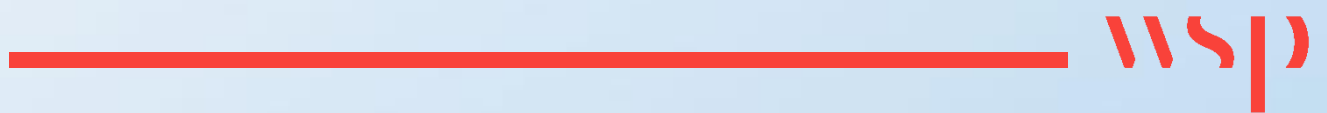


Appendix E

GROUNDSURE REPORT



124, CARDIFF ROAD, READING, RG1 8NH

Order Details

Date: 16/11/2020
Your ref: 20119027
Our Ref: GS-7281470
Client: WSP UK Ltd

Site Details

Location: 470519 174152
Area: 0.12 ha
Authority: [Reading Borough Council](#)



Summary of findings

p. 2 **Aerial image**

p. 8

OS MasterMap site plan

p.13 groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	3	5	43	66	-
19	1.2	<u>Historical tanks</u>	0	0	15	25	-
21	1.3	<u>Historical energy features</u>	0	1	7	10	-
22	1.4	Historical petrol stations	0	0	0	0	-
22	1.5	<u>Historical garages</u>	0	0	2	0	-
22	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
23	2.1	<u>Historical industrial land uses</u>	3	6	68	98	-
30	2.2	<u>Historical tanks</u>	0	0	18	44	-
32	2.3	<u>Historical energy features</u>	0	1	10	19	-
34	2.4	Historical petrol stations	0	0	0	0	-
34	2.5	<u>Historical garages</u>	0	0	3	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
35	3.1	Active or recent landfill	0	0	0	0	-
35	3.2	Historical landfill (BGS records)	0	0	0	0	-
36	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
36	3.4	<u>Historical landfill (EA/NRW records)</u>	0	0	1	1	-
36	3.5	<u>Historical waste sites</u>	1	0	0	3	-
38	3.6	<u>Licensed waste sites</u>	0	3	0	4	-
40	3.7	<u>Waste exemptions</u>	0	2	21	15	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
44	4.1	<u>Recent industrial land uses</u>	0	10	44	-	-
48	4.2	<u>Current or recent petrol stations</u>	0	0	1	1	-
48	4.3	Electricity cables	0	0	0	0	-
48	4.4	Gas pipelines	0	0	0	0	-
48	4.5	<u>Sites determined as Contaminated Land</u>	0	0	0	1	-



49	4.6	<u>Control of Major Accident Hazards (COMAH)</u>	0	0	1	0	-
49	4.7	Regulated explosive sites	0	0	0	0	-
49	4.8	<u>Hazardous substance storage/usage</u>	0	0	1	0	-
50	4.9	<u>Historical licensed industrial activities (IPC)</u>	0	0	0	3	-
50	4.10	<u>Licensed industrial activities (Part A(1))</u>	2	0	0	0	-
51	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	1	4	2	-
52	4.12	Radioactive Substance Authorisations	0	0	0	0	-
52	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	8	-
53	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
54	4.15	<u>Pollutant release to public sewer</u>	0	0	1	1	-
54	4.16	<u>List 1 Dangerous Substances</u>	0	0	0	4	-
55	4.17	<u>List 2 Dangerous Substances</u>	0	1	0	0	-
55	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	1	3	-
56	4.19	Pollution inventory substances	0	0	0	0	-
56	4.20	Pollution inventory waste transfers	0	0	0	0	-
56	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
57	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
58	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
59	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
60	5.4	<u>Groundwater vulnerability- soluble rock risk</u>	Identified (within 0m)				
60	5.5	Groundwater vulnerability- local information	None (within 0m)				
61	5.6	<u>Groundwater abstractions</u>	0	0	2	5	14
66	5.7	<u>Surface water abstractions</u>	0	0	0	0	6
68	5.8	<u>Potable abstractions</u>	0	0	0	2	4
69	5.9	Source Protection Zones	0	0	0	0	-
70	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
71	6.1	<u>Water Network (OS MasterMap)</u>	0	0	3	-	-



72	6.2	Surface water features	0	0	1	-	-
72	6.3	WFD Surface water body catchments	1	-	-	-	-
73	6.4	WFD Surface water bodies	0	0	0	-	-
73	6.5	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
74	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	Low (within 50m)				
75	7.2	Historical Flood Events	1	0	8	-	-
76	7.3	Flood Defences	0	0	0	-	-
76	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
76	7.5	Flood Storage Areas	0	0	0	-	-
77	7.6	Flood Zone 2	Identified (within 50m)				
78	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
79	8.1	Surface water flooding	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
81	9.1	Groundwater flooding	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
82	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
82	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
82	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
82	10.4	Special Protection Areas (SPA)	0	0	0	0	0
83	10.5	National Nature Reserves (NNR)	0	0	0	0	0
83	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
83	10.7	Designated Ancient Woodland	0	0	0	0	0
83	10.8	Biosphere Reserves	0	0	0	0	0
84	10.9	Forest Parks	0	0	0	0	0
84	10.10	Marine Conservation Zones	0	0	0	0	0
84	10.11	Green Belt	0	0	0	0	0
84	10.12	Proposed Ramsar sites	0	0	0	0	0



84	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
85	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
85	10.15	Nitrate Sensitive Areas	0	0	0	0	0
85	10.16	<u>Nitrate Vulnerable Zones</u>	1	0	0	0	1
86	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
87	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
88	11.1	World Heritage Sites	0	0	0	-	-
88	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
88	11.3	National Parks	0	0	0	-	-
88	11.4	Listed Buildings	0	0	0	-	-
89	11.5	Conservation Areas	0	0	0	-	-
89	11.6	Scheduled Ancient Monuments	0	0	0	-	-
89	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
90	12.1	<u>Agricultural Land Classification</u>	Grade 2 (within 250m)				
91	12.2	Open Access Land	0	0	0	-	-
91	12.3	Tree Felling Licences	0	0	0	-	-
91	12.4	Environmental Stewardship Schemes	0	0	0	-	-
91	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
93	13.1	<u>Priority Habitat Inventory</u>	0	0	3	-	-
94	13.2	Habitat Networks	0	0	0	-	-
94	13.3	Open Mosaic Habitat	0	0	0	-	-
94	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
95	14.1	<u>10k Availability</u>	Identified (within 500m)				
96	14.2	<u>Artificial and made ground (10k)</u>	0	1	1	4	-
98	14.3	<u>Superficial geology (10k)</u>	1	0	1	2	-



99	14.4	Landslip (10k)	0	0	0	0	-
100	14.5	<u>Bedrock geology (10k)</u>	1	0	0	0	-
101	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
102	15.1	<u>50k Availability</u>	Identified (within 500m)				
103	15.2	<u>Artificial and made ground (50k)</u>	0	0	0	1	-
104	15.3	Artificial ground permeability (50k)	0	0	-	-	-
105	15.4	<u>Superficial geology (50k)</u>	1	0	1	2	-
106	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
106	15.6	Landslip (50k)	0	0	0	0	-
106	15.7	Landslip permeability (50k)	None (within 50m)				
107	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
108	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
108	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
109	16.1	<u>BGS Boreholes</u>	0	0	10	-	-
Page	Section	Natural ground subsidence					
111	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
112	17.2	<u>Running sands</u>	Negligible (within 50m)				
113	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
114	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
115	17.5	<u>Landslides</u>	Very low (within 50m)				
116	17.6	<u>Ground dissolution of soluble rocks</u>	Very low (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
118	18.1	Natural cavities	0	0	0	0	-
119	18.2	<u>BritPits</u>	0	0	0	1	-
119	18.3	<u>Surface ground workings</u>	0	0	10	-	-
120	18.4	Underground workings	0	0	0	0	0
120	18.5	Historical Mineral Planning Areas	0	0	0	0	-



<u>120</u>	<u>18.6</u>	<u>Non-coal mining</u>	0	0	0	2	7
<u>121</u>	<u>18.7</u>	<u>Mining cavities</u>	0	0	0	0	1
<u>122</u>	<u>18.8</u>	<u>JPB mining areas</u>	Identified (within 0m)				
122	18.9	Coal mining	None (within 0m)				
122	18.10	Brine areas	None (within 0m)				
122	18.11	Gypsum areas	None (within 0m)				
123	18.12	Tin mining	None (within 0m)				
123	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
<u>124</u>	<u>19.1</u>	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>125</u>	<u>20.1</u>	<u>BGS Estimated Background Soil Chemistry</u>	1	1	-	-	-
125	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
125	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
126	21.1	Underground railways (London)	0	0	0	-	-
126	21.2	Underground railways (Non-London)	0	0	0	-	-
127	21.3	Railway tunnels	0	0	0	-	-
<u>127</u>	<u>21.4</u>	<u>Historical railway and tunnel features</u>	0	6	55	-	-
129	21.5	Royal Mail tunnels	0	0	0	-	-
130	21.6	Historical railways	0	0	0	-	-
<u>130</u>	<u>21.7</u>	<u>Railways</u>	0	0	47	-	-
132	21.8	Crossrail 1	0	0	0	0	-
132	21.9	Crossrail 2	0	0	0	0	-
132	21.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 29/06/2019

Site Area: 0.12ha



Recent site history - 2015 aerial photograph



Capture Date: 20/04/2015

Site Area: 0.12ha



Recent site history - 2013 aerial photograph



Capture Date: 08/07/2013

Site Area: 0.12ha



Recent site history - 2010 aerial photograph

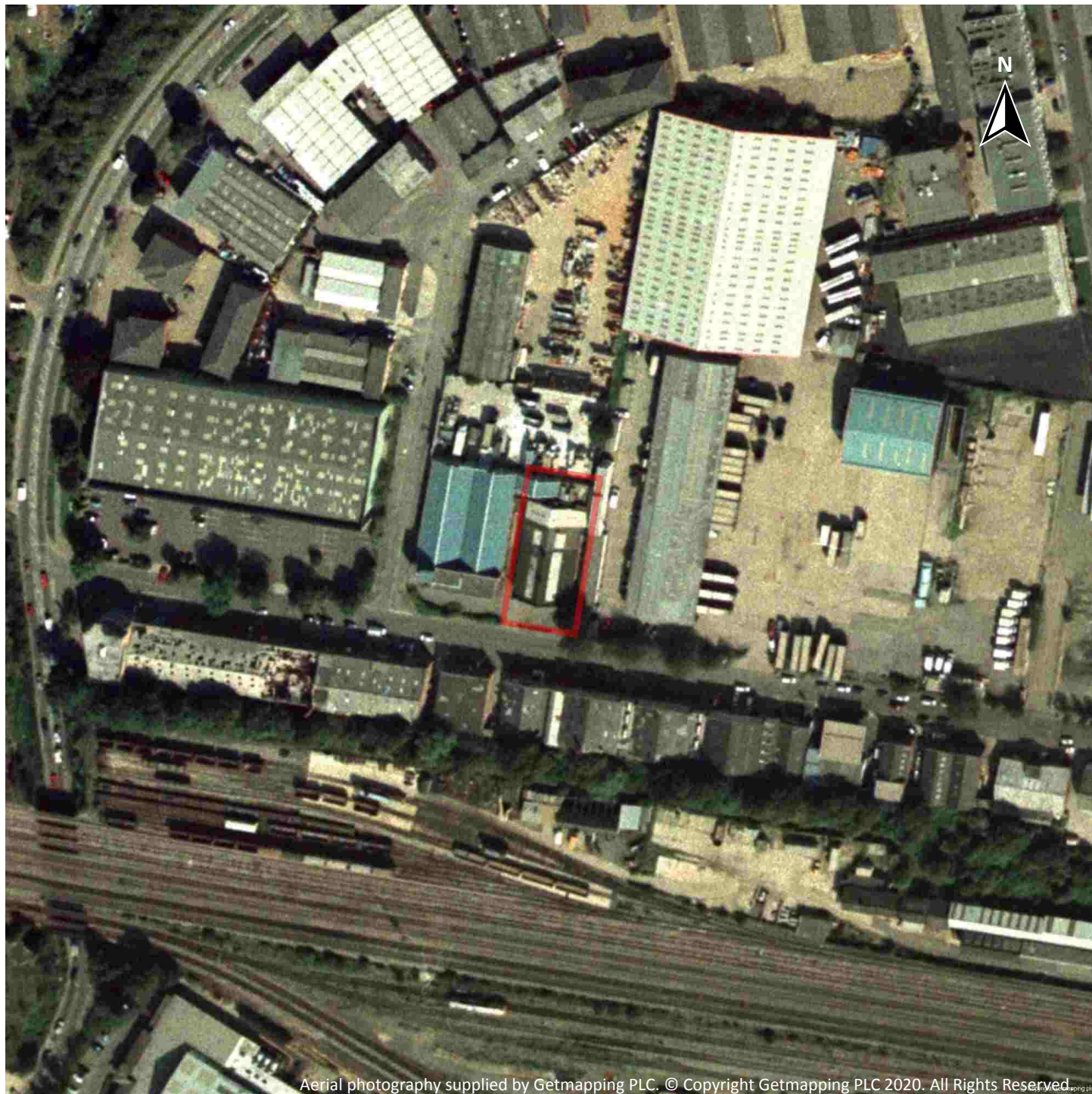


Capture Date: 22/09/2010

Site Area: 0.12ha



Recent site history - 1999 aerial photograph



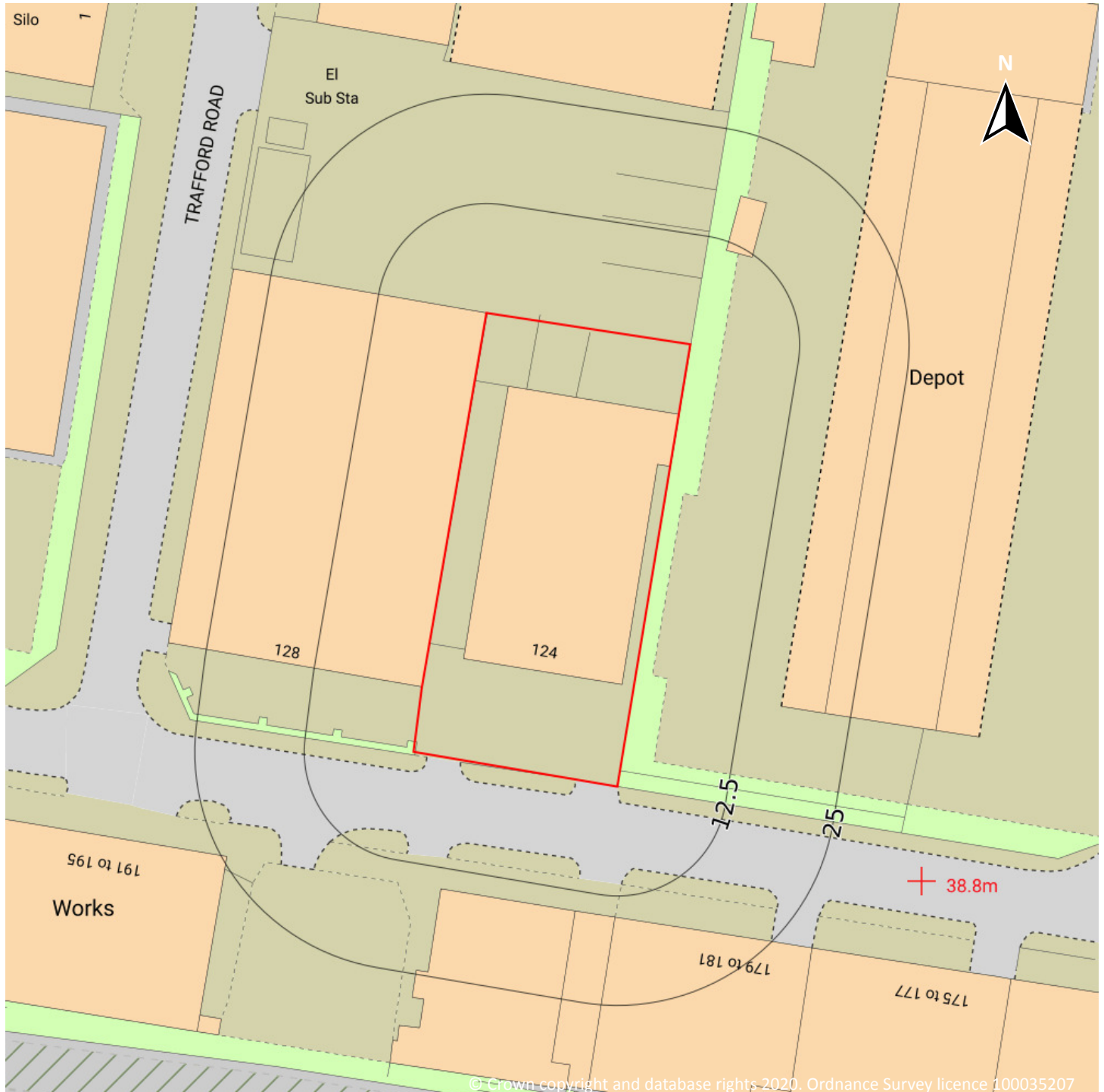
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2020. All Rights Reserved.

Capture Date: 04/09/1999

Site Area: 0.12ha



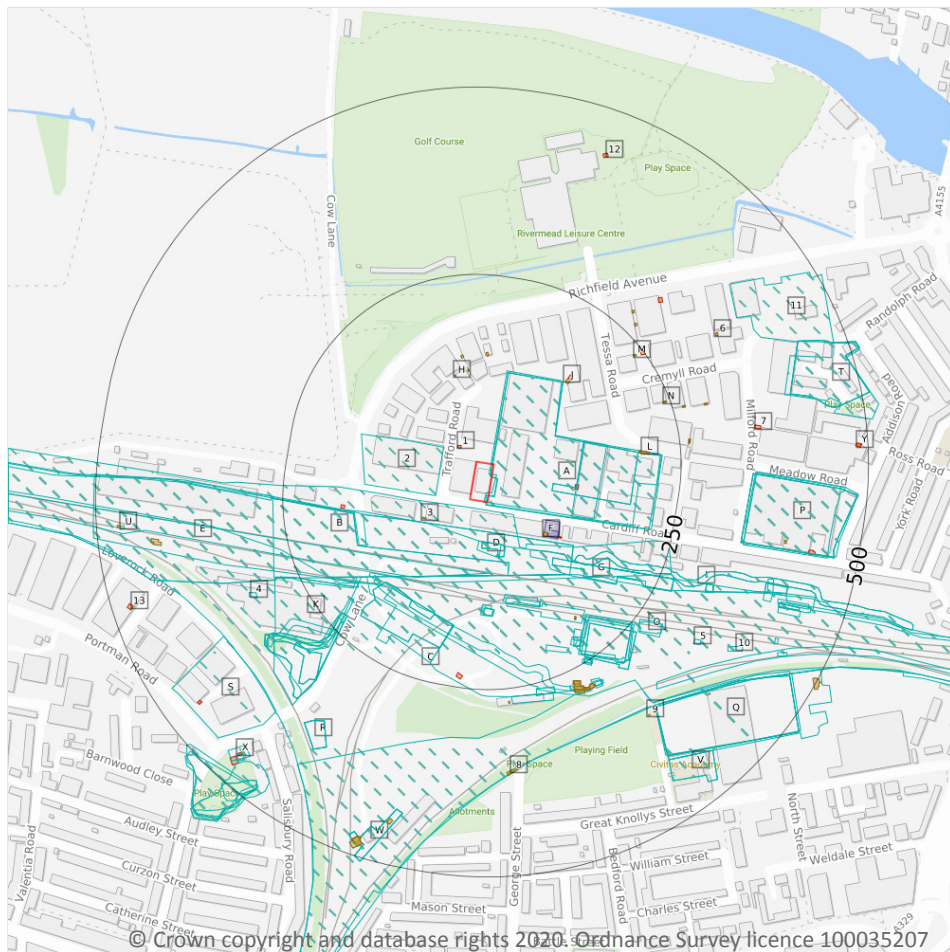
OS MasterMap site plan



Site Area: 0.12ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

117

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Depots	1989	1862395



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Depot	1977	1916817
A	On site	Unspecified Depot	1994	1945875
B	11m S	Railway Sidings	1901	1885395
C	39m S	Railway Sidings	1932 - 1977	1908472
C	39m S	Railway Sidings	1897 - 1913	1955038
2	46m W	Unspecified Works	1962	1860436
C	49m S	Railway Sidings	1989 - 1994	1913684
D	53m S	Railway Building	1962 - 1971	1930393
D	54m S	Railway Building	1989 - 1994	1907013
D	54m S	Railway Building	1977	1950165
E	77m S	Railway Sidings	1897	1923806
E	77m S	Railway Sidings	1900 - 1910	1945021
A	82m E	Unspecified Depot	1977	1925485
G	85m SE	Railway Buildings	1962 - 1971	1949673
E	93m S	Railway Sidings	1878	1884925
A	114m E	Unspecified Depot	1971	1963192
G	115m SE	Railway Buildings	1977	1895517
G	115m SE	Railway Buildings	1989 - 1994	1902562
C	125m S	Railway Building	1933 - 1962	1893230
C	130m S	Railway Building	1913	1938337
C	136m S	Railway Building	1933 - 1938	1907641
C	137m S	Railway Building	1898	1890616
I	139m SE	Unspecified Ground Workings	1938	1928064
I	139m SE	Unspecified Ground Workings	1910 - 1913	1953745
C	140m S	Railway Building	1938 - 1962	1898542
C	141m S	Railway Building	1913	1965414
C	153m SW	Refuse Heap	1913	1884301
C	153m SW	Unspecified Depot	1971	1947488



ID	Location	Land use	Dates present	Group ID
C	153m SW	Unspecified Depot	1977	1947577
C	156m SW	Unspecified Depot	1989 - 1994	1961785
K	179m SW	Railway Sidings	1938	1893424
C	199m SE	Engine Shed	1933	1891905
C	202m SE	Engine Shed	1962	1926541
C	204m SE	Engine Shed	1938	1900365
K	205m SW	Unspecified Ground Workings	1962	1931110
C	205m SE	Railway Building	1913	1919802
C	206m SE	Railway Building	1962	1866763
C	206m SE	Engine Shed	1938	1943191
C	211m SE	Engine Shed	1898	1956197
C	211m SE	Engine Shed	1913	1969097
C	212m SE	Railway Building	1938 - 1962	1966442
C	220m SE	Railway Building	1898	1927401
K	226m SW	Unspecified Pit	1971	1910137
K	226m SW	Unspecified Pit	1989 - 1994	1942057
K	226m SW	Unspecified Pit	1977	1946162
K	235m SW	Unspecified Ground Workings	1938	1942177
C	245m SE	Railway Building	1938 - 1962	1962000
C	245m SE	Railway Building	1913	1885372
C	246m SE	Railway Building	1938	1946191
K	250m SW	Unspecified Ground Workings	1913	1943984
O	256m SE	Railway Building	1933 - 1938	1951325
C	257m S	Railway Building	1977	1888896
C	257m S	Railway Building	1971	1937002
O	259m SE	Railway Building	1938 - 1962	1958832
C	261m S	Railway Building	1989 - 1994	1953742
C	268m SE	Railway Building	1962	1941975



ID	Location	Land use	Dates present	Group ID
C	271m SE	Railway Building	1913	1894317
C	274m SE	Railway Building	1977	1935042
C	278m SE	Railway Building	1938 - 1962	1953154
C	280m SE	Railway Building	1913	1937336
K	286m SW	Railway Buildings	1962 - 1971	1896328
K	286m SW	Railway Buildings	1977	1916773
4	312m SW	Railway Building	1932	1866772
I	312m E	Railway Building	1989 - 1994	1908478
I	312m E	Railway Building	1977	1960184
I	312m E	Railway Building	1962 - 1971	1968211
K	317m SW	Unspecified Pit	1910	1901899
K	317m SW	Unspecified Pit	1938	1950570
I	330m SE	Railway Sidings	1933	1905455
5	331m SE	Railway Building	1898	1866762
K	332m SW	Railway Sidings	1913	1906357
P	342m E	Unspecified Works	1989 - 1994	1889396
P	342m E	Unspecified Works	1977	1893436
P	342m E	Unspecified Works	1962 - 1971	1947482
P	346m E	Printing Works	1910	1933766
P	346m E	Printing Works	1938	1912621
Q	347m SE	Corporation Yard	1933 - 1938	1935241
Q	351m SE	Corporation Yard	1962	1909928
Q	351m SE	Corporation Yard	1989 - 1994	1939215
Q	354m SE	Corporation Yard	1938	1932614
Q	354m SE	Corporation Yard	1913	1962441
R	354m SW	Cuttings	1971	1914628
R	354m SW	Cuttings	1977	1935932
R	354m SW	Cuttings	1989 - 1994	1968630



ID	Location	Land use	Dates present	Group ID
S	371m SW	Unspecified Depot	1971	1862081
10	374m SE	Railway Building	1898	1866759
11	378m NE	Unspecified Depot	1977	1862092
I	387m E	Railway Buildings	1989 - 1994	1904963
I	387m E	Railway Buildings	1977	1955184
I	388m E	Railway Building	1933	1866771
T	399m E	Unspecified Works	1962	1925766
T	407m E	Unspecified Commercial/Industrial	1989	1874682
T	407m E	Unspecified Works	1977	1924660
T	407m E	Unspecified Works	1971	1929079
I	409m E	Railway Buildings	1933	1914298
I	412m E	Railway Buildings	1938	1910814
I	412m E	Railway Buildings	1938 - 1962	1922315
I	412m E	Railway Buildings	1913	1946716
I	413m E	Railway Buildings	1898	1919877
V	420m SE	Unspecified Works	1977	1860419
V	420m SE	Unspecified Commercial/Industrial	1989 - 1994	1907408
I	425m SE	Railway Building	1913	1866761
W	425m S	Railway Buildings	1971	1856211
W	425m S	Unspecified Depot	1989 - 1994	1913884
W	425m S	Unspecified Depot	1977	1957928
I	436m SE	Railway Building	1898	1866758
X	444m SW	Pumping Station	1989 - 1994	1933147
X	452m SW	Old Gravel Pit	1898	1927103
X	455m SW	Pumping Station	1977	1957904
U	463m W	Unspecified Tank	1878	1858267
X	471m SW	Unspecified Pit	1971	1943549
X	471m SW	Unspecified Pit	1977 - 1994	1948369



ID	Location	Land use	Dates present	Group ID
X	475m SW	Unspecified Ground Workings	1910	1852627
X	480m SW	Unspecified Pit	1938	1887248
X	481m SW	Unspecified Pit	1932	1960761
X	498m SW	Unspecified Pit	1962	1928596

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	40
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
3	64m SW	Unspecified Tank	1972	305916
F	85m SE	Unspecified Tank	1970 - 1988	325726
H	117m N	Unspecified Tank	1972	305917
H	121m N	Unspecified Tank	1988	321897
H	121m N	Unspecified Tank	1970	321633
H	139m N	Unspecified Tank	1972	305910
H	142m N	Unspecified Tank	1970 - 1988	323372
J	146m NE	Unspecified Tank	1970 - 1988	322975
C	192m SE	Unspecified Tank	1958	325389
C	192m SE	Unspecified Tank	1959	317940
L	194m E	Tanks	1988	310723
L	195m E	Unspecified Tank	1970	305912
M	236m NE	Unspecified Tank	1988	305911
N	242m E	Unspecified Tank	1988	316203



ID	Location	Land use	Dates present	Group ID
N	243m E	Unspecified Tank	1970	320579
N	261m E	Tanks	1988	310721
N	263m E	Tanks	1970	310722
N	263m E	Unspecified Tank	1970 - 1988	320752
M	263m NE	Unspecified Tank	1970 - 1988	323178
C	264m SE	Unspecified Tank	1993	305865
C	264m SE	Tanks	1959 - 1986	323854
C	264m SE	Tanks	1958	327937
C	267m S	Unspecified Tank	1993	305867
C	271m SE	Tanks	1959	318689
M	274m NE	Unspecified Tank	1970 - 1988	328327
C	275m SE	Unspecified Tank	1900	305866
C	278m SE	Tanks	1971 - 1986	316005
C	279m SE	Unspecified Tank	1912 - 1959	319576
N	292m E	Unspecified Tank	1970 - 1988	313650
6	342m NE	Unspecified Tank	1970 - 1988	321384
8	355m S	Filter Tanks	1971 - 1993	327563
9	356m SE	Tank or Trough	1879	312015
Q	390m SE	Tank or Trough	1879	312016
P	400m E	Unspecified Tank	1970	305890
U	416m W	Unspecified Tank	1913 - 1959	323219
W	439m S	Unspecified Tank	1971 - 1993	327758
U	468m W	Unspecified Tank	1881	305915
W	473m S	Tanks	1988 - 1993	317972
W	473m S	Tanks	1971	325590
I	494m SE	Tanks	1986 - 1993	326933

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

18

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
1	28m NW	Electricity Substation	1972	189860
F	106m SE	Gas Governor	1988	192906
F	107m SE	Gas Governor	1970	193209
A	112m E	Electricity Substation	1970 - 1988	202156
J	152m NE	Electricity Substation	1988	189858
B	167m W	Electricity Substation	1972	189861
C	231m S	Electricity Substation	1988 - 1993	204113
M	245m NE	Electricity Substation	1970 - 1988	205089
M	308m NE	Electricity Substation	1970 - 1988	198539
7	352m E	Electricity Substation	1970 - 1988	197518
P	433m E	Electricity Substation	1970 - 1988	208840
12	435m N	Electricity Substation	1988 - 1993	197426
S	449m SW	Electricity Substation	1988 - 1993	207047
X	453m SW	Electricity Substation	1971	189831
X	463m SW	Electricity Substation	1988 - 1993	195842
13	471m W	Electricity Substation	1971	189838
Y	484m E	Electricity Substation	1982 - 1993	200621
Y	484m E	Electricity Substation	1971 - 1984	203361

This data is sourced from Ordnance Survey / Groundsure.



1.4 Historical petrol stations

Records within 500m**0**

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m**2**

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
F	82m E	Garage	1959 - 1970	64373
F	90m SE	Garage	1959	62023

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

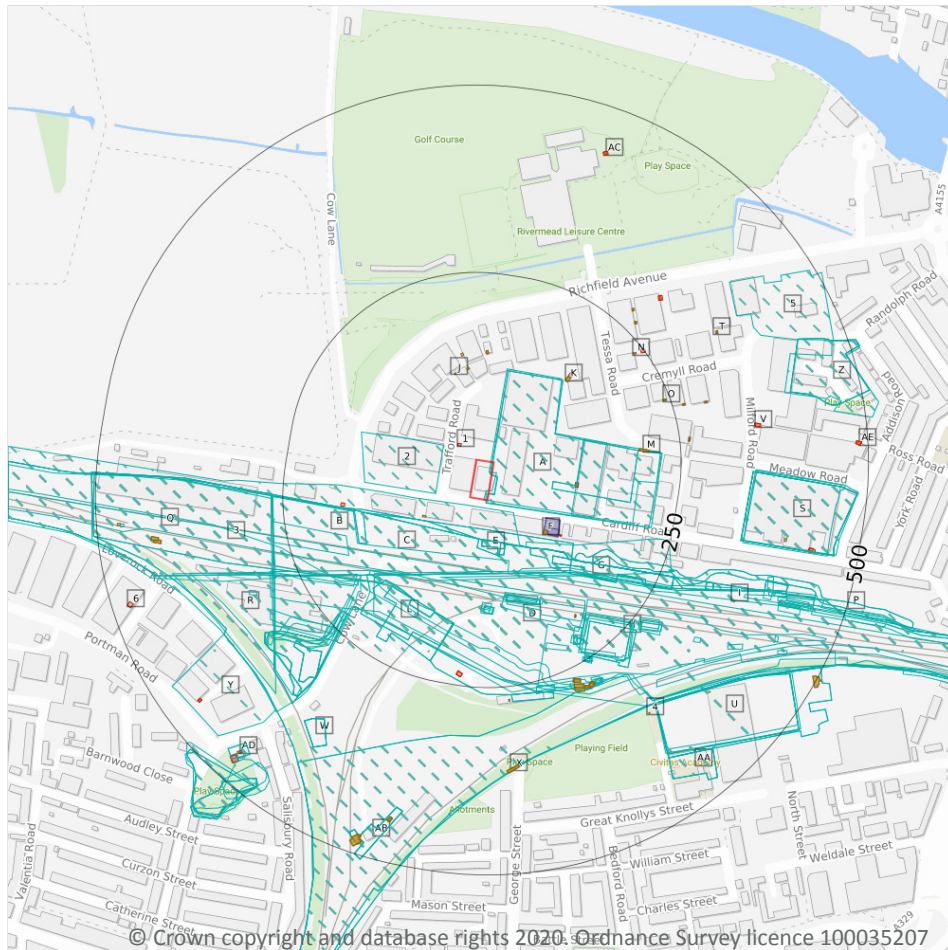
Records within 500m**0**

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

175

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Depot	1994	1945875
A	On site	Unspecified Depots	1989	1862395
A	On site	Unspecified Depot	1977	1916817



ID	Location	Land Use	Date	Group ID
B	11m S	Railway Sidings	1901	1885395
C	39m S	Railway Sidings	1938	1908472
C	39m S	Railway Sidings	1910	1955038
2	46m W	Unspecified Works	1962	1860436
D	49m S	Railway Sidings	1994	1913684
D	49m S	Railway Sidings	1989	1913684
D	52m S	Railway Sidings	1977	1908472
D	52m S	Railway Sidings	1962	1908472
D	52m S	Railway Sidings	1971	1908472
E	53m S	Railway Building	1962	1930393
E	53m S	Railway Building	1971	1930393
E	54m S	Railway Building	1994	1907013
E	54m S	Railway Building	1989	1907013
E	54m S	Railway Building	1977	1950165
B	77m S	Railway Sidings	1897	1923806
A	82m E	Unspecified Depot	1977	1925485
G	85m SE	Railway Buildings	1962	1949673
G	85m SE	Railway Buildings	1971	1949673
3	93m S	Railway Sidings	1878	1884925
D	95m S	Railway Sidings	1938	1908472
D	98m S	Railway Sidings	1938	1908472
D	98m S	Railway Sidings	1913	1955038
H	102m S	Railway Sidings	1898	1955038
I	102m SE	Railway Sidings	1933	1908472
A	114m E	Unspecified Depot	1971	1963192
G	115m SE	Railway Buildings	1994	1902562
G	115m SE	Railway Buildings	1989	1902562
G	115m SE	Railway Buildings	1977	1895517



ID	Location	Land Use	Date	Group ID
D	118m S	Railway Sidings	1933	1908472
D	125m S	Railway Building	1933	1893230
D	128m S	Railway Building	1962	1893230
D	129m S	Railway Building	1938	1893230
D	130m S	Railway Building	1913	1938337
D	130m S	Railway Building	1938	1893230
D	136m S	Railway Building	1933	1907641
D	137m S	Railway Building	1898	1890616
G	139m SE	Unspecified Ground Workings	1938	1928064
G	139m SE	Unspecified Ground Workings	1910	1953745
D	140m S	Railway Building	1938	1898542
D	141m S	Railway Building	1913	1965414
D	141m S	Railway Building	1938	1907641
D	142m S	Railway Building	1962	1898542
D	153m SW	Refuse Heap	1913	1884301
L	153m SW	Unspecified Depot	1977	1947577
L	153m SW	Unspecified Depot	1971	1947488
L	156m SW	Unspecified Depot	1994	1961785
L	156m SW	Unspecified Depot	1989	1961785
B	173m W	Railway Sidings	1900	1945021
B	179m SW	Railway Sidings	1938	1893424
B	180m SW	Railway Sidings	1938	1908472
B	182m SW	Railway Sidings	1913	1955038
B	187m SW	Railway Sidings	1900	1945021
D	199m SE	Engine Shed	1933	1891905
D	202m SE	Engine Shed	1962	1926541
D	204m SE	Engine Shed	1938	1900365
B	205m SW	Unspecified Ground Workings	1962	1931110

ID	Location	Land Use	Date	Group ID
D	205m SE	Railway Building	1913	1919802
D	206m SE	Engine Shed	1938	1943191
D	206m SE	Railway Building	1962	1866763
D	211m SE	Engine Shed	1913	1969097
D	211m SE	Engine Shed	1898	1956197
D	212m SE	Railway Building	1962	1966442
D	215m SE	Railway Building	1938	1966442
D	220m SE	Railway Building	1898	1927401
B	226m SW	Unspecified Pit	1994	1942057
B	226m SW	Unspecified Pit	1989	1942057
B	226m SW	Unspecified Pit	1977	1946162
B	226m SW	Unspecified Pit	1971	1910137
B	235m SW	Unspecified Ground Workings	1938	1942177
D	245m SE	Railway Building	1962	1962000
D	245m SE	Railway Building	1913	1885372
D	246m SE	Railway Building	1938	1946191
D	247m SE	Railway Building	1938	1962000
B	250m SW	Unspecified Ground Workings	1913	1943984
B	255m SW	Railway Sidings	1933	1908472
D	256m SE	Railway Building	1933	1951325
D	257m S	Railway Building	1977	1888896
D	257m S	Railway Building	1971	1937002
D	259m SE	Railway Building	1962	1958832
P	260m E	Unspecified Ground Workings	1938	1928064
P	260m E	Unspecified Ground Workings	1913	1953745
D	261m S	Railway Building	1994	1953742
D	261m S	Railway Building	1989	1953742
D	261m SE	Railway Building	1938	1958832



ID	Location	Land Use	Date	Group ID
D	263m SE	Railway Building	1938	1951325
Q	264m W	Railway Sidings	1938	1908472
Q	264m W	Railway Sidings	1932	1908472
Q	264m W	Railway Sidings	1910	1945021
Q	265m W	Railway Sidings	1900	1945021
D	268m SE	Railway Building	1962	1941975
D	271m SE	Railway Building	1913	1894317
D	274m SE	Railway Building	1977	1935042
D	278m SE	Railway Building	1962	1953154
D	279m SE	Railway Building	1938	1953154
D	280m SE	Railway Building	1913	1937336
R	280m W	Railway Sidings	1932	1908472
R	281m W	Railway Sidings	1938	1908472
B	286m SW	Railway Buildings	1977	1916773
B	286m SW	Railway Buildings	1962	1896328
B	286m SW	Railway Buildings	1971	1896328
I	312m E	Railway Building	1994	1908478
I	312m E	Railway Building	1989	1908478
I	312m E	Railway Building	1977	1960184
R	312m SW	Railway Building	1932	1866772
I	312m E	Railway Building	1962	1968211
I	312m E	Railway Building	1971	1968211
B	317m SW	Unspecified Pit	1938	1950570
B	317m SW	Unspecified Pit	1910	1901899
P	330m SE	Railway Sidings	1933	1905455
H	331m SE	Railway Building	1898	1866762
B	332m SW	Railway Sidings	1938	1908472
B	332m SW	Railway Sidings	1913	1906357



ID	Location	Land Use	Date	Group ID
B	332m SW	Railway Sidings	1938	1908472
S	342m E	Unspecified Works	1994	1889396
S	342m E	Unspecified Works	1989	1889396
S	342m E	Unspecified Works	1977	1893436
S	342m E	Unspecified Works	1962	1947482
S	342m E	Unspecified Works	1971	1947482
S	346m E	Printing Works	1910	1933766
S	346m E	Printing Works	1938	1912621
U	347m SE	Corporation Yard	1933	1935241
U	351m SE	Corporation Yard	1994	1939215
U	351m SE	Corporation Yard	1989	1939215
U	351m SE	Corporation Yard	1962	1909928
U	352m SE	Corporation Yard	1938	1935241
U	354m SE	Corporation Yard	1938	1932614
U	354m SE	Corporation Yard	1913	1962441
W	354m SW	Cuttings	1994	1968630
W	354m SW	Cuttings	1989	1968630
W	354m SW	Cuttings	1977	1935932
W	354m SW	Cuttings	1971	1914628
Y	371m SW	Unspecified Depot	1971	1862081
H	374m SE	Railway Building	1898	1866759
5	378m NE	Unspecified Depot	1977	1862092
P	387m E	Railway Buildings	1994	1904963
P	387m E	Railway Buildings	1989	1904963
P	387m E	Railway Buildings	1977	1955184
P	388m E	Railway Building	1933	1866771
Z	399m E	Unspecified Works	1962	1925766
Z	407m E	Unspecified Commercial/Industrial	1989	1874682



ID	Location	Land Use	Date	Group ID
Z	407m E	Unspecified Works	1977	1924660
Z	407m E	Unspecified Works	1971	1929079
P	409m E	Railway Buildings	1933	1914298
P	412m E	Railway Buildings	1913	1946716
P	412m E	Railway Buildings	1938	1910814
P	412m E	Railway Buildings	1962	1922315
P	413m E	Railway Buildings	1898	1919877
P	413m E	Railway Buildings	1938	1922315
AA	420m SE	Unspecified Commercial/Industrial	1994	1907408
AA	420m SE	Unspecified Commercial/Industrial	1989	1907408
AA	420m SE	Unspecified Works	1977	1860419
P	425m SE	Railway Building	1913	1866761
AB	425m S	Unspecified Depot	1994	1913884
AB	425m S	Unspecified Depot	1989	1913884
AB	425m S	Unspecified Depot	1977	1957928
AB	425m S	Railway Buildings	1971	1856211
P	436m SE	Railway Building	1898	1866758
AD	444m SW	Pumping Station	1994	1933147
AD	444m SW	Pumping Station	1989	1933147
AD	452m SW	Old Gravel Pit	1898	1927103
AD	455m SW	Pumping Station	1977	1957904
AD	456m SW	Old Gravel Pit	1898	1927103
Q	463m W	Unspecified Tank	1878	1858267
AD	471m SW	Unspecified Pit	1994	1948369
AD	471m SW	Unspecified Pit	1989	1948369
AD	471m SW	Unspecified Pit	1977	1948369
AD	471m SW	Unspecified Pit	1971	1943549
AD	475m SW	Unspecified Ground Workings	1910	1852627



ID	Location	Land Use	Date	Group ID
AD	480m SW	Unspecified Pit	1938	1887248
AD	481m SW	Unspecified Pit	1932	1960761
AD	481m SW	Unspecified Pit	1932	1960761
AD	498m SW	Unspecified Pit	1962	1928596

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	62
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
C	64m SW	Unspecified Tank	1972	305916
F	85m SE	Unspecified Tank	1988	325726
F	85m SE	Unspecified Tank	1970	325726
J	117m N	Unspecified Tank	1972	305917
J	121m N	Unspecified Tank	1988	321897
J	121m N	Unspecified Tank	1970	321633
J	139m N	Unspecified Tank	1972	305910
J	142m N	Unspecified Tank	1970	323372
J	142m N	Unspecified Tank	1988	323372
K	146m NE	Unspecified Tank	1988	322975
K	146m NE	Unspecified Tank	1970	322975
D	192m SE	Unspecified Tank	1958	325389
D	192m SE	Unspecified Tank	1959	317940
M	194m E	Tanks	1988	310723
M	195m E	Unspecified Tank	1970	305912
N	236m NE	Unspecified Tank	1988	305911



ID	Location	Land Use	Date	Group ID
O	242m E	Unspecified Tank	1988	316203
O	243m E	Unspecified Tank	1970	320579
O	261m E	Tanks	1988	310721
O	263m E	Tanks	1970	310722
O	263m E	Unspecified Tank	1988	320752
N	263m NE	Unspecified Tank	1988	323178
O	264m E	Unspecified Tank	1970	320752
D	264m SE	Tanks	1986	323854
D	264m SE	Unspecified Tank	1993	305865
D	264m SE	Tanks	1958	327937
N	265m NE	Unspecified Tank	1970	323178
D	265m SE	Tanks	1959	323854
D	267m S	Unspecified Tank	1993	305867
D	271m SE	Tanks	1959	318689
N	274m NE	Unspecified Tank	1988	328327
N	275m NE	Unspecified Tank	1970	328327
D	275m SE	Unspecified Tank	1900	305866
D	278m SE	Tanks	1986	316005
D	279m SE	Unspecified Tank	1958	319576
D	279m SE	Unspecified Tank	1959	319576
D	279m SE	Tanks	1971	316005
D	280m SE	Unspecified Tank	1912	319576
D	280m SE	Unspecified Tank	1931	319576
O	292m E	Unspecified Tank	1988	313650
O	293m E	Unspecified Tank	1970	313650
T	342m NE	Unspecified Tank	1988	321384
T	344m NE	Unspecified Tank	1970	321384
X	355m S	Filter Tanks	1986	327563



ID	Location	Land Use	Date	Group ID
X	355m S	Filter Tanks	1993	327563
4	356m SE	Tank or Trough	1879	312015
X	356m S	Filter Tanks	1971	327563
U	390m SE	Tank or Trough	1879	312016
S	400m E	Unspecified Tank	1970	305890
Q	416m W	Unspecified Tank	1913	323219
Q	417m W	Unspecified Tank	1936	323219
Q	419m W	Unspecified Tank	1959	323219
Q	419m W	Unspecified Tank	1959	323219
AB	439m S	Unspecified Tank	1971	327758
AB	439m S	Unspecified Tank	1988	327758
AB	439m S	Unspecified Tank	1993	327758
Q	468m W	Unspecified Tank	1881	305915
AB	473m S	Tanks	1993	317972
AB	473m S	Tanks	1971	325590
AB	474m S	Tanks	1988	317972
P	494m SE	Tanks	1986	326933
P	494m SE	Tanks	1993	326933

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

30

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
1	28m NW	Electricity Substation	1972	189860
F	106m SE	Gas Governor	1988	192906



ID	Location	Land Use	Date	Group ID
F	107m SE	Gas Governor	1970	193209
A	112m E	Electricity Substation	1988	202156
A	113m E	Electricity Substation	1970	202156
K	152m NE	Electricity Substation	1988	189858
B	167m W	Electricity Substation	1972	189861
D	231m S	Electricity Substation	1988	204113
D	231m S	Electricity Substation	1993	204113
N	245m NE	Electricity Substation	1988	205089
N	247m NE	Electricity Substation	1970	205089
N	308m NE	Electricity Substation	1988	198539
N	310m NE	Electricity Substation	1970	198539
V	352m E	Electricity Substation	1988	197518
V	353m E	Electricity Substation	1970	197518
S	433m E	Electricity Substation	1988	208840
S	434m E	Electricity Substation	1970	208840
AC	435m N	Electricity Substation	1988	197426
AC	436m N	Electricity Substation	1993	197426
Y	449m SW	Electricity Substation	1993	207047
Y	449m SW	Electricity Substation	1988	207047
AD	453m SW	Electricity Substation	1971	189831
AD	463m SW	Electricity Substation	1988	195842
AD	464m SW	Electricity Substation	1993	195842
6	471m W	Electricity Substation	1971	189838
AE	484m E	Electricity Substation	1993	200621
AE	484m E	Electricity Substation	1982	200621
AE	484m E	Electricity Substation	1984	200621
AE	484m E	Electricity Substation	1971	203361
AE	484m E	Electricity Substation	1984	203361

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m**0**

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m**3**

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

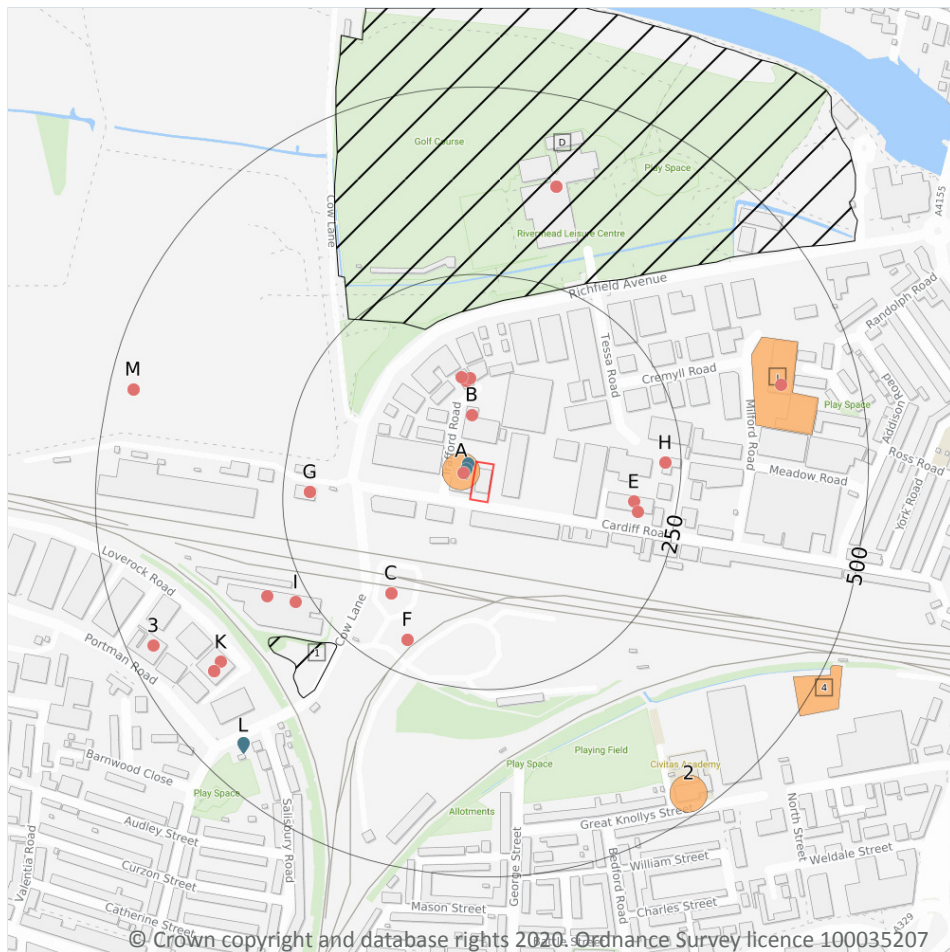
Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
F	82m E	Garage	1959	64373
F	82m E	Garage	1970	64373
F	90m SE	Garage	1959	62023

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m

2

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on **page 35**

ID	Location	Details		
D	189m N	Site Address: Richfield Avenue, Reading, Berkshire Licence Holder Address: -	Waste Licence: - Site Reference: RDG11, TP0122 Waste Type: Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1970 Last Recorded: 31/12/1979
1	264m SW	Site Address: Cow Lane, Reading, Berkshire Licence Holder Address: -	Waste Licence: - Site Reference: TP0340, RDG4 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1950 Last Recorded: 31/12/1959

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m

4

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 35**

ID	Location	Address	Further Details	Date
A	On site	Site Address: 128-130 Cardiff Road, READING, Berkshire, RG1 8PQ	Type of Site: Waste Transfer Building Planning application reference: 01/316/FUL Description: Scheme comprises construction of a new steel-framed prefabricated building of 375 sqm, to form waste transfer, sorting and recycling centre. Associated works include landscaping, site services, infrastructure and access. Construction - Goosewing grey stic-coated profiled steel cladding, internal partitions walls; insitu concrete floor; Goosewing grey plastic-coated profiled steel cladding roof; aluminium framed, double glazed, rooflight windows; industrial doors (unspecified), timber doors; pad found ations; steel frame; bathroom fittings. An application (ref: 01/316/FUL) for Detailed Planning permission was submitted to Reading Borough Council, no committee date as yet. Contract details to be advised. A building programme remains to be advised. Deta iled plans submitted, no committee date as yet. Data source: Historic Planning Application Data Type: Point	-
J	353m E	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1969
2	447m SE	Site Address: Great Knollys Street, Hodsoll Road, READING, Berkshire, RG1 7HP	Type of Site: Surface Car Park/Waste Station Planning application reference: 96/0097/R3/NJP Description: 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	01/09/1996
4	469m SE	Site Address: N/A	Type of Site: Refuse Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1879

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.



3.6 Licensed waste sites

Records within 500m

7

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 35**

ID	Location	Details		
A	10m W	Site Name: M Collard Waste Management Services Ltd Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Correspondence Address: -	Type of Site: 75kte HCl 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	Issue Date: 11/02/2010 Effective Date: - Modified:: 09/07/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	10m W	Site Name: R Collard Limited Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Correspondence Address: -	Type of Site: 75kte HCl Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RCO001 EPR reference: EA/EPR/EB3500KB/V002 Operator: R Collard Limited Waste Management licence No: 101199 Annual Tonnage: 74999	Issue Date: 11/02/2010 Effective Date: 11/10/2016 Modified:: 16/10/2018 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	12m W	Site Name: M Collard Waste Management Services Ltd Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Correspondence Address: -	Type of Site: 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	Issue Date: 11/02/2010 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
L	447m SW	Site Name: Simsmetal U K Limited Site Address: Elliot Metal Company Ltd, 3, Loverock Road, Battle Farm Indus Est, Reading, RG3 1NL Correspondence Address: 4, The Uplands, Nailsea, Somerset, BS48 4RR	Type of Site: 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	Issue Date: 06/04/1993 Effective Date: 27/04/2002 Modified:: 26/04/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
L	447m SW	Site Name: Sims Group U K Ltd Site Address: Elliot Metal Company Ltd, 3, Loverock Road, Battle Farm Indus Est, Reading, Berkshire, RG3 1NL Correspondence Address: -	Type of Site: 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	Issue Date: 06/04/1993 Effective Date: 27/04/2002 Modified:: 20/04/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
L	447m SW	Site Name: Sims Group U K Ltd Site Address: Elliot Metal Company Ltd, 3, Loverock Road, Battle Farm Indus Est, Reading, Berkshire, RG3 1NL Correspondence Address: -	Type of Site: 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	Issue Date: 06/04/1993 Effective Date: 27/04/2002 Modified:: 27/08/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
L	447m SW	Site Name: Parsons Metal Recycling Limited Site Address: Elliot Metal Company Ltd, 3, Loverock Road, Battle Farm Indus Est, Reading, Berkshire, RG3 1NL Correspondence Address: -	Type of Site: 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	Issue Date: 06/04/1993 Effective Date: 26/06/2015 Modified:: 27/08/2014 Surrendered Date: Mar 8 2016 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered



This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	38
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Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 35**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	15m W	128, CARDIFF ROAD, READING, RG1 8PQ	WEX222802	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	15m W	128, CARDIFF ROAD, READING, RG1 8PQ	WEX071813	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	62m N	8 Trafford Road READING RG1 8JP	EPR/PF0932M H/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
B	108m N	4 Trafford Road, Reading, Berks, RG1 8JS	EA/EPR/VP395 3VM/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
B	111m N	4 Trafford Road Reading RG1 8JS	EA/EPR/VP374 3LZ/A001	Treating waste exemption	Non-Agricultural Waste Only	Repair or refurbishment of WEEE
B	114m N	4, Trafford Road, Reading, Berks, RG1 8JS	EA/EPR/VP384 9KS/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
C	165m SW	Jackson Civil Engineering, Cow Lane, Reading, RG1 8NA	WEX160100	Using waste exemption	Not on a Farm	Use of waste in construction
C	165m SW	Jackson Civil Engineering, Cow Lane, Reading, RG1 8NA	WEX160100	Using waste exemption	Not on a Farm	Use of waste for a specified purpose
C	165m SW	Jackson Civil Engineering, Cow Lane, Reading, RG1 8NA	WEX160100	Using waste exemption	Not on a Farm	Use of mulch
C	165m SW	Jackson Civil Engineering, Cow Lane, Reading, RG1 8NA	WEX160100	Treating waste exemption	Not on a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	165m SW	Jackson Civil Engineering, Cow Lane, Reading, RG1 8NA	WEX160100	Using waste exemption	Not on a Farm	Spreading of plant matter to confer benefit



ID	Location	Site	Reference	Category	Sub-Category	Description
C	165m SW	Jackson Civil Engineering, Cow Lane, Reading, RG1 8NA	WEX160100	Treating waste exemption	Not on a Farm	Treatment of waste aerosol cans
E	192m E	BARRETT COURT, 4, 70, CARDIFF ROAD, READING, RG1 8ED	WEX014987	Treating waste exemption	Not on a farm	Manual treatment of waste
E	199m E	70 4 Barret Court Cardiff Road Reading RG1 8ES	EPR/EH0110Q T/A001	Treating waste exemption	Non- Agricultural Waste Only	Manual treatment of waste
F	206m SW	First Great Western Reading Train Care Depot Reading RG1 8NA	EPR/SE5959Q C/A001	Treating waste exemption	Non- Agricultural Waste Only	Sorting mixed waste
F	206m SW	First Great Western Reading Train Care Depot Reading RG1 8NA	EPR/SE5959Q C/A001	Treating waste exemption	Non- Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
G	214m W	ADMINISTRATION OFFICE, 101, COW LANE, READING, RG1 8FN	WEX193534	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
G	214m W	ADMINISTRATION OFFICE, 101, COW LANE, READING, RG1 8FN	WEX193534	Treating waste exemption	Not on a farm	Recovery of scrap metal
G	214m W	ADMINISTRATION OFFICE, 101, COW LANE, READING, RG1 8FN	WEX193534	Treating waste exemption	Not on a farm	Sorting mixed waste
G	214m W	ADMINISTRATION OFFICE, 101, COW LANE, READING, RG1 8FN	WEX193534	Treating waste exemption	Not on a farm	Crushing and emptying waste vehicle oil filters
G	214m W	ADMINISTRATION OFFICE, 101, COW LANE, READING, RG1 8FN	WEX193534	Treating waste exemption	Not on a farm	Treatment of waste aerosol cans
H	228m E	UNIT 2, NORTHBROOK INDUSTRIAL ESTATE, VINCENT AVENUE, SOUTHAMPTON, SO16 6PB	WEX094332	Storing waste exemption	Not on a farm	Storage of waste in secure containers
H	228m E	UNIT 2, NORTHBROOK INDUSTRIAL ESTATE, VINCENT AVENUE, SOUTHAMPTON, SO16 6PB	WEX094332	Storing waste exemption	Not on a farm	Storage of waste in a secure place
I	271m SW	Key House, Cow Lane, Reading, Berkshire, RG1 8NA	EA/EPR/VP378 6BZ/A001	Treating waste exemption	Non- Agricultural Waste Only	Repair or refurbishment of WEEE



ID	Location	Site	Reference	Category	Sub-Category	Description
I	301m SW	Key House, Cow Lane, Reading, Berkshire, RG1 8NA	EA/EPR/VP394 0BB/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	379m N	RIVERMEAD LEISURE COMPLEX, RICHFIELD AVENUE, READING, RG1 8EQ	WEX226802	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
D	379m N	RIVERMEAD LEISURE COMPLEX, RICHFIELD AVENUE, READING, RG1 8EQ	WEX226802	Disposing of waste exemption	Not on a farm	Disposal by incineration
D	379m N	RIVERMEAD LEISURE COMPLEX, RICHFIELD AVENUE, READING, RG1 8EQ	WEX226802	Disposing of waste exemption	Not on a farm	Burning waste in the open
D	379m N	RIVERMEAD LEISURE COMPLEX, RICHFIELD AVENUE, READING, RG1 8EQ	WEX079806	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
D	379m N	RIVERMEAD LEISURE COMPLEX, RICHFIELD AVENUE, READING, RG1 8EQ	WEX079806	Disposing of waste exemption	Not on a farm	Disposal by incineration
D	379m N	RIVERMEAD LEISURE COMPLEX, RICHFIELD AVENUE, READING, RG1 8EQ	WEX079806	Disposing of waste exemption	Not on a farm	Burning waste in the open
J	397m E	WF Senate 54 Milford Road Reading Berks RG1 8LJ	EPR/WF0237R A/A001	Treating waste exemption	Non- Agricultural Waste Only	Crushing waste fluorescent tubes
K	398m SW	Unit 5, 60 Loverock Road Industrial Estate, Reading, RG30 1DZ	WEX224781	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
K	412m SW	Parsons Metal Recycling Limited 3 Loverock Road Reading RG30 1NL	EPR/ME5244F A/A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in a secure place
K	412m SW	Parsons Metal Recycling Limited 3 Loverock Road Reading RG30 1NL	EPR/ME5244F A/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Recovery of scrap metal

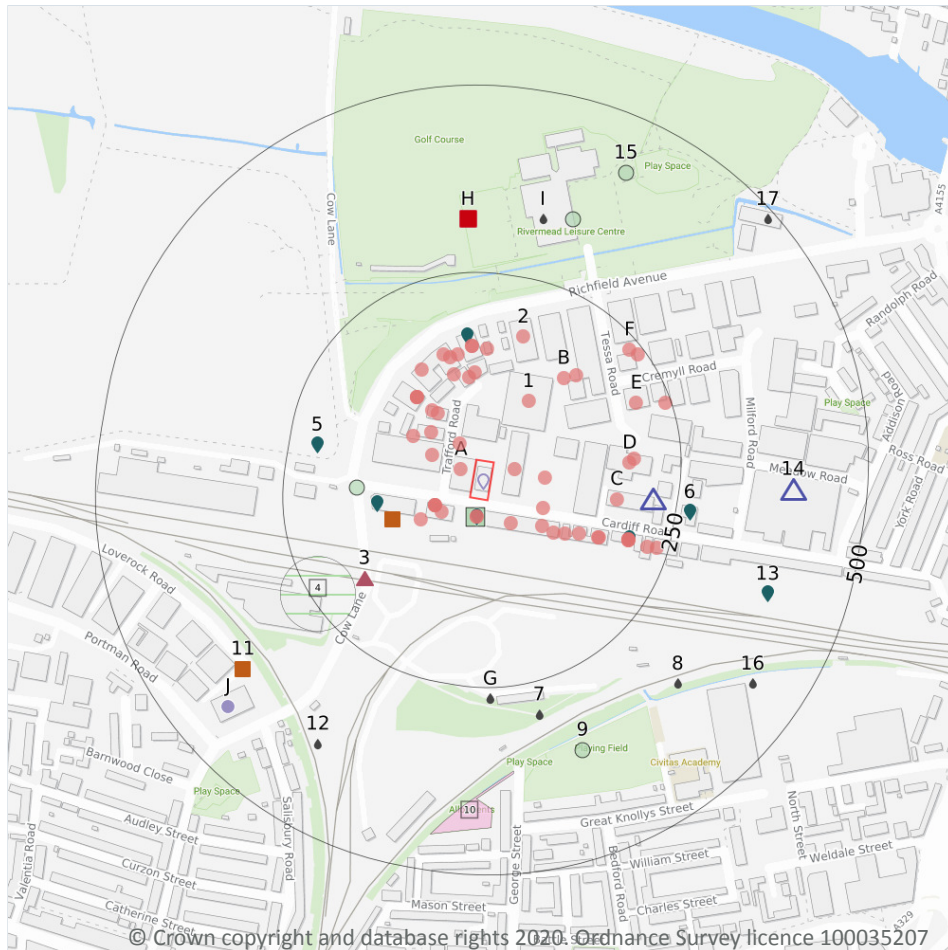


ID	Location	Site	Reference	Category	Sub-Category	Description
3	466m SW	Access Self Storage, 62 Portman Road, Reading, RG30 1EA	WEX222496	Storing waste exemption	Not on a farm	Storage of waste in a secure place
M	468m W	Little Johns Farm Little Johns Lane READING RG30 1LQ	EPR/BE5559W W/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
M	468m W	Little Johns Farm Little Johns Lane READING RG30 1LQ	EPR/BE5559W W/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Sites determined as Contaminated Land
- Control of Major Accident Hazards
- ▲ Hazardous substance storage/usage
- Historical licensed industrial activities
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollutant release to public sewer
- List 1 Dangerous Substances
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

54

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Company	Address	Activity	Category
A	18m W	R Collard Waste Management Services Ltd	128, Cardiff Road, Reading, Berkshire, RG1 8PQ	Waste Storage, Processing and Disposal	Infrastructure and Facilities
A	25m S	Unimet Enamellers	181-183, Cardiff Road, Reading, Berkshire, RG1 8HD	Industrial Coatings and Finishings	Industrial Products



ID	Location	Company	Address	Activity	Category
A	25m S	C R Services Ltd	181-183, Cardiff Road, Reading, Berkshire, RG1 8HD	New Vehicles	Motoring
A	29m E	Depot	Berkshire, RG1	Container and Storage	Transport, Storage and Delivery
A	31m NW	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
A	43m SW	Works	Berkshire, RG1	Unspecified Works Or Factories	Industrial Features
A	44m SE	Metal-pro	177, Cardiff Road, Reading, Berkshire, RG1 8HD	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
A	48m W	Adams Auto	193-195, Cardiff Road, Reading, Berkshire, RG1 8HS	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	49m W	Chiltern Auto Repair Services Ltd	191, Cardiff Road, Reading, Berkshire, RG1 8HS	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	49m W	Fast Track Auto Services	193-195, Cardiff Road, Reading, Berkshire, RG1 8HS	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	59m W	T P Link UK	142-144, Cardiff Road, Reading, Berkshire, RG1 8EW	Electronic Equipment	Industrial Products
A	71m E	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
A	71m NW	Works	Berkshire, RG1	Unspecified Works Or Factories	Industrial Features
A	73m SW	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
A	74m E	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
A	81m SE	J C Cleaning Products	169, Cardiff Road, Reading, Berkshire, RG1 8HD	Cleaning Equipment and Supplies	Industrial Products
A	81m NW	Works	Berkshire, RG1	Unspecified Works Or Factories	Industrial Features
A	88m NW	Precision Aircraft Ltd	3, Trafford Road, Reading, Berkshire, RG1 8JP	Aeroplanes	Industrial Products
A	90m W	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
1	94m NE	Warehouse	Berkshire, RG1	Container and Storage	Transport, Storage and Delivery



ID	Location	Company	Address	Activity	Category
A	98m SE	P L Auto Services	165-167, Cardiff Road, Reading, Berkshire, RG1 8HD	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	111m N	Valentine	4, Trafford Road, Reading, Berkshire, RG1 8JS	Catering and Non Specific Food Products	Foodstuffs
A	113m SE	Warehouse	Berkshire, RG1	Container and Storage	Transport, Storage and Delivery
A	116m NW	Brandon Hire	4, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Construction and Tool Hire	Hire Services
A	116m NW	Hire Station	4, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Construction and Tool Hire	Hire Services
A	116m NW	Phoenix Survey & Safety Equipment Hire	4, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Special Purpose Machinery and Equipment	Industrial Products
A	117m N	Water Scientific	9, Trafford Road, Reading, Berkshire, RG1 8JP	Civil Engineers	Engineering Services
A	118m N	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
A	131m E	Hills Rubber Co 2018 Ltd	161-163, Cardiff Road, Reading, Berkshire, RG1 8HD	Rubber, Silicones and Plastics	Industrial Products
A	141m NW	Depot	Berkshire, RG1	Container and Storage	Transport, Storage and Delivery
A	142m N	Indespensio n Ltd	8, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Lifting and Handling Equipment	Industrial Products
A	143m N	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
B	146m NE	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
A	148m N	Depot	Berkshire, RG1	Container and Storage	Transport, Storage and Delivery
A	149m N	Grosvenor BMW Specialists	Richfield Place 12, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	152m N	A A Valet	10, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Vehicle Cleaning Services	Personal, Consumer and Other Services
A	152m N	Grosvenor Motor Company Ltd	10, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
A	156m E	Adenville Ltd	157, Cardiff Road, Reading, Berkshire, RG1 8JR	Industrial Coatings and Finishings	Industrial Products
A	157m E	N R Engineering Ltd	159, Cardiff Road, Reading, Berkshire, RG1 8JR	Precision Engineers	Engineering Services
B	161m NE	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
C	170m E	Direct Distribution Services	2 Barrett Court 70, Cardiff Road, Reading, Berkshire, RG1 8ED	Distribution and Haulage	Transport, Storage and Delivery
2	172m N	Home Deco	14, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Curtains and Blinds	Consumer Products
D	181m E	Depot	Berkshire, RG1	Container and Storage	Transport, Storage and Delivery
D	188m E	Goodman Steel Services	98, Cardiff Road, Reading, Berkshire, RG1 8LL	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
A	195m E	R D S	Unit 2 151-155, Cardiff Road, Reading, Berkshire, RG1 8JR	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	195m E	B & H Motor Services	Unit 5 151-155, Cardiff Road, Reading, Berkshire, RG1 8JR	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	195m E	Holt Screen Print	Unit 5 151-155, Cardiff Road, Reading, Berkshire, RG1 8JR	Plate Makers, Print Finishers and Type Setters	IT, Advertising, Marketing and Media Services
A	195m E	Pentagon Glass-tech	Unit 2-3 151-155, Cardiff Road, Reading, Berkshire, RG1 8JR	Industrial Coatings and Finishings	Industrial Products
E	206m NE	Rainbow Body Shops Reading	Unit 11, Tessa Road, Reading, Berkshire, RG1 8HH	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	222m E	Mark Allen Cars	149, Cardiff Road, Reading, Berkshire, RG1 8JF	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	234m E	Reading Body Works	Dec House 145, Cardiff Road, Reading, Berkshire, RG1 8JF	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	236m NE	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
F	240m NE	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
E	242m E	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features



This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Company	Address	LPG	Status
C	217m E	OBSOLETE	165-7, Cardiff Road, Reading, Reading, RG1 8HY	Not Applicable	Obsolete
14	401m E	OBSOLETE	Cardiff Road, Reading, Reading, RG1 8HW	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

1

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Description	Site name	Category	Year identified
10	363m S	B(a)P in made ground and compost. Source of B(a)P probably ash added by allotment holders & adjacent railway runoff.	George Street Allotments, George Street, Reading	Potentially Contaminated Land - Remediated	2008



This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

1

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Company	Address	Operational status	Tier
4	191m SW	Calor Gas Ltd	Calor Gas Ltd, Reading Calor Centre, Cow Lane, Reading, RG1 8HE	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

1

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Details	
3	177m SW	Application reference number: 920460 Application status: Approved Application date: 17/02/1993 Address: Jewells Calor Gas, Cow Lane, Reading, Berkshire, England, RG1 8NA	Details: The storage, sales and distribution of liquified petroleum gas in cylinders and bulk Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.



4.9 Historical licensed industrial activities (IPC)

Records within 500m

3

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Details	
J	426m SW	Operator: Oxxkem Ltd Address: 1 Loverock Road, Reading, Berkshire, RG30 1DZ Process: Inorganic Chemical Processes Permit Number: AO1128	Original Permit Number: IPCAIRAPP Date Approved: 28-11-1994 Effective Date: 5-12-1994 Status: Superseded By Variation
J	426m SW	Operator: Oxxkem Ltd Address: 1 Loverock Road, Reading, Berkshire, RG30 1DZ Process: Inorganic Chemical Processes Permit Number: AW0784	Original Permit Number: IPCMINVAR Date Approved: 9-8-1996 Effective Date: 9-8-1996 Status: Superseded By Variation
J	426m SW	Operator: Oxxkem Ltd Address: 1 Loverock Road, Reading, Berkshire, RG30 1DZ Process: Inorganic Chemical Processes Permit Number: BD6441	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

2

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Details	
A	On site	Operator: KINGFISHER COLOURS LIMITED Installation Name: KINGFISHER COLOURS LIMITED Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: LP3338DD Original Permit Number: LP3338DD	EPR Reference: - Issue Date: 12/12/2016 Effective Date: 12/12/2016 Last date noted as effective: 28/09/2020 Status: SUPERCEDED



ID	Location	Details	
A	On site	Operator: KINGFISHER COLOURS LIMITED Installation Name: KINGFISHER COLOURS LIMITED Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: MP3332QJ Original Permit Number: LP3338DD	EPR Reference: - Issue Date: - Effective Date: 14/12/2018 Last date noted as effective: 28/09/2020 Status: SURRENDER EFFECTIVE

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m	7
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Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Address	Details	
A	25m S	Unimet Enamellers Limited, 183 Cardiff Road, Reading, Berks, RG1 8HD	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
A	125m W	E Hillier & Son Ltd, Cardiff Road, RG1 8HX	Process: Other Metal Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
A	165m N	Grosvenor Motor Company Ltd, 10 Richfield Avenue, Reading, RG1 8EQ	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
A	195m E	Sprayworks Limited, Unit 5, 151-155 Cardiff Road, Reading, RG1 8ES	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
5	212m W	Wadham Kenning, 38-40 Portman Rd, Reading, 8-40 Portman Rd, RG30 1JG	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
6	268m E	Rivermead Accident Repair Centre Limited, 64 Cardiff Road, Reading, Berkshire, RG1 8LL	Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified



ID	Location	Address	Details	
13	393m E	Scenery Salvage, Cardiff Road, Reading, Berkshire, RG1 8ES	Process: Combustion & Incineration Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0
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Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m	8
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Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Address	Details	
G	264m S	PERMANENT WAY STAFF ACCOMMODATION B, PERMANENT WAY STAFF ACCOMMODATIO, N BLOCK COW LANE READING.	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.0130 Permit Version: 1 Receiving Water: MADE GROUND OVERLYING ALLUVIUM	Status: TRANSFERRED FROM COPA 1974 Issue date: 10/07/1985 Effective Date: 10/07/1985 Revocation Date: 12/05/2007
G	264m S	PERMANENT WAY STAFF ACCOMMODATION B, PERMANENT WAY STAFF ACCOMMODATIO, N BLOCK COW LANE READING.	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.0130 Permit Version: 2 Receiving Water: MADE GROUND OVERLYING ALLUVIUM	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 12/05/2007 Effective Date: 12/05/2007 Revocation Date: 24/05/2010
7	294m S	COW LANE BRIDGE, COW LANE, READING	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRHB3597RH Permit Version: 1 Receiving Water: TRIBUTARY OF RIVER THAMES	Status: SURRENDERED UNDER EPR 2010 Issue date: 10/05/2018 Effective Date: 01/06/2018 Revocation Date: 31/07/2019



ID	Location	Address	Details	
I	331m N	RIVERSIDE LEISURE CENTRE, READING, RIVERSIDE LEISURE CENTRE READIN, G BERKS	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.2509 Permit Version: 1 Receiving Water: PORTMAN BROOK	Status: TRANSFERRED FROM COPA 1974 Issue date: 09/06/1988 Effective Date: 09/06/1988 Revocation Date: -
8	352m SE	GREAT KNOLLEYS STREET,READING,BERKS, GREAT KNOLLEYS STREET READING BE, RKSHIRE RG1 7HP	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CATM.3307 Permit Version: 1 Receiving Water: ABATTOIR DITCH	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 06/07/1998 Effective Date: 06/07/1998 Revocation Date: -
12	386m SW	Reading, Cow Lane, Reading, Cow Lane	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.1771 Permit Version: 1 Receiving Water: VASTERN DITCH	Status: REVOKED - UNSPECIFIED Issue date: 02/11/1989 Effective Date: 02/11/1989 Revocation Date: 27/01/1997
16	430m SE	GREAT KNOLLEYS STREET,READING,BERKS, GREAT KNOLLEYS STREET READING BE, RKSHIRE RG1 7HP	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CATM.3308 Permit Version: 1 Receiving Water: ABATTOIR DITCH	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 06/07/1998 Effective Date: 06/07/1998 Revocation Date: -
17	488m NE	CALENDARS RESTAURANT, RICHFIELD AVE, CALENDARS RESTAURANT RICHFIELD, AVENUE CAVERSHAM READING BERK, S	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.2379 Permit Version: 1 Receiving Water: PORTMAN BROOK	Status: TRANSFERRED FROM COPA 1974 Issue date: 22/04/1988 Effective Date: 22/04/1988 Revocation Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.15 Pollutant release to public sewer

Records within 500m

2

Discharges of Special Category Effluents to the public sewer.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Address	Details	
A	107m W	E HILLIER AND SON (HOLDINGS) LTD, 215 CARDIFF ROAD, 215 CARDIFF ROAD, READING, BERKSHIRE, RG1 8HX	Permission reference: AF5158 Local Authority: READING BOROUGH COUNCIL First received date: 01/06/2001	Last received date: 01/01/2018 Status: EFFECTIVE
11	379m SW	QUICK CIRCUITS LTD, 1 LOVEROCK ROAD, 1 LOVEROCK ROAD, READING, BERKSHIRE, RG3 1DZ	Permission reference: AE2269 Local Authority: READING BOROUGH COUNCIL First received date: 01/06/2001	Last received date: 01/01/2018 Status: EFFECTIVE

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m

4

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Name	Status	Receiving Water	Authorised Substances
H	321m N	Quick Circuits Lovelock Rd. Reading	Not Active	-	-
H	321m N	Hilliers Engineering 215 Cardiff Road Reading	Not Active	-	-
H	321m N	Hilliers Engineering, 215 Cardiff Road, Reading	Active	Kennet	Mercury (other), Cadmium
H	321m N	Quick Circuits, Lovelock Road, Reading	Active	Kennet	Mercury (other)

This data is sourced from the Environment Agency and Natural Resources Wales.



4.17 List 2 Dangerous Substances

Records within 500m

1

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Name	Status	Receiving Water	Authorised Substances
A	24m S	Unimet Enamellers Ltd	Not Active	Kennet	Chromium

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m

4

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 44**

ID	Location	Details	
A	151m W	Incident Date: 18/04/2002 Incident Identification: 72625 Pollutant: Specific Waste Materials Pollutant Description: Metal Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
I	341m N	Incident Date: 26/02/2002 Incident Identification: 60718 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
9	356m S	Incident Date: 23/07/2007 Incident Identification: 516354 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
15	424m NE	Incident Date: 27/02/2002 Incident Identification: 60853 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.



4.19 Pollution inventory substances

Records within 500m

0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m

0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

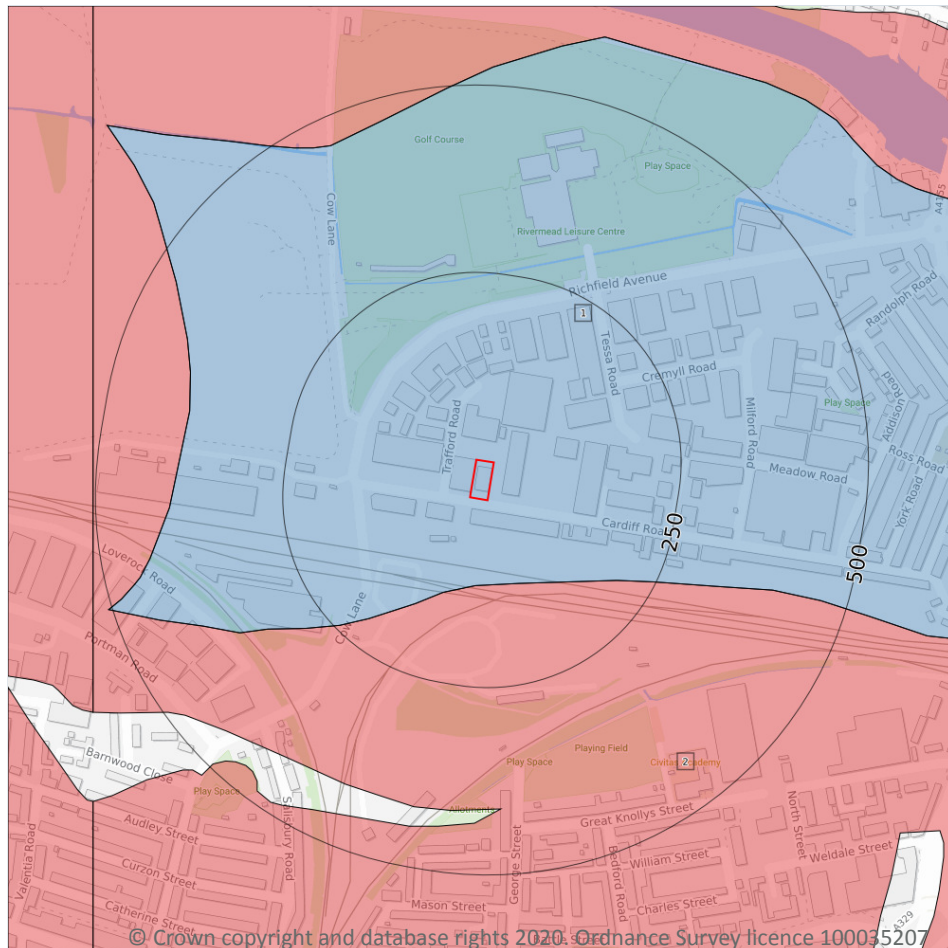
Records within 500m

0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

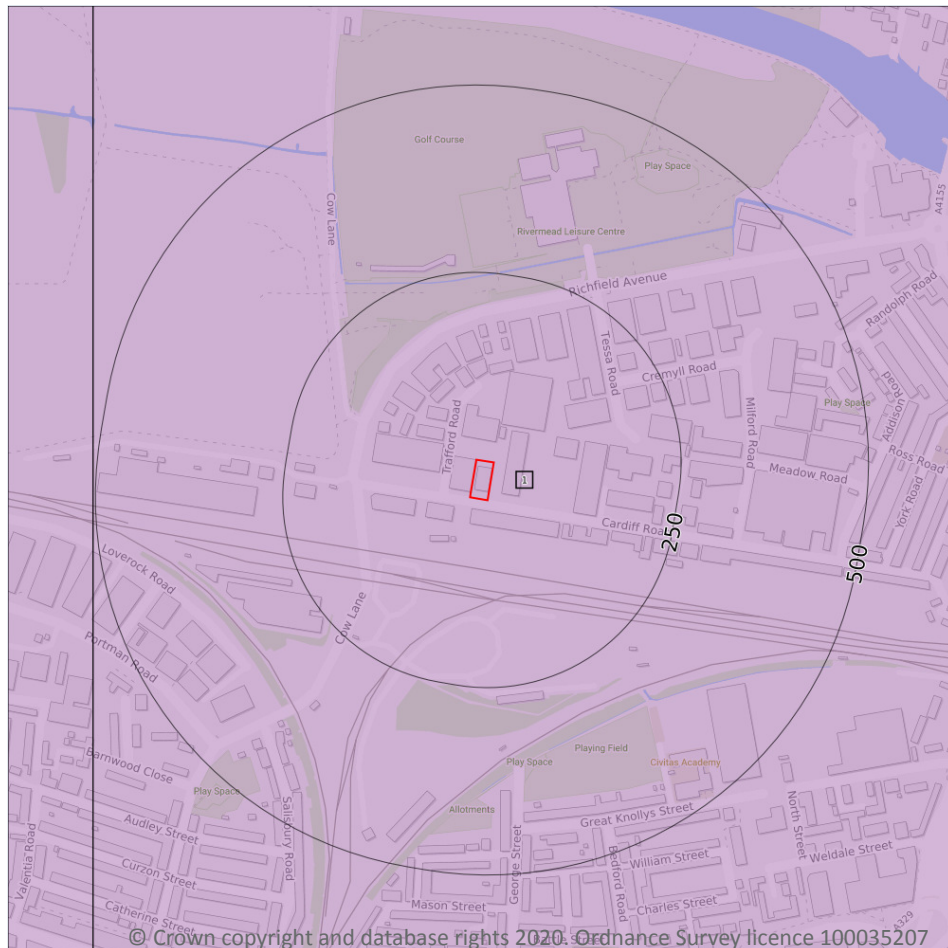
Features are displayed on the Hydrogeology map on **page 57**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	113m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

1

Aquifer status of groundwater held within bedrock geology.

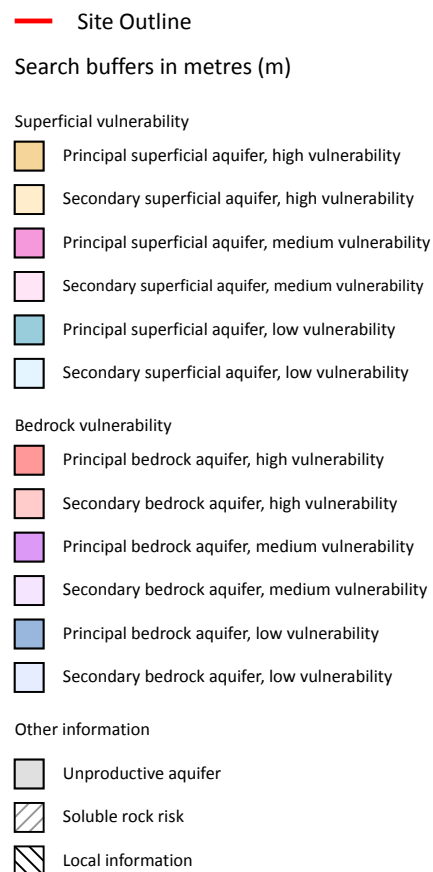
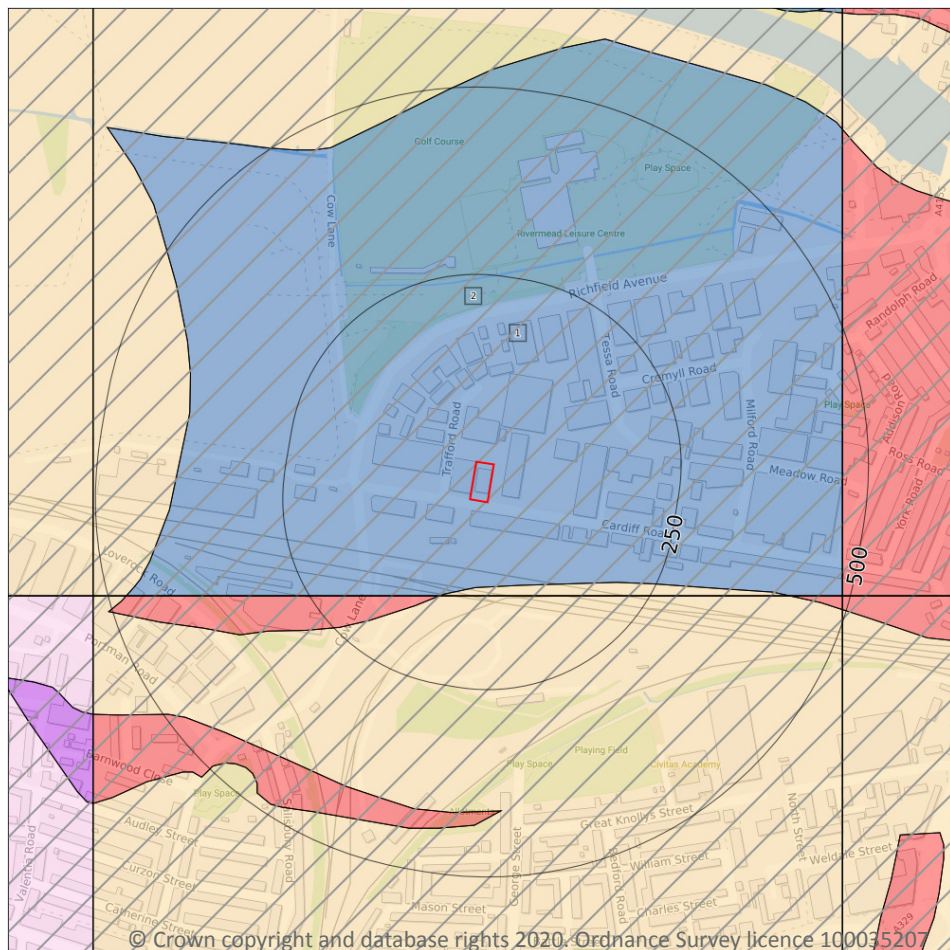
Features are displayed on the Bedrock aquifer map on **page 58**

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 59**



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	1
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This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
2	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	2.0%

This data is sourced from the British Geological Survey and the Environment Agency.

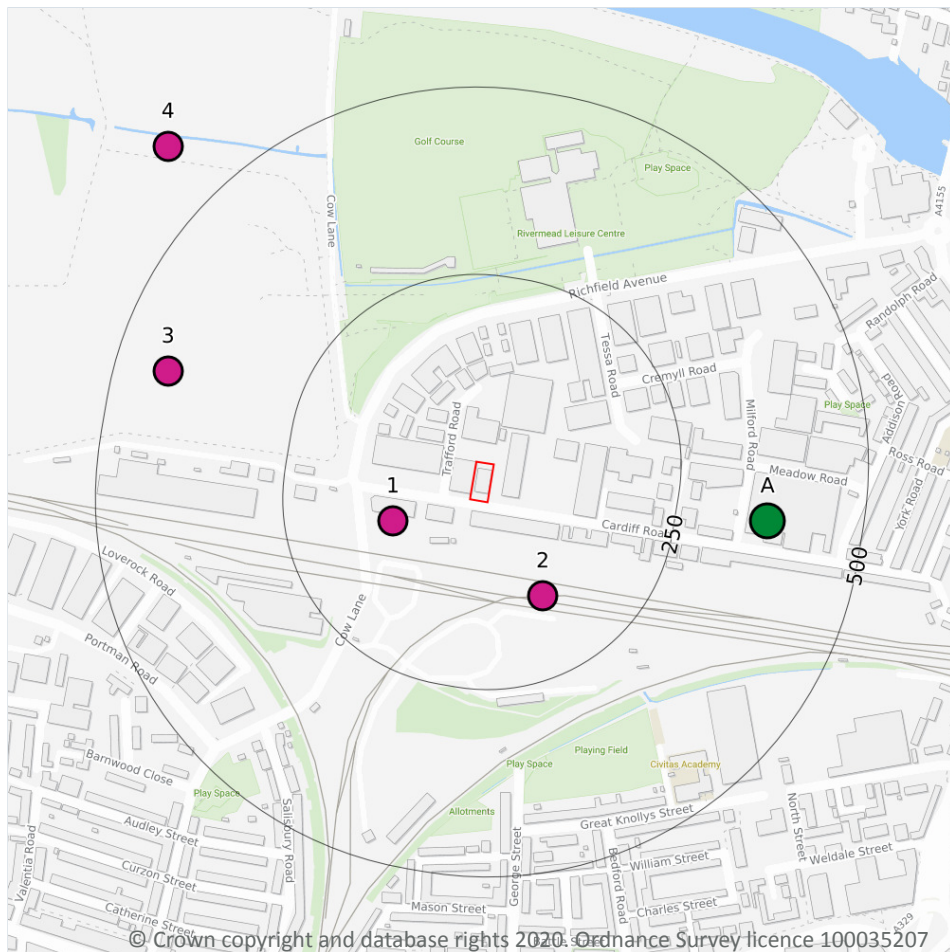
5.5 Groundwater vulnerability- local information

Records on site	0
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This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)**
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

21

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 61**

ID	Location	Details	
1	107m W	Status: Active Licence No: 28/39/23/0128 Details: Process Water Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING POINT A Data Type: Point Name: HILLIER GROUP OF COMPANIES Easting: 470400 Northing: 174100	Annual Volume (m ³): 6,682 Max Daily Volume (m ³): 27.28 Original Application No: - Original Start Date: 22/01/1975 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
2	145m SE	Status: Active Licence No: 28/39/23/0128 Details: Process Water Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING POINT B Data Type: Point Name: HILLIER GROUP OF COMPANIES Easting: 470600 Northing: 174000	Annual Volume (m ³): 6,682 Max Daily Volume (m ³): 27.28 Original Application No: - Original Start Date: 22/01/1975 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
A	372m E	Status: Historical Licence No: 28/39/23/0041 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING, BERKSHIRE Data Type: Point Name: COX & WYMAN LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/07/1966 Version End Date: -
A	372m E	Status: Historical Licence No: 28/39/23/0041 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING, BERKSHIRE Data Type: Point Name: COX & WYMAN LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/07/1966 Version End Date: -
A	372m E	Status: Active Licence No: 28/39/23/0167 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: MEADOW ROAD, READING, BERKSHIRE Data Type: Point Name: MANROSE MANUFACTURING LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): 90,920 Max Daily Volume (m ³): 727.40 Original Application No: - Original Start Date: 23/01/1990 Expiry Date: - Issue No: 101 Version Start Date: 30/06/2006 Version End Date: -



ID	Location	Details	
A	372m E	Status: Active Licence No: 28/39/23/0167 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: MEADOW ROAD, READING, BERKSHIRE Data Type: Point Name: MANROSE MANUFACTURING LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): 90,920 Max Daily Volume (m ³): 727.40 Original Application No: - Original Start Date: 23/01/1990 Expiry Date: - Issue No: 101 Version Start Date: 30/06/2006 Version End Date: -
3	428m W	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (E) Data Type: Point Name: DRAYTON Easting: 470100 Northing: 174300	Annual Volume (m ³): 9,819 Max Daily Volume (m ³): 26.82 Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
4	588m NW	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (D) Data Type: Point Name: DRAYTON Easting: 470100 Northing: 174600	Annual Volume (m ³): 9,819 Max Daily Volume (m ³): 26.82 Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	739m W	Status: Historical Licence No: 28/39/23/0181 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BATTLE HOSPITAL, OXFORD ROAD, READING Data Type: Point Name: WEST BERKSHIRE HEALTH AUTHORITY Easting: 469800 Northing: 173900	Annual Volume (m ³): 136875 Max Daily Volume (m ³): 400 Original Application No: - Original Start Date: 17/01/1992 Expiry Date: - Issue No: 100 Version Start Date: 07/01/1999 Version End Date: -
-	841m W	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (B) Data Type: Point Name: DRAYTON Easting: 469700 Northing: 174400	Annual Volume (m ³): 9,819 Max Daily Volume (m ³): 26.82 Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -



ID	Location	Details	
-	841m W	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (C) Data Type: Point Name: DRAYTON Easting: 469700 Northing: 174400	Annual Volume (m ³): 9,819 Max Daily Volume (m ³): 26.82 Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	918m SE	Status: Active Licence No: 28/39/23/0042 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: CHEAPSIDE, READING, BERKSHIRE Data Type: Point Name: PRIMARK STORES LIMITED Easting: 471200 Northing: 173500	Annual Volume (m ³): 14,933 Max Daily Volume (m ³): 40.91 Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2008 Version End Date: -
-	1005m W	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (A) Data Type: Point Name: DRAYTON Easting: 469500 Northing: 174200	Annual Volume (m ³): 9,819 Max Daily Volume (m ³): 26.82 Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	1383m E	Status: Active Licence No: 28/39/23/0020 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: 72 GEORGE STREET, CAVERSHAM, - BOREHOLE 'A' Data Type: Point Name: Berendsen UK Limited Easting: 471900 Northing: 174400	Annual Volume (m ³): 68,190 Max Daily Volume (m ³): 300.04 Original Application No: - Original Start Date: 09/05/1966 Expiry Date: - Issue No: 102 Version Start Date: 12/01/2016 Version End Date: -
-	1472m W	Status: Historical Licence No: 28/39/23/0137 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: SCOURS LANE, READING (A - R) Data Type: Point Name: READING BOROUGH COUNCIL Easting: 469100 Northing: 174600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/11/1976 Expiry Date: - Issue No: 100 Version Start Date: 17/11/1976 Version End Date: -



ID	Location	Details	
-	1643m W	Status: Historical Licence No: 28/39/23/0131 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: SCOURS LANE, READING Data Type: Point Name: PRUDENTIAL IBIS CLUB Easting: 468900 Northing: 174500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1992 Version End Date: -
-	1643m W	Status: Historical Licence No: 28/39/23/0131 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: SCOURS LANE, READING Data Type: Point Name: PRUDENTIAL IBIS CLUB Easting: 468900 Northing: 174500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1992 Version End Date: -
-	1709m NW	Status: Historical Licence No: 28/39/23/0139 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: CHAZEY COURT FARM, MAPLEDURHAM Data Type: Point Name: EYSTON Easting: 469140 Northing: 175200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/03/1977 Expiry Date: - Issue No: 101 Version Start Date: 09/09/1999 Version End Date: -
-	1733m NW	Status: Historical Licence No: 28/39/23/0139 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: CHAZEY COURT FARM, MAPLEDURHAM, - TUBEWELL 'A' Data Type: Point Name: EYSTON Easting: 469110 Northing: 175200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/03/1977 Expiry Date: - Issue No: 101 Version Start Date: 09/09/1999 Version End Date: -



ID	Location	Details	
-	1839m W	Status: Historical Licence No: 28/39/23/0176 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: SCOURS LANE, READING TOWN F.C, READING Data Type: Point Name: READING TOWN FOOTBALL CLUB Easting: 468700 Northing: 174500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 30/09/1994 Expiry Date: - Issue No: 100 Version Start Date: 30/09/1994 Version End Date: -
-	1839m W	Status: Historical Licence No: 28/39/23/0176 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: SCOURS LANE, READING TOWN F.C, READING Data Type: Point Name: READING TOWN FOOTBALL CLUB Easting: 468700 Northing: 174500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 30/09/1994 Expiry Date: - Issue No: 100 Version Start Date: 30/09/1994 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m

6

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 61**

ID	Location	Details	
-	946m E	Status: Historical Licence No: 28/39/23/0196 Details: Transfer between sources Direct Source: THAMES SURFACE WATER - NON TIDAL Point: THAMES AT CHRISTCHURCH MEADOW Data Type: Point Name: READING BOROUGH COUNCIL Easting: 471440 Northing: 174450	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/05/2003 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 12/05/2003 Version End Date: -



ID	Location	Details	
-	946m E	Status: Historical Licence No: 28/39/23/0196 Details: Lake & Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: THAMES AT CHRISTCHURCH MEADOW Data Type: Point Name: READING BOROUGH COUNCIL Easting: 471440 Northing: 174450	Annual Volume (m ³): 31536 Max Daily Volume (m ³): 86.4 Original Application No: - Original Start Date: 12/05/2003 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 01/04/2006 Version End Date: -
-	946m E	Status: Historical Licence No: 28/39/23/0199/TR Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER THAMES - CHRISTCHURCH MEADOWS Data Type: Point Name: READING BOROUGH COUNCIL Easting: 471440 Northing: 174450	Annual Volume (m ³): 1,752,000 Max Daily Volume (m ³): 4800 Original Application No: - Original Start Date: 10/09/2008 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 10/09/2008 Version End Date: -
-	1442m SE	Status: Historical Licence No: 28/39/22/0594 Details: Lake & Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: THE ORACLE CENTRE, READING Data Type: Point Name: ORACLE SHOPPING CENTRE LTD Easting: 471590 Northing: 173150	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/2000 Expiry Date: - Issue No: 1 Version Start Date: 16/02/2000 Version End Date: -
-	1442m SE	Status: Active Licence No: 28/39/22/0594 Details: Lake & Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: ST.GILES STREAM AT THE ORACLE CENTRE, READING Data Type: Point Name: ORACLE SHOPPING CENTRE LTD Easting: 471590 Northing: 173150	Annual Volume (m ³): 737,856 Max Daily Volume (m ³): 2,016 Original Application No: - Original Start Date: 16/02/2000 Expiry Date: - Issue No: 2 Version Start Date: 09/03/2020 Version End Date: -
-	1537m E	Status: Active Licence No: TH/039/0023/022 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER THAMES AT CAVERSHAM WEIR Data Type: Point Name: The Reading Sustainability Centre CIC Easting: 472072 Northing: 174185	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 19/02/2016 Expiry Date: 31/03/2028 Issue No: 3 Version Start Date: 19/02/2020 Version End Date: -



This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m

6

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 61**

ID	Location	Details	
A	372m E	Status: Historical Licence No: 28/39/23/0041 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING, BERKSHIRE Data Type: Point Name: COX & WYMAN LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/07/1966 Version End Date: -
A	372m E	Status: Active Licence No: 28/39/23/0167 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: MEADOW ROAD, READING, BERKSHIRE Data Type: Point Name: MANROSE MANUFACTURING LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): 90,920 Max Daily Volume (m ³): 727.40 Original Application No: - Original Start Date: 23/01/1990 Expiry Date: - Issue No: 101 Version Start Date: 30/06/2006 Version End Date: -
-	739m W	Status: Historical Licence No: 28/39/23/0181 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BATTLE HOSPITAL, OXFORD ROAD, READING Data Type: Point Name: WEST BERKSHIRE HEALTH AUTHORITY Easting: 469800 Northing: 173900	Annual Volume (m ³): 136875 Max Daily Volume (m ³): 400 Original Application No: - Original Start Date: 17/01/1992 Expiry Date: - Issue No: 100 Version Start Date: 07/01/1999 Version End Date: -



ID	Location	Details	
-	918m SE	Status: Active Licence No: 28/39/23/0042 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: CHEAPSIDE, READING, BERKSHIRE Data Type: Point Name: PRIMARK STORES LIMITED Easting: 471200 Northing: 173500	Annual Volume (m ³): 14,933 Max Daily Volume (m ³): 40.91 Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2008 Version End Date: -
-	1643m W	Status: Historical Licence No: 28/39/23/0131 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: SCOURS LANE, READING Data Type: Point Name: PRUDENTIAL IBIS CLUB Easting: 468900 Northing: 174500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1992 Version End Date: -
-	1839m W	Status: Historical Licence No: 28/39/23/0176 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: SCOURS LANE, READING TOWN F.C, READING Data Type: Point Name: READING TOWN FOOTBALL CLUB Easting: 468700 Northing: 174500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 30/09/1994 Expiry Date: - Issue No: 100 Version Start Date: 30/09/1994 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	0
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.



5.10 Source Protection Zones (confined aquifer)

Records within 500m

0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ... WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

3

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 71**

ID	Location	Type of water feature	Ground level	Permanence	Name
2	240m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
3	241m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
4	247m SW	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

1

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 71**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 71**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River WB catchment	Thames Wallingford to Caversham	GB106039030331	South Chilterns	Thames and South Chilterns

This data is sourced from the Environment Agency and Natural Resources Wales.



6.4 WFD Surface water bodies

Records identified

1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 71**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	658m N	River	Thames Wallingford to Caversham	GB106039030331	Moderate	Good	Moderate	2016

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site

1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

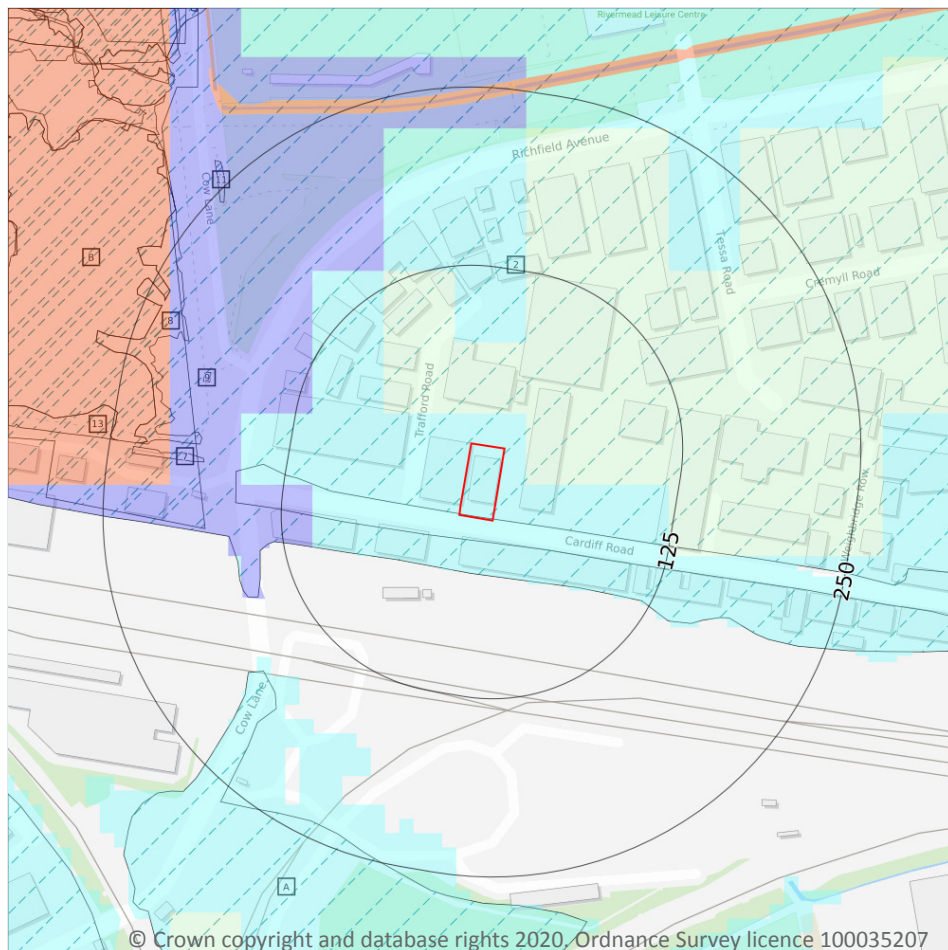
Features are displayed on the Hydrology map on **page 71**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Berkshire Downs Chalk	GB40601G600900	Poor	Poor	Poor	2015

This data is sourced from the Environment Agency and Natural Resources Wales.



7 River and coastal flooding



- Site Outline
- Search buffers in metres (m)
- Environment Agency river and coastal flooding:
 - High
 - Medium
 - Low
 - Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m

2

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on **page 74**

Distance	RoFRaS flood risk
On site	Low
0 - 50m	Low



This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m

9

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

Features are displayed on the River and coastal flooding map on **page 74**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
2	On site	06marchspring1947	1947-01-01 1947-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
A	176m SW	06marchspring1947	1947-01-01 1947-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
B	179m W	06januarynewyear2003	2002-12-23 2003-01-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
7	183m W	Ea06winter13-14	2013-11-23 2014-02-28	Unknown	Local drainage/surface water	Fluvial
8	187m W	Ea06winter13-14	2013-11-23 2014-02-28	Main river	Channel capacity exceeded (no raised defences)	Fluvial
9	188m W	Ea06winter13-14	2013-11-23 2014-02-28	Unknown	Local drainage/surface water	Fluvial
B	221m W	Ea06winter13-14	2013-11-23 2014-02-28	Main river	Channel capacity exceeded (no raised defences)	Fluvial
11	242m NW	Ea06winter13-14	2013-11-23 2014-02-28	Unknown	Local drainage/surface water	Fluvial
13	246m W	Ea06winter13-14	2013-11-23 2014-02-28	Main river	Channel capacity exceeded (no raised defences)	Fluvial

This data is sourced from the Environment Agency and Natural Resources Wales.



7.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

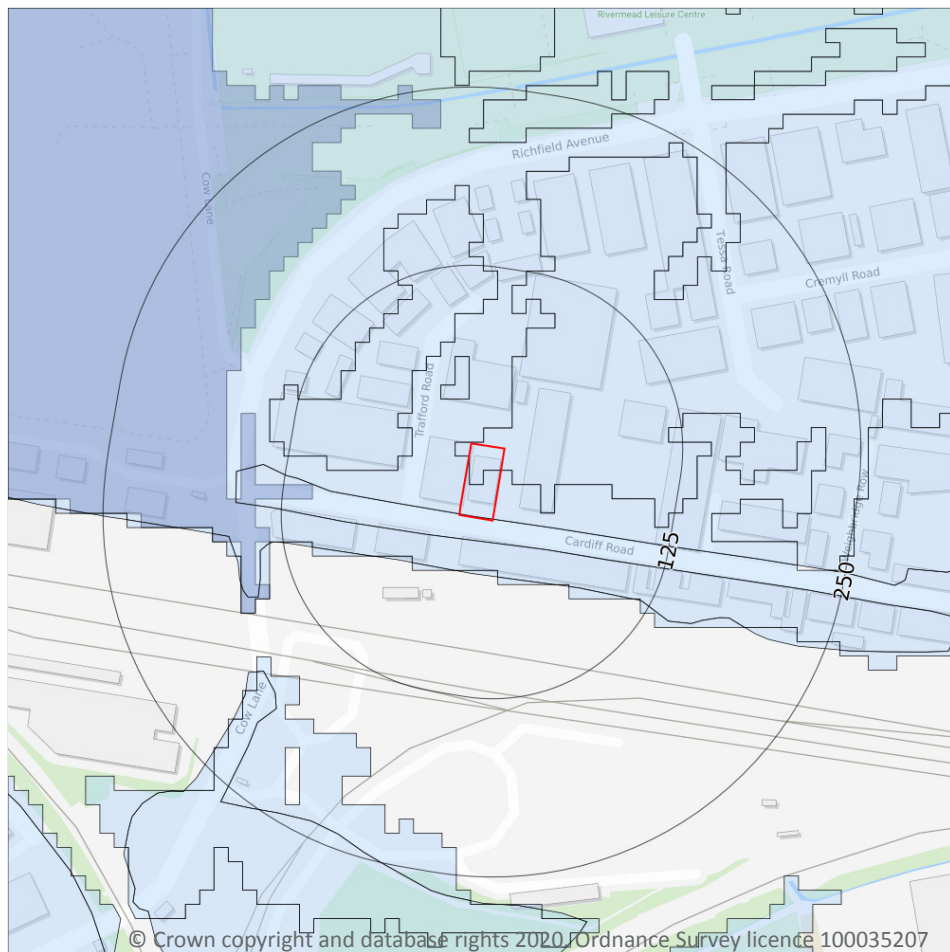
Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones



- Site Outline
- Search buffers in metres (m)
- Flood zone 2
- Flood zone 3

7.6 Flood Zone 2

Records within 50m

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

Features are displayed on the River and coastal flooding map on **page 74**

Location	Type
On site	Zone 2 - (Fluvial /Tidal Models)

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 100 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 79**

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.1m and 0.3m
1 in 250 year	Between 0.1m and 0.3m
1 in 100 year	Between 0.1m and 0.3m
1 in 30 year	Negligible

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

Highest risk on site

Moderate-High

Highest risk within 50m

High

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 81**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m

0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.5 National Nature Reserves (NNR)

Records within 2000m

0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.



10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

2

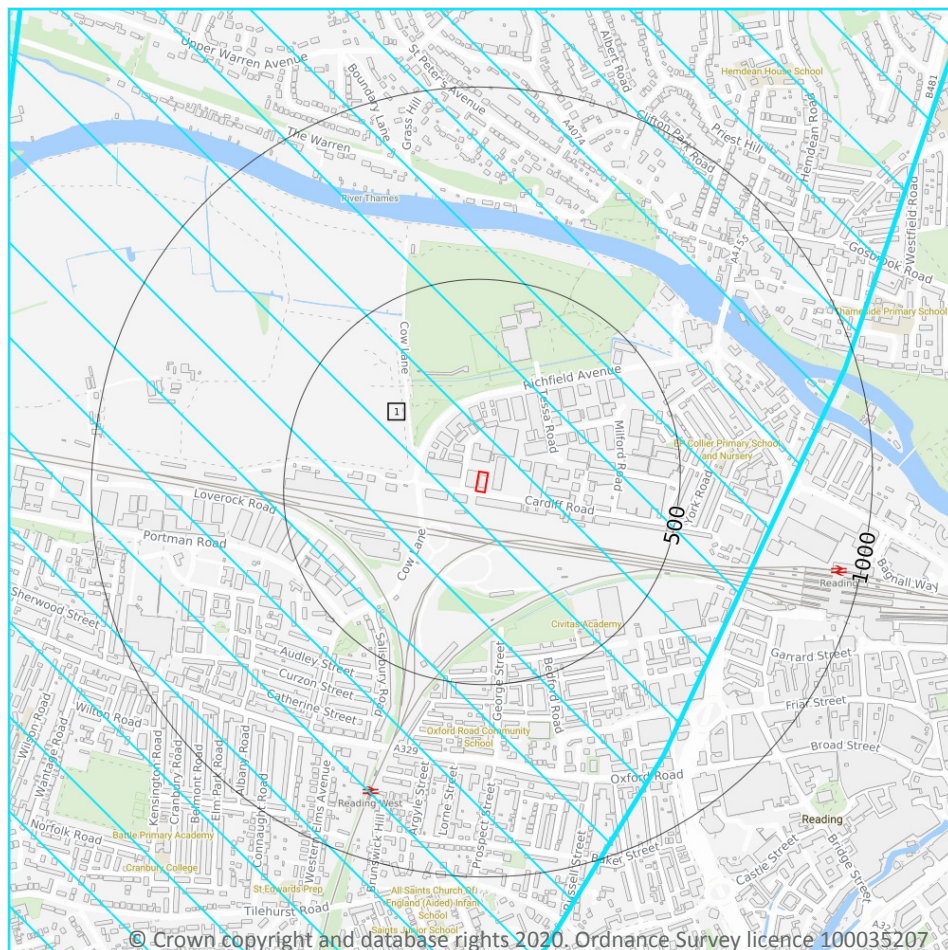
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Thames Wallingford to Caversham NVZ	Surface Water	S481	Existing
1804m NW	Thames Wallingford to Caversham NVZ	Surface Water	S481	Existing

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 86**

ID	Location	Type of developments requiring consultation
1	On site	Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons > 4000m². Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion



This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.



This data is sourced from English Heritage, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m

0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.

12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

2

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 90**

ID	Location	Classification	Description
1	On site	Urban	-

ID	Location	Classification	Description
2	220m W	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	0
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The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m	0
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Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0
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Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m	0
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Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.



13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

3

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 93**

ID	Location	Main Habitat	Other habitats
1	231m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	244m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	249m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.



13.2 Habitat Networks

Records within 250m**0**

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m**0**

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

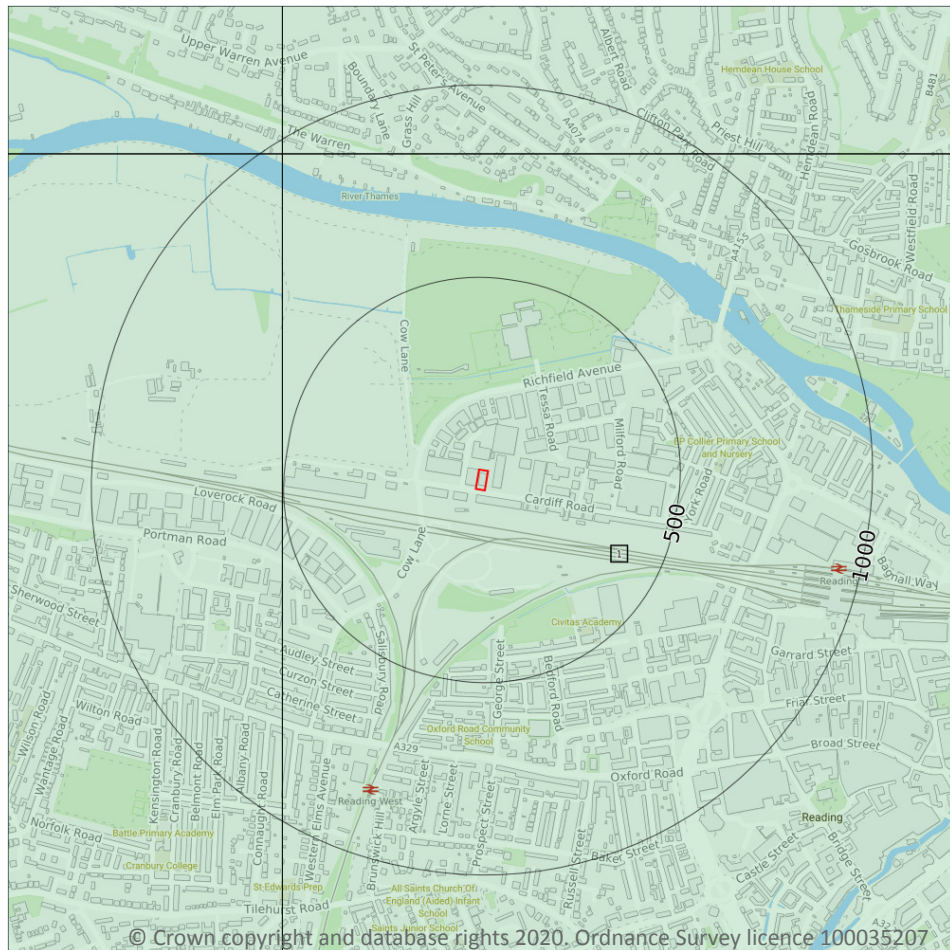
Records within 250m**0**

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

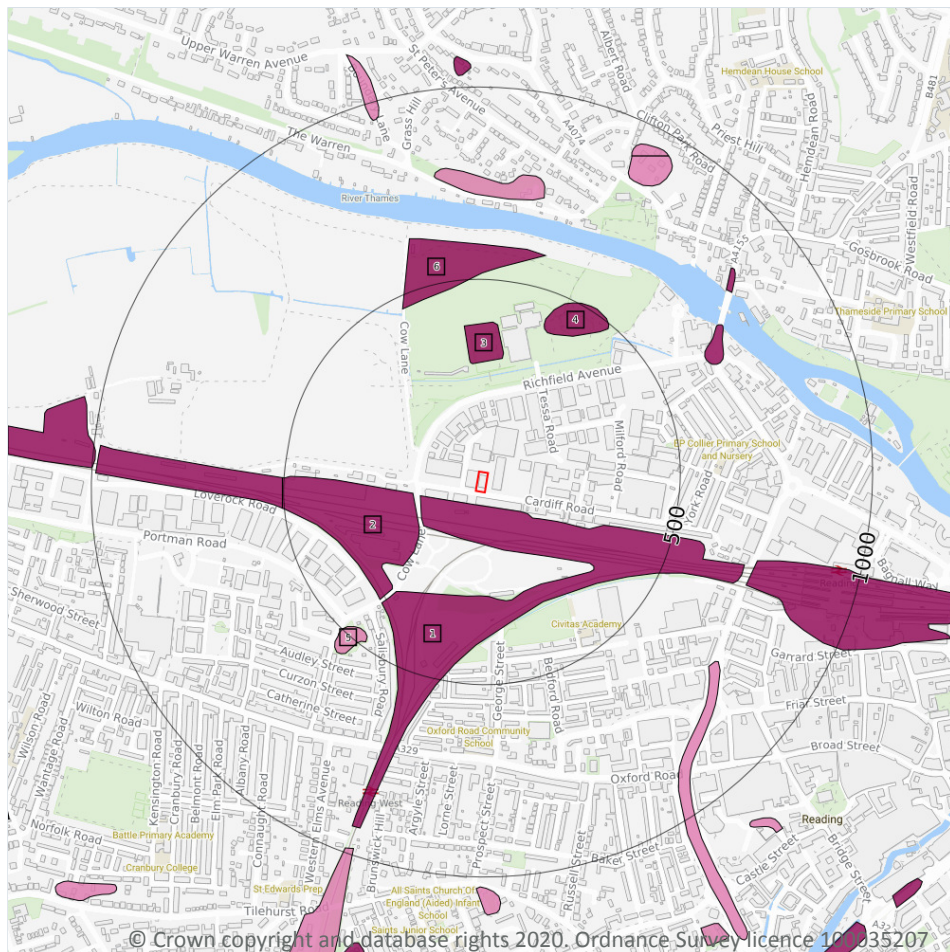
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 95**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SU77SW

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground



— Site Outline
Search buffers in metres (m)

- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m

6

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 96**

ID	Location	LEX Code	Description	Rock description
1	35m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	162m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	281m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	396m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

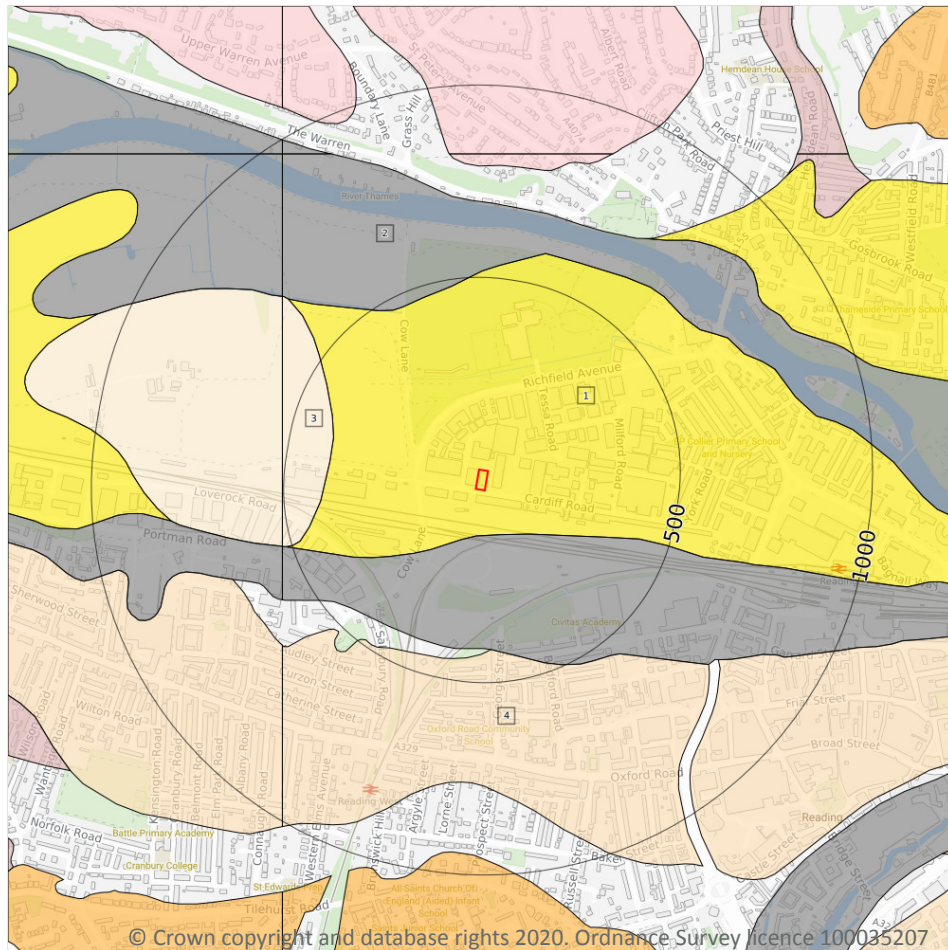


ID	Location	LEX Code	Description	Rock description
5	466m SW	WGR-VOID	Worked Ground (Undivided)	Void
6	467m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

4

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 98**

ID	Location	LEX Code	Description	Rock description
1	On site	LASI-XCZ	Langley Silt Member - Clay And Silt	Clay And Silt
2	117m S	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt
3	386m W	KPGR-XSV	Kempton Park Gravel Formation - Sand And Gravel	Sand And Gravel
4	414m S	TPGR-XSV	Taplow Gravel Formation - Sand And Gravel	Sand And Gravel



This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

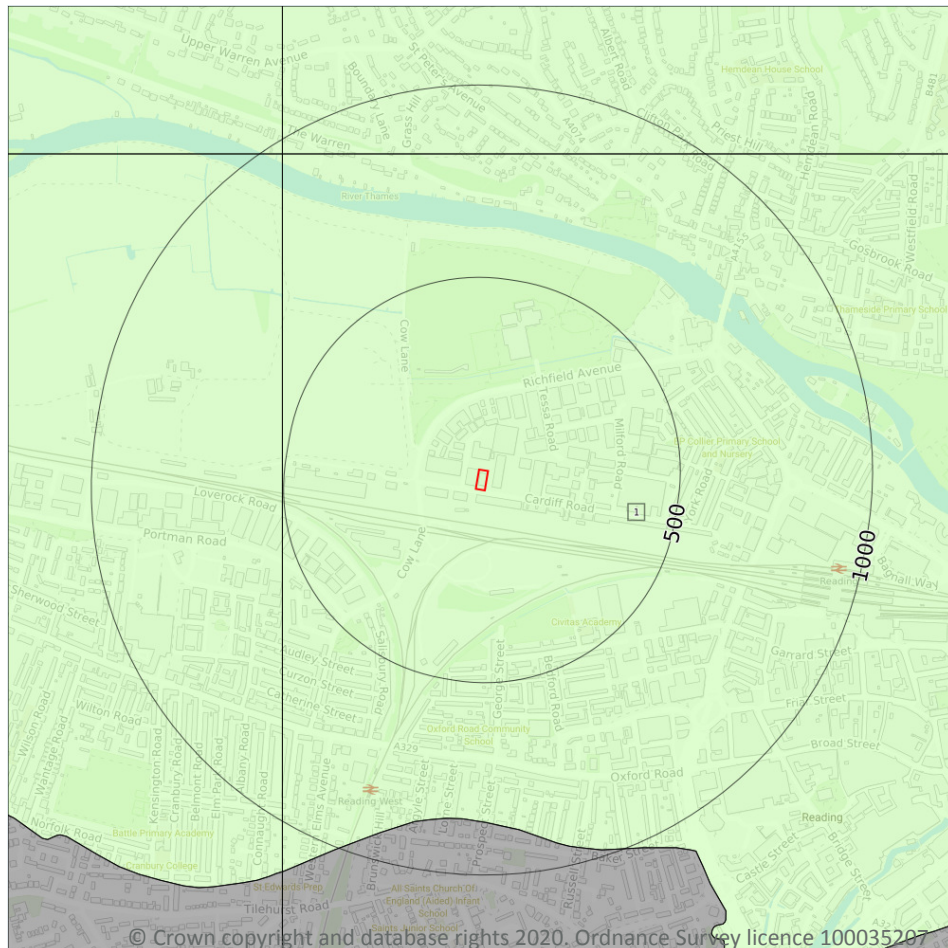
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

1

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 100**

ID	Location	LEX Code	Description	Rock age
1	On site	LSNCK-CHLK	Lewes Nodular Chalk Formation, Seaford Chalk Formation And Newhaven Chalk Formation (undifferentiated) - Chalk	Campanian Age - Turonian Age

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

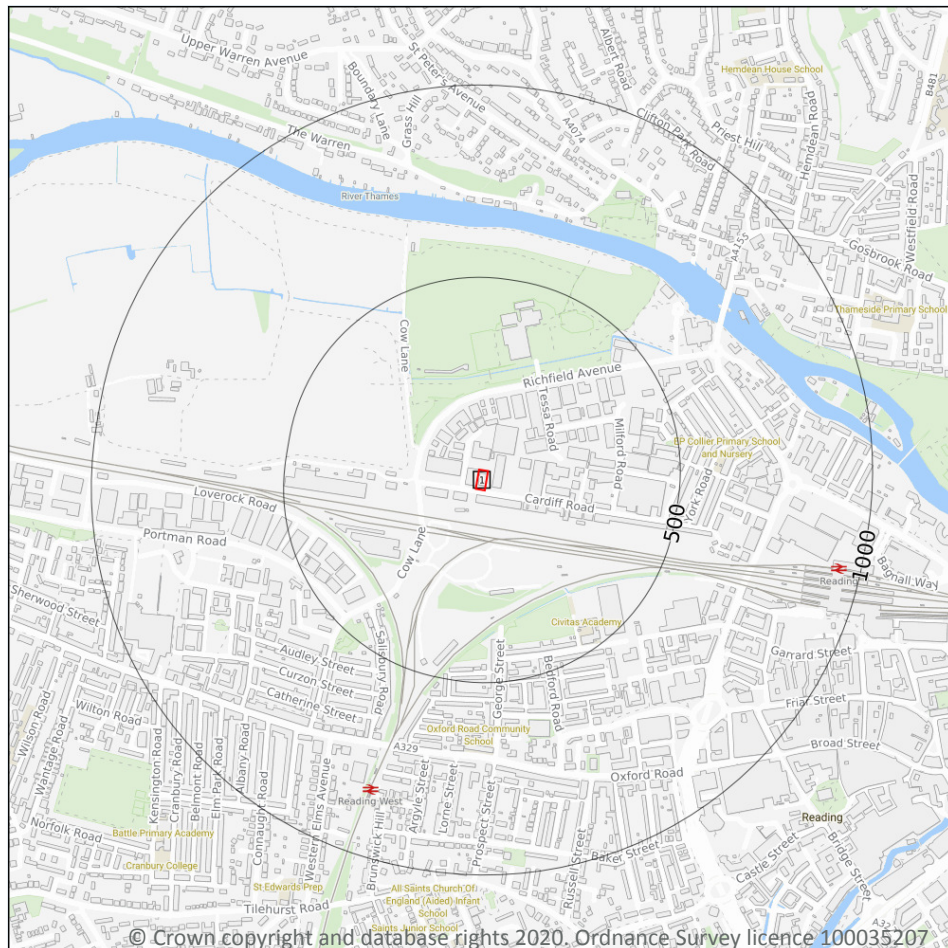
0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

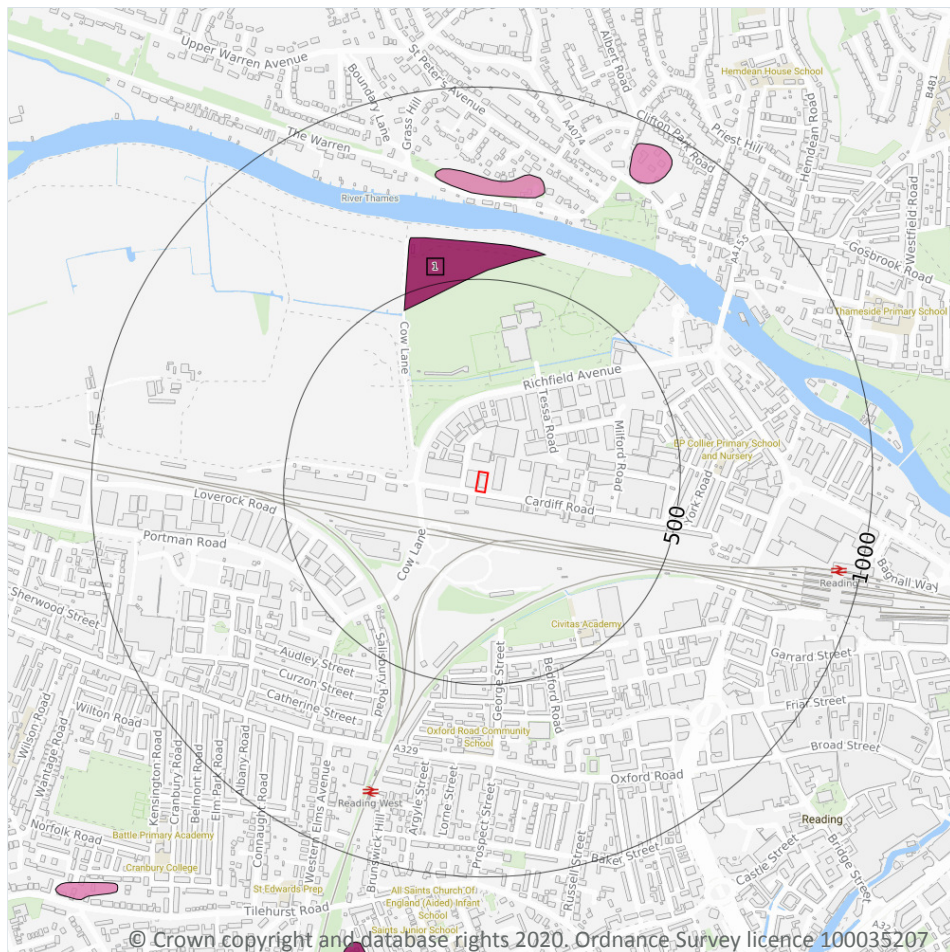
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 102**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	EW268_reading_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



- Site Outline
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

1

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 103**

ID	Location	LEX Code	Description	Rock description
1	462m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

