspecified Tank	1959

201AW	480	SW	Unspecified Tank	1879
202AW	480	SW	Unspecified Tank	1879
203AX	481	W	Unspecified Tank	1971
204AX	483	W	Unspecified Tank	1993
205AX	483	W	Unspecified Tank	1986
206AY	487	E	Unspecified Tank	1988
207AY	487	E	Unspecified Tank	1997
208AZ	493	SE	Tanks	1968
209AZ	493	SE	Tanks	1962
210BA	495	N	Tanks	1986
211BA	495	N	Tanks	1993
212BB	498	SW	Unspecified Tank	1976
213BA	498	N	Unspecified Tank	1993
214BA	498	N	Unspecified Tank	1986
215BB	499	SW	Unspecified Tank	1988

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: 139

ID	Distance (m)	Direction	Use	Date
216BC	19	S	Electricity Substation	1970
217BC	19	S	Electricity Substation	1988
218BC	19	S	Electricity Substation	1980
219BD	75	N	Electricity Substation	1993
220BD	75	N	Electricity Substation	1994
221BD	75	N	Electricity Substation	1996
222BD	93	N	Electricity Substation	1988
223BD	93	N	Electricity Substation	1979
224BD	93	N	Electricity Substation	1993
225BE	93	N	Electricity Substation	1986
226BE	93	N	Electricity Substation	1969
227BE	96	N	Electricity Substation	1994
228BE	96	N	Electricity Substation	1996
229BF	111	W	Electricity Substation	1980
230BF	111	W	Electricity Substation	1988
231BF	112	W	Electricity Substation	1970
232BG	135	NE	Electricity Substation	1993
233BG	135	NE	Electricity Substation	1988
234BG	135	NE	Electricity Substation	1996
235BG	135	NE	Electricity Substation	1994

236BG	136	NE	Electricity Substation	1986
237BH	149	N	Electricity Substation	1988
238BH	149	N	Electricity Substation	1979
239BH	149	N	Electricity Substation	1993
240BH	149	N	Electricity Substation	1986
241BH	149	N	Electricity Substation	1994
242BH	149	N	Electricity Substation	1996
243BI	177	NE	Electricity Substation	1969
244BI	178	NE	Electricity Substation	1993
245BI	178	NE	Electricity Substation	1988
246BI	178	NE	Electricity Substation	1979
247BI	178	NE	Electricity Substation	1996
248BI	178	NE	Electricity Substation	1994
249BI	178	NE	Electricity Substation	1986
250BJ	215	S	Electricity Substation	1980
251BJ	215	S	Electricity Substation	1988
252BK	223	N	Electricity Substation	1986
253BK	224	N	Electricity Substation	1988
254BK	224	N	Electricity Substation	1979
255BK	224	N	Electricity Substation	1993
256BK	227	N	Electricity Substation	1996
257BK	227	N	Electricity Substation	1994
258BK	228	N	Electricity Substation	1969
259D	230	E	Gas Works	1879
260D	230	E	Gas Works	1879
261D	230	E	Gas Works	1900
262D	230	E	Gas Works	1912
263D	233	SE	Gas Works	1879
264BL	234	SW	Electricity Substation	1971
265BL	236	SW	Electricity Substation	1986
266BL	236	SW	Electricity Substation	1993
267D	253	E	Gasometer	1879
268D	253	E	Gasometer	1879
269D	253	SE	Gasometer	1900
270D	254	E	Gasometer	1879
271BM	259	NW	Electricity Substation	1971
272BM	259	NW	Electricity Substation	1986
273BN	262	E	Electricity Substation	1968
274BN	262	E	Electricity Substation	1988
275BN	263	E	Electricity Substation	1997
276BN	263	E	Electricity Substation	1988
277BN	263	E	Electricity Substation	1979
278D	264	E	Electricity Substation	1968
279D	264	E	Electricity Substation	1979
280E	273	E	Gasometer	1912
281E	273	E	Gasometer	1900

282E	273	E	Gasometer	1879
283E	273	E	Gasometer	1879
284E	275	E	Gasometer	1879
285BO	277	S	Electricity Substation	1988
286BP	284	S	Electricity Substation	1988
287BQ	303	N	Electricity Substation	1993
288BQ	305	N	Electricity Substation	1994
289BQ	305	N	Electricity Substation	1996
290BR	358	SE	Electricity Substation	1988
291F	359	SE	Electricity Substation	1997
292F	361	SE	Electricity Substation	1988
293BS	363	S	Electricity Substation	1996
294BS	363	S	Electricity Substation	1995
295BR	367	SE	Electricity Substation	1979
296BW	377	SE	Electricity Substation	1968
297BR	378	SE	Electricity Substation	1979
298	389	S	Electricity Substation	1969
299	389	NW	Electricity Substation	1971
300BT	395	NW	Electricity Substation	1993
301BT	395	NW	Electricity Substation	1986
302BU	399	N	Electricity Substation	1988
303BU	399	N	Electricity Substation	1993
304BV	400	SE	Electricity Substation	1982
305BU	400	N	Electricity Substation	1994
306BU	400	N	Electricity Substation	1996
307BV	409	SE	Electricity Substation	1982
308BW	413	SE	Electricity Substation	1988
309AU	414	SE	Electricity Substation	1997
310AU	414	SE	Electricity Substation	1988
311BX	421	SE	Electricity Substation	1982
312AT	422	NE	Electricity Substation	1993
313AT	422	NE	Electricity Substation	1979
314AT	422	NE	Electricity Substation	1988
315AT	422	NE	Electricity Substation	1988
316AT	422	NE	Electricity Substation	1986
317BX	422	SE	Electricity Substation	1982
318BX	422	SE	Electricity Substation	1979
319BY	431	NE	Electricity Substation	1979
320BY	431	NE	Electricity Substation	1986
321BY	431	NE	Electricity Substation	1971
322BZ	432	S	Electricity Substation	1991
323BZ	432	S	Electricity Substation	1986
324BZ	434	S	Electricity Substation	1996
325BZ	434	S	Electricity Substation	1995
326BZ	434	S	Electricity Substation	1968
327BZ	435	S	Electricity Substation	1969

328BZ	435	S	Electricity Substation	1972
329CA	438	NE	Electricity Substation	1979
330CA	438	NE	Electricity Substation	1988
331CA	438	NE	Electricity Substation	1988
332CA	438	NE	Electricity Substation	1993
333CA	438	NE	Electricity Substation	1971
334CA	438	NE	Electricity Substation	1986
335CB	443	S	Electricity Substation	1996
336CB	443	S	Electricity Substation	1995
337CB	444	S	Electricity Substation	1972
338CB	445	S	Electricity Substation	1986
339CB	445	S	Electricity Substation	1991
340CC	446	E	Electricity Substation	1988
341CC	448	E	Electricity Substation	1988
342CC	448	E	Electricity Substation	1997
343CD	450	E	Electricity Substation	1988
344CD	451	E	Electricity Substation	1997
345CE	455	E	Electricity Substation	1988
346CE	456	E	Electricity Substation	1997
347CE	458	E	Electricity Substation	1988
348CF	466	SW	Electricity Substation	1993
349CF	466	SW	Electricity Substation	1976
350CF	467	SW	Electricity Substation	1988
351AX	483	W	Electricity Substation	1971
352AX	484	W	Electricity Substation	1986
353AX	484	W	Electricity Substation	1993
354AY	498	E	Electricity Substation	1997

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: 1

ID	Distance (m)	Direction	Use	Date
355T	391	NE	Filling Station	1979

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: 89

ID	Distance (m)	Direction	Use	Date
356CG	0	On Site	Garage	1958
357CG	0	On Site	Garage	1957
358CG	0	On Site	Garage	1957
359CG	0	On Site	Garage	1962
360CH	98	N	Garage	1957
361CH	98	N	Garage	1962
362CH	99	N	Garage	1957
363CH	99	N	Garage	1958
364CI	109	NW	Car Park and Garage	1994
365CI	109	NW	Car Park and Garage	1996
366CI	110	NW	Multistorey Garage and Car Park	1988
367CI	110	NW	Multistorey Garage and Car Park	1979
368CI	110	NW	Multistorey Garage and Car Park	1993
369CI	110	NW	Car Park and Garage	1986
370CI	117	NW	Car Park and Garage	1969
371	154	NW	Garage	1971
372BH	155	N	Garage	1962
373BH	155	N	Garage	1957
374BH	157	N	Garage	1957
375BH	157	N	Garage	1958
376CJ	191	NE	Garage	1962
377CJ	191	NE	Garage	1957
378CJ	191	NE	Garage	1969
379CJ	192	NE	Garage	1958
380CJ	192	NE	Garage	1957
381CK	198	SW	Garage	1958
382CK	198	SW	Garage	1957
383CK	202	SW	Garage	1962
384CK	202	SW	Garage	1957
385CL	214	S	Garage	1957
386CL	214	S	Garage	1958
387CL	215	S	Garage	1962
388CM	222	N	Garage	1957
389CM	222	N	Garage	1957
390CM	223	N	Garage	1958
391CM	223	N	Garage	1962
392CL	225	S	Garage	1957
393CL	226	S	Garage	1957
394CL	226	S	Garage	1958

395CL	227	S	Garage	1962
396CL	227	S	Garage	1970
397CL	227	S	Garage	1957
398CL	227	S	Garage	1980
399CN	265	N	Garage	1957
400CN	265	N	Garage	1957
401CN	265	N	Garage	1958
402CO	270	N	Garage	1962
403CO	270	N	Garage	1969
404AL	272	N	Garage	1996
405AL	272	N	Garage	1994
406AL	272	N	Garage	1993
407AL	272	N	Garage	1988
408CP	272	S	Garage	1957
409CP	272	S	Garage	1959
410AL	273	N	Garage	1986
411CP	273	S	Garage	1957
412CP	273	S	Garage	1968
413CP	273	S	Garage	1969
414CP	273	S	Garage	1972
415CQ	309	NE	Garage	1962
416CQ	309	NE	Garage	1956
417CQ	309	NE	Garage	1971
418CQ	310	NE	Garage	1957
419CQ	310	NE	Garage	1958
420H	314	S	Depot and Destructor Works	1957
421CR	333	N	Garage	1958
422CR	333	N	Garage	1957
423CR	333	N	Garage	1962
424CR	333	N	Garage	1969
425CR	333	N	Garage	1957
426CS	396	NE	Garage	1971
427BX	410	SE	Garage	1959
428BX	411	SE	Garage	1957
429BX	411	SE	Garage	1957
430CT	420	SE	Police Garage	1968
431CT	421	SE	Police Garage	1979
432CU	426	S	Garage	1957
433CU	426	S	Garage	1969
434CU	431	S	Garage	1972
435	435	N	Garage	1969
436CU	444	S	Garage	1968
437CU	444	S	Garage	1957
438CU	444	S	Garage	1959
439CV	447	E	Garage	1957

440CV	447	E	Garage	1958
441CV	453	E	Garage	1968
442CV	454	E	Garage	1956
443CV	454	E	Garage	1962
444U	456	NW	Agricultural Engineering Works	1971

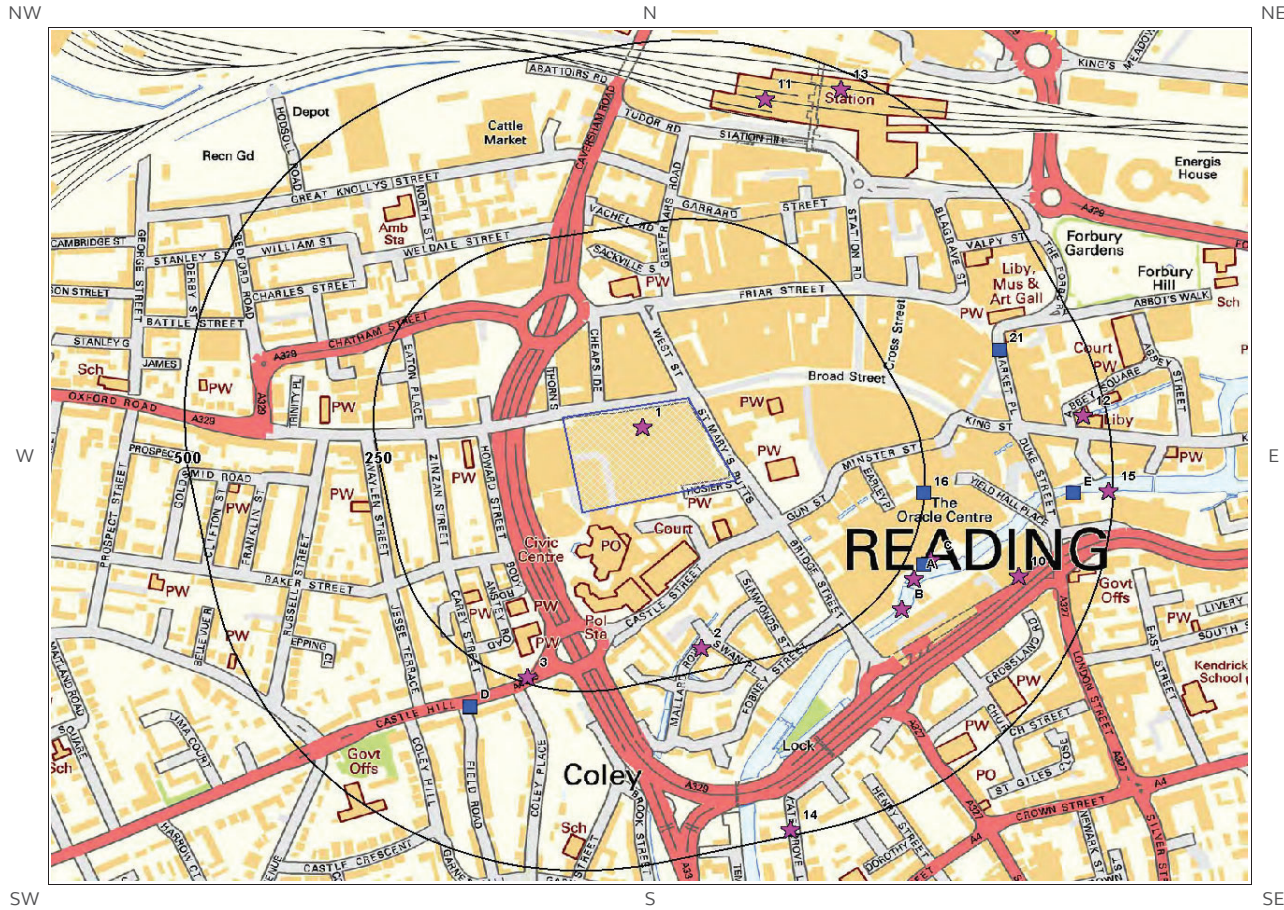
1.6 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 4

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

ID	Distance(m)	Direction	Use	Date
445	261	SE	Canal	1938
446	418	E	Canal	1938
447	419	E	Canal	1933
448CW	500	E	Unspecified Wharf	1938

2. Environmental Permits, Incidents and Registers Map



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-  Site Outline

 Search Buffers (m)

 Recorded Pollution Incident

 Dangerous Substances (List 1)

 Dangerous Substances (List 2)

 Water Industry Referrals

 Licenced Discharge Consents

 Red List Discharge Consents

 RAS 3 & 4 Authorisations

 Part A(1) Authorised Processes and Historic IPC Authorisations

 Part A(2) and Part B Authorised Processes

 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:

Database searched and no data found.

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

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:

Database searched and no data found.

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

Database searched and no data found.

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

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:

Database searched and no data found.

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

Database searched and no data found.

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

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

ID	Distance (m)	Direction	NGR	Details
16	248	E	471600 173300	Address: 17/23 KING STREET, READING, BERKSHI, 17/23 KING STREET, READING, BERK, SHIRE Effluent Type: MISCELLANEOUS DISCHARGES - UNSPECIFIED Permit Number: CTWC.3315 Permit Version: 1 Receiving Water: HOLY BROOK Status: REVOKED - UNSPECIFIED Issue date: 12/06/1989 Effective Date: 12-Jun-1989 Revocation Date: 27/06/1991
17C	274	SE	471600 173200	Address: THE BREWERY, READING, BERKS Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTCR.0211 Permit Version: 1 Receiving Water: KENNET Status: REVOKED - UNSPECIFIED Issue date: 19/12/1955 Effective Date: 19-Dec-1955 Revocation Date: 12/06/1990
18D	309	SW	471000 173002	Address: Reading, Vastern Road, Reading, Vastern Road Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.1779 Permit Version: 1 Receiving Water: HOLY BROOK Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 02/11/1989 Effective Date: 02-Nov-1989 Revocation Date: 31/03/1997
19D	310	SW	471000 173001	Address: Reading, Bennet Road, Reading, Bennet Road Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.1767 Permit Version: 1 Receiving Water: HOLLY BROOK Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: 02/11/1989 Effective Date: 02-Nov-1989 Revocation Date: 02/09/2010
20D	310	SW	471000 173001	Address: Reading, Bennet Road, Reading, Bennet Road Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.1767 Permit Version: 2 Receiving Water: Holly Brook Status: SURRENDERED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03-Sep-2010 Revocation Date: 13/10/2015
21	392	NE	471700 173500	Address: FACTORY PREMISES, KINGS ROAD, READI, FACTORY PREMISES, KINGS ROAD, RE, ADING, BERKS Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTCP.0294 Permit Version: 1 Receiving Water: R KENNET Status: REVOKED - UNSPECIFIED Issue date: 12/02/1964 Effective Date: 12-Feb-1964 Revocation Date: 04/02/1986

ID	Distance (m)	Direction	NGR	Details	
22E	448	E	471800 173300	Address: PREMISES, KINGS RD, READING, BERKS, PREMISES, KINGS RD, READING, BER, KS Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTCP.0299 Permit Version: 1	Receiving Water: R KENNET Status: REVOKED - UNSPECIFIED Issue date: 12/02/1964 Effective Date: 12-Feb-1964 Revocation Date: 04/02/1986
23E	448	E	471800 173300	Address: PREMISES, KINGS RD, READING, BERKS, PREMISES, KINGS RD, READING, BER, KS Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTCP.0298 Permit Version: 1	Receiving Water: R KENNET Status: REVOKED - UNSPECIFIED Issue date: 12/02/1964 Effective Date: 12-Feb-1964 Revocation Date: 04/02/1986
24E	448	E	471800 173300	Address: FACTORY AT READING, BERKS Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTRC.0508 Permit Version: 1	Receiving Water: KENNET Status: REVOKED - UNSPECIFIED Issue date: 22/03/1962 Effective Date: 22-Mar-1962 Revocation Date: 03/04/1987
25E	448	E	471800 173300	Address: PREMISES, KINGS RD, READING, BERKS, PREMISES, KINGS RD, READING, BER, KS Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTCP.0297 Permit Version: 1	Receiving Water: R KENNET Status: REVOKED - UNSPECIFIED Issue date: 12/02/1964 Effective Date: 12-Feb-1964 Revocation Date: 04/02/1986
26E	448	E	471800 173300	Address: PREMISES, KINGS RD, READING, BERKS, PREMISES, KINGS RD, READING, BER, KS Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTCP.0295 Permit Version: 1	Receiving Water: R KENNET Status: REVOKED - UNSPECIFIED Issue date: 12/02/1964 Effective Date: 12-Feb-1964 Revocation Date: 04/02/1986
27E	448	E	471800 173300	Address: PREMISES, KINGS RD, READING, BERKS, PREMISES, KINGS RD, READING, BER, KS Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTCP.0296 Permit Version: 1	Receiving Water: R KENNET Status: REVOKED - UNSPECIFIED Issue date: 12/02/1964 Effective Date: 12-Feb-1964 Revocation Date: 04/02/1986

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:

15

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	0	On Site	471228 173393	Incident Date: 05-Jan-2002 Incident Identification: 50702 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
2	219	S	471306 173084	Incident Date: 11-Oct-2001 Incident Identification: 35859 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3	241	S	471075 173044	Incident Date: 29-Aug-2003 Incident Identification: 185987 Pollutant: Oils and Fuel:Other Pollutant Pollutant Description: Petrol:Other	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
4A	272	SE	471587 173181	Incident Date: 04-Oct-2001 Incident Identification: 34522 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
5A	272	SE	471587 173181	Incident Date: 04-Oct-2001 Incident Identification: 34522 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
6C	280	SE	471609 173207	Incident Date: 19-Aug-2001 Incident Identification: 25215 Pollutant: Organic Chemicals/Products Pollutant Description: Hydrocarbons	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
7B	282	SE	471570 173139	Incident Date: 17-Aug-2001 Incident Identification: 24937 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
8B	282	SE	471570 173139	Incident Date: 17-Aug-2001 Incident Identification: 24937 Pollutant: Organic Chemicals/Products Pollutant Description: Solvents	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9B	282	SE	471570 173139	Incident Date: 17-Aug-2001 Incident Identification: 24937 Pollutant: Organic Chemicals/Products:Pollutant Not Identified Pollutant Description: Solvents:Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Distance (m)	Direction	NGR	Details	
10	396	E	471725 173184	Incident Date: 11-Oct-2003 Incident Identification: 195650 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
11	429	N	471390 173850	Incident Date: 26-Apr-2002 Incident Identification: 74851 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
12	468	E	471812 173408	Incident Date: 28-Jun-2005 Incident Identification: 324802 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
13	476	NE	471490 173864	Incident Date: 14-May-2003 Incident Identification: 158358 Pollutant: Oils and Fuel Pollutant Description: Other Oil or Fuel	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
14	492	S	471423 172830	Incident Date: 13-Aug-2003 Incident Identification: 181888 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
15	493	E	471845 173303	Incident Date: 18-Jun-2003 Incident Identification: 166999 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) 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.

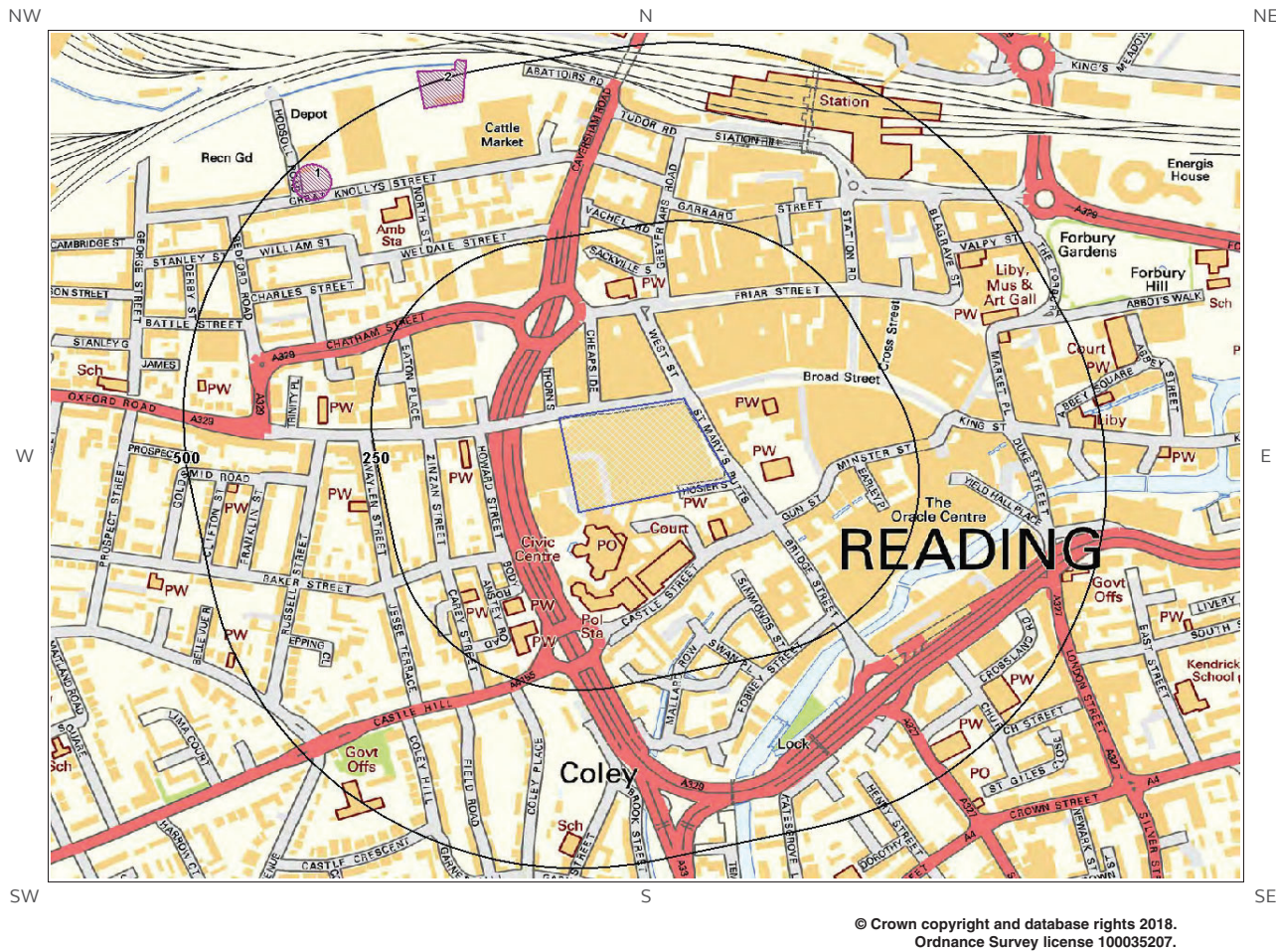
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

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

0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



3. Landfill and Other Waste Sites

3.1 Landfill Sites

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

0

Database searched and no data found.

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

4

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

ID	Distance (m)	Direction	NGR	Details
Not shown	951	NW		Site Address: Cow Lane, Reading, Berkshire Waste Licence: - Site Reference: TP0340, RDG4 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: 31-Dec-1950 Last Recorded: 31-Dec-1959
Not shown	1071	N		Site Address: Richfield Avenue, Reading, Berkshire Waste Licence: - Site Reference: RDG11, TP0122 Waste Type: Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: 31-Dec-1970 Last Recorded: 31-Dec-1979
Not shown	1197	S		Site Address: Waterloo Meadows, Reading, Berkshire Waste Licence: - Site Reference: TP0154, RDG8 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
Not shown	1456	E		Site Address: Napier Road, Reading, Berkshire Waste Licence: - Site Reference: TP0266, RDG3 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -

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

0

Database searched and no data found.

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

0

Database searched and no data found.

3.2 Other Waste Sites

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

2

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
1	441	NW	470794 173736	Type of Site: Surface Car Park/Waste Station Site Address: Great Knollys Street, Hodsoll Road, READING, Berkshire, RG1 7HP Planning Application Reference: 96/0097/R3/NJP Date: 01/09/1996 Further Details: Relocation of a public car park and civic amenity recycling centre with associated landscaping. Relocation of a public car park and civic amenity recycling centre with associated landscaping. Detailed plans approved 29th May, 1996. An application (ref: 96/0097/R3/NJP) for Detailed Planning permission was submitted to Reading B.C. on 14th February 1996. Data Source: Historic Planning Application Data Type: Point
2	462	N	470967 173873	Type of Site: Refuse Yard Site Address: N/A Planning Application Reference: N/A Date: 1879 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:

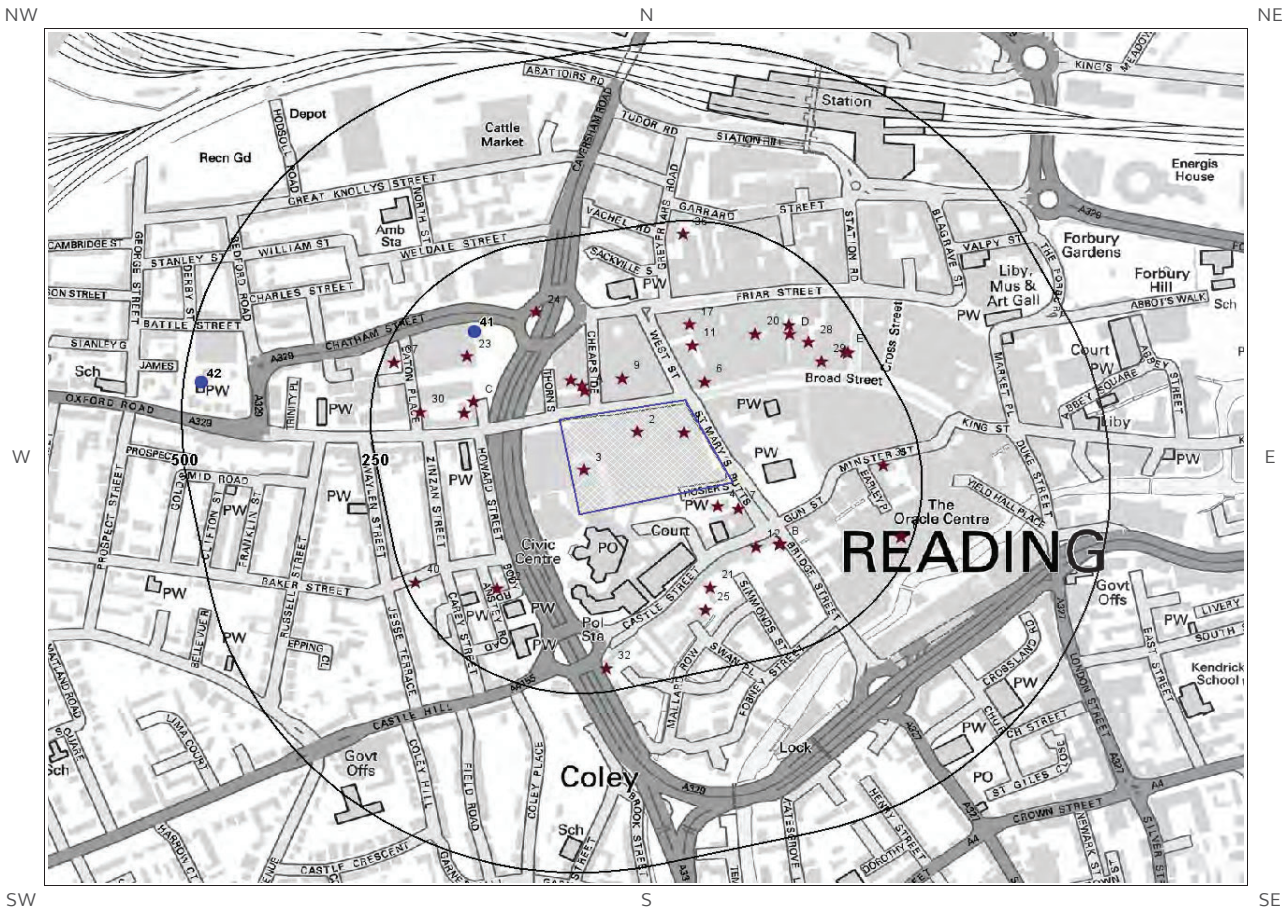
9

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
Not shown	749	W	470400 173600	Site Address: E.G.W Carter, 54, Gower Street, Reading, Berkshire, RG1 7PE Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAR001 EPR reference: EA/EPR/LP3699EF/S004 Operator: E G W Carter Waste Management licence No: 86001 Annual Tonnage: 9322.0 Issue Date: 19/03/1996 Effective Date: - Modified: - Surrendered Date: 23/07/1999 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: E G W Carter Correspondence Address: -
Not shown	985	NW	470497 174166	Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Type: 75kte Materials Recycling Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MCO003 EPR reference: EP3893VZ/A001 Operator: M Collard Waste Management Services Ltd Waste Management licence No: 101199 Annual Tonnage: 0.0 Issue Date: 11/02/2010 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: M Collard Waste Management Services Ltd Correspondence Address: -
Not shown	989	NW	470500 174174	Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Type: 75kte HCI Waste TS + treatment Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RCO001 EPR reference: EA/EPR/EB3500KB/T001 Operator: R Collard Limited Waste Management licence No: 101199 Annual Tonnage: 74999.0 Issue Date: 11/02/2010 Effective Date: 11/10/2016 Modified: 09/07/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: R Collard Limited Correspondence Address: -
Not shown	989	NW	470500 174174	Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Type: 75kte HCI Waste TS + treatment Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MCO003 EPR reference: EA/EPR/EP3893VZ/V002 Operator: M Collard Waste Management Services Ltd Waste Management licence No: 101199 Annual Tonnage: 74999.0 Issue Date: 11/02/2010 Effective Date: - Modified: 09/07/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: M Collard Waste Management Services Ltd Correspondence Address: -
Not shown	1004	NW	470200 173800	Site Address: Elliot Metal Company Ltd, 3, Loverock Road, Battle Farm Indus Est, Reading, Berkshire, RG3 1NL Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM001 EPR reference: EA/EPR/LP3199EB/V005 Operator: Sims Group Uk Limited Waste Management licence No: 86002 Annual Tonnage: 74999.0 Issue Date: 06/04/1993 Effective Date: 27/04/2002 Modified: 20/04/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Sims Group U K Ltd Correspondence Address: -

ID	Distance (m)	Direction	NGR	Details
Not shown	1004	NW	470200 173800	Site Address: Elliot Metal Company Ltd, 3, Loverock Road, Battle Farm Indus Est, Reading, Berkshire, RG3 1NL Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM001 EPR reference: EA/EPR/LP3199EB/V006 Operator: Sims Group U K Ltd Waste Management licence No: 86002 Annual Tonnage: 74999.0 Issue Date: 06/04/1993 Effective Date: 27/04/2002 Modified: 27/08/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Sims Group U K Ltd Correspondence Address: -
Not shown	1004	NW	470200 173800	Site Address: Elliot Metal Company Ltd, 3, Loverock Road, Battle Farm Indus Est, Reading, RG3 1NL Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM001 EPR reference: - Operator: Simsmetal Uk Limited Waste Management licence No: 86002 Annual Tonnage: 4999.0 Issue Date: 06/04/1993 Effective Date: 27/04/2002 Modified: 26/04/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Simsmetal U K Limited Correspondence Address: 4, The Uplands, Nailsea, Somerset, BS48 4RR
Not shown	1004	NW	470200 173800	Site Address: Elliot Metal Company Ltd, 3, Loverock Road, Battle Farm Indus Est, Reading, Berkshire, RG3 1NL Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PAR197 EPR reference: EA/EPR/CB3909KB/S002 Operator: Parsons Metal Recycling Limited Waste Management licence No: 86002 Annual Tonnage: 0.0 Issue Date: 06/04/1993 Effective Date: 26/06/2015 Modified: 27/08/2014 Surrendered Date: 08/03/2016 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Parsons Metal Recycling Limited Correspondence Address: -
Not shown	1040	E	472390 173390	Site Address: Omega Park, Alton, Hampshire, GU34 2QE Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HOP003 EPR reference: - Operator: Hopkins Recycling Ltd Waste Management licence No: 83406 Annual Tonnage: 4910.0 Issue Date: 15/10/2002 Effective Date: - Modified: 17/12/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Alton House Waste Recycling Centre Correspondence Address: Hopkins Recycling Limited, Unit 10, Bridge Farm, Curbridge, Botley, Southampton, Hampshire, SO30 2HB

4. Current Land Use Map



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4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site: 40

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

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	0	On Site	Samsung Reading	471287 173388	14, Broad Street Mall, Reading, RG1 7QE	Electrical Equipment Repair and Servicing	Repair and Servicing
2	0	On Site	Hidden Hearing	471225 173389	19, Oxford Road, Reading, RG1 7QG	Disability and Mobility Equipment	Consumer Products
3	0	On Site	Reading Business Centre	471154 173335	Fountain House 2, Queens Walk, Reading, RG1 7QF	Business Parks and Industrial Estates	Industrial Features
4	28	S	Electricity Sub Station	471332 173285	RG1	Electrical Features	Infrastructure and Facilities
5A	35	N	Amplifon	471156 173446	7, Cheapside, Reading, RG1 7AQ	Disability and Mobility Equipment	Consumer Products
6	36	NE	Boots Hearing Care	471314 173458	70-72, Broad Street, Reading, RG1 2AF	Disability and Mobility Equipment	Consumer Products
7	37	S	Kall Kwik Printing	471358 173282	32, St. Marys Butts, Reading, RG1 2LS	Published Goods	Industrial Products
8A	43	N	U T P Merchant Services Ltd	471152 173453	Zenith House, Cheapside, Reading, RG1 7AQ	Office and Shop Equipment	Industrial Products
9	45	N	Electricity Sub Station	471205 173464	RG1	Electrical Features	Infrastructure and Facilities
10A	53	N	Amplivox Ultratone	471137 173461	Unit 2 7 Cheapside, Reading, RG1 7AQ	Disability and Mobility Equipment	Consumer Products
11	78	N	Electricity Sub Station	471298 173510	RG1	Electrical Features	Infrastructure and Facilities
12	94	S	Waste King	471382 173228	7, Castle Street, Reading, RG1 7SB	Construction and Tool Hire	Hire Services
13B	105	SE	Bracknell News Series	471414 173233	Bowman House, 2-10 Bridge Street, Reading, RG1 2LU	Published Goods	Industrial Products
14B	105	SE	Berkshire Media Group	471413 173232	2-10, Bridge Street, Reading, RG1 2LU	Published Goods	Industrial Products
15B	105	SE	Wokingham News	471413 173232	2-10, Bridge Street, Reading, RG1 2LU	Published Goods	Industrial Products
16B	105	SE	Midweek Observer	471413 173232	2-10, Bridge Street, Reading, RG1 2LU	Published Goods	Industrial Products
17	107	N	Electricity Sub Station	471295 173539	RG1	Electrical Features	Infrastructure and Facilities
18C	117	W	Electricity Sub Station	471009 173431	RG1	Electrical Features	Infrastructure and Facilities

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
19C	127	W	Minuteman Press	470996 173415	82, Oxford Road, Reading, RG1 7LJ	Published Goods	Industrial Products
20	131	NE	Electricity Sub Station	471381 173526	RG1	Electrical Features	Infrastructure and Facilities
21	136	S	Tank	471322 173172	RG1	Tanks (Generic)	Industrial Features
22	150	SW	Lowfare Transport	471040 173169	12, Body Road, Reading, RG1 7JP	Vehicle Hire and Rental	Hire Services
23	151	NW	24k Gold Plated Ltd	471000 173494	Flat 3 Hayward, Chatham Place, Reading, RG1 7AZ	Jewellery, Gems, Clocks and Watches	Consumer Products
24	154	N	Electricity Sub Station	471092 173556	RG1	Electrical Features	Infrastructure and Facilities
25	165	S	Electricity Sub Station	471316 173141	RG1	Electrical Features	Infrastructure and Facilities
26D	166	NE	A & Z Mobiles UK Ltd	471427 173525	17, Union Street, Reading, RG1 1EU	Electrical Equipment Repair and Servicing	Repair and Servicing
27D	172	NE	Sanbei Phoneshop	471426 173538	14, Union Street, Reading, RG1 1EU	Radar and Telecommunications Equipment	Industrial Products
28	182	NE	Electricity Sub Station	471452 173514	RG1	Electrical Features	Infrastructure and Facilities
29	183	NE	Specsavers Hearcare	471468 173487	41-43, Broad Street, Reading, RG1 2AA	Disability and Mobility Equipment	Consumer Products
30	184	W	Reading Carpentry Services Ltd	470938 173416	1a, Eaton Place, Reading, RG1 7LP	General Construction Supplies	Industrial Products
31	200	E	carvalet.co.uk	471550 173342	41, Minster Street, Reading, RG1 2JB	Vehicle Cleaning Services	Personal, Consumer and Other Services
32	217	S	Electricity Sub Station	471185 173059	RG1	Electrical Features	Infrastructure and Facilities
33E	217	NE	Q V Offices	471500 173501	25-27, Queen Victoria Street, Reading, RG1 1SY	Business Parks and Industrial Estates	Industrial Features
34E	220	NE	Formscan	471503 173499	25-27, Queen Victoria Street, Reading, RG1 1SY	Printing Related Machinery	Industrial Products
35E	220	NE	Carvenient Club	471503 173499	25-27, Queen Victoria Street, Reading, RG1 1SY	Vehicle Hire and Rental	Hire Services
36	233	N	Electricity Sub Station	471286 173665	RG1	Electrical Features	Infrastructure and Facilities
37	234	W	UK Tyres & Garage	470903 173486	Eaton Place, City Centre, Reading, RG1 7LP	Vehicle Repair, Testing and Servicing	Repair and Servicing
38F	235	E	The Car Wash Co	471574 173242	Management Suite Riverside Level, The Oracle Centre, Reading, RG1 2AG	Vehicle Cleaning Services	Personal, Consumer and Other Services
39F	235	E	Boots Hearing Care	471574 173242	Unit 5 Upper Ground Level, The Oracle Centre, Reading, RG1 2AH	Disability and Mobility Equipment	Consumer Products
40	237	SW	Electricity Sub Station	470932 173179	RG1	Electrical Features	Infrastructure and Facilities

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site: 2

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

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
41	167	NW	471010 173528	Obsolete	Welldale Service Station, Chatham Street, Chatham Street, Reading, RG1 7JF	Not Applicable	Obsolete
42	477	W	470649 173457	Obsolete	Parsons Garage, 211-221, Oxford Road, Oxford Road, Reading, RG1 7PX	Not Applicable	Obsolete

4.3 National Grid High Voltage Underground Electricity Transmission Cables

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

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site: 0
Database searched and no data found.

4.4 National Grid High Pressure Gas Transmission Pipelines

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

Records of National Grid high pressure gas transmission pipelines within 500m of the study site: 0
Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

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

5.2 Superficial Ground and Drift Geology

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

Lex Code	Description	Rock Type
TPGR-XSV	TAPLOW GRAVEL MEMBER	SAND AND GRAVEL

5.3 Bedrock and Solid Geology

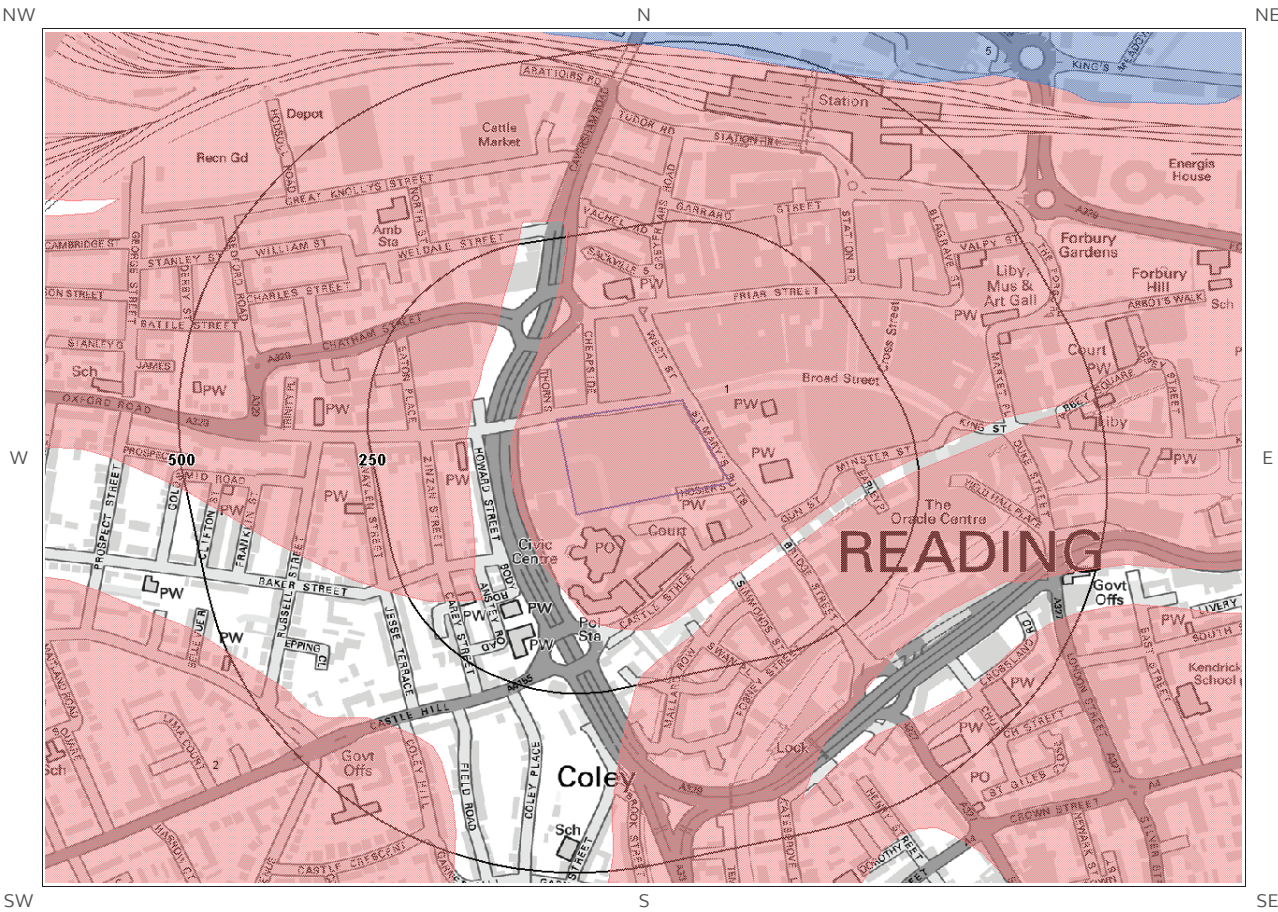
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
SNCK-CHLK	SEAFORD CHALK FORMATION AND NEWHAVEN CHALK FORMATION (UNDIFFERENTIATED)	CHALK

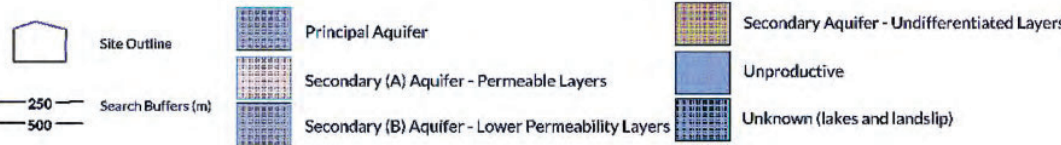
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

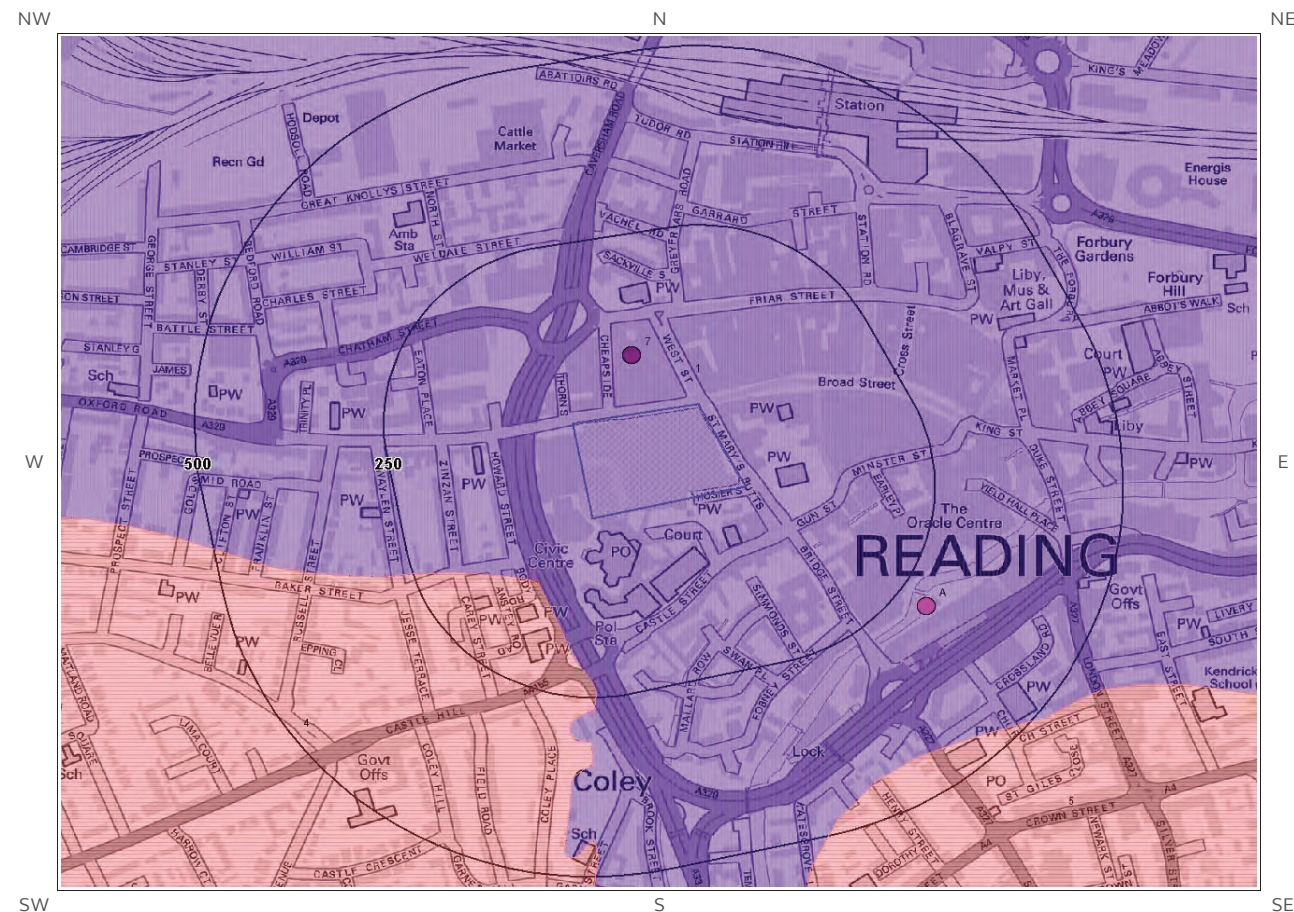
6a. Aquifer Within Superficial Geology



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6b. Aquifer Within Bedrock Geology and Abstraction Licenses



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

