

APPENDIX E: GroundSure EnviroInsight and GeoInsight Datasheets

Dee Park, Glenmore Place, Reading, RG30 4EP

Order Details

Date: 24/09/2024
Your ref: GWPR6235
Our Ref: GS-6A6-MJ7-6PQ-V7K

Site Details

Location: 468479 173632
Area: 0.16 ha
Authority: [Reading Borough Council](#) ↗



[Summary of findings](#)

[p.2 >](#) [Aerial image](#)

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[OS MasterMap site plan](#)

[p.14 >](#) [Insight User Guide](#) ↗

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Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	5	2	16	69	-
19 >	1.2 >	Historical tanks >	0	0	1	18	-
20 >	1.3 >	Historical energy features >	0	2	10	15	-
21	1.4	Historical petrol stations	0	0	0	0	-
22 >	1.5 >	Historical garages >	0	0	0	3	-
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 >	Historical industrial land uses >	7	2	19	87	-
28 >	2.2 >	Historical tanks >	0	0	1	24	-
29 >	2.3 >	Historical energy features >	0	3	20	23	-
31	2.4	Historical petrol stations	0	0	0	0	-
31 >	2.5 >	Historical garages >	0	0	0	6	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
32	3.1	Active or recent landfill	0	0	0	0	-
32	3.2	Historical landfill (BGS records)	0	0	0	0	-
33	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
33	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
33	3.5	Historical waste sites	0	0	0	0	-
33	3.6	Licensed waste sites	0	0	0	0	-
33 >	3.7 >	Waste exemptions >	0	0	1	27	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
36 >	4.1 >	Recent industrial land uses >	0	0	8	-	-
37 >	4.2 >	Current or recent petrol stations >	0	0	1	0	-
37	4.3	Electricity cables	0	0	0	0	-
37	4.4	Gas pipelines	0	0	0	0	-
38	4.5	Sites determined as Contaminated Land	0	0	0	0	-



38	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
38	4.7	Regulated explosive sites	0	0	0	0	-
38	4.8	Hazardous substance storage/usage	0	0	0	0	-
38	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
39	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
39 >	4.11 >	<u>Licensed pollutant release (Part A(2)/B) ></u>	0	0	0	2	-
39	4.12	Radioactive Substance Authorisations	0	0	0	0	-
39	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
40	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
40	4.15	Pollutant release to public sewer	0	0	0	0	-
40	4.16	List 1 Dangerous Substances	0	0	0	0	-
40	4.17	List 2 Dangerous Substances	0	0	0	0	-
40 >	4.18 >	<u>Pollution Incidents (EA/NRW) ></u>	0	0	0	4	-
41	4.19	Pollution inventory substances	0	0	0	0	-
41	4.20	Pollution inventory waste transfers	0	0	0	0	-
42	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
43 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
45 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
47 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
48 >	5.4 >	<u>Groundwater vulnerability- soluble rock risk ></u>	Identified (within 0m)				
48	5.5	Groundwater vulnerability- local information	None (within 0m)				
49 >	5.6 >	<u>Groundwater abstractions ></u>	0	0	0	0	15
53	5.7	Surface water abstractions	0	0	0	0	0
53 >	5.8 >	<u>Potable abstractions ></u>	0	0	0	0	3
54	5.9	Source Protection Zones	0	0	0	0	-
54	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
55	6.1	Water Network (OS MasterMap)	0	0	0	-	-



55	6.2	Surface water features	0	0	0	-	-
56 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
56 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
57 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
58	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
58	7.2	Historical Flood Events	0	0	0	-	-
58	7.3	Flood Defences	0	0	0	-	-
59	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
59	7.5	Flood Storage Areas	0	0	0	-	-
60	7.6	Flood Zone 2	None (within 50m)				
60	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
61 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
63 >	9.1 >	Groundwater flooding >	Moderate (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
64	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
65	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
65	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
65	10.4	Special Protection Areas (SPA)	0	0	0	0	0
65	10.5	National Nature Reserves (NNR)	0	0	0	0	0
66 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	2	4
66 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	3
67	10.8	Biosphere Reserves	0	0	0	0	0
67	10.9	Forest Parks	0	0	0	0	0
67	10.10	Marine Conservation Zones	0	0	0	0	0
67	10.11	Green Belt	0	0	0	0	0
67	10.12	Proposed Ramsar sites	0	0	0	0	0



68	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
68	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
68	10.15	Nitrate Sensitive Areas	0	0	0	0	0
68 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	0
70 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
71	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
72	11.1	World Heritage Sites	0	0	0	-	-
72	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
72	11.3	National Parks	0	0	0	-	-
72	11.4	Listed Buildings	0	0	0	-	-
73	11.5	Conservation Areas	0	0	0	-	-
73	11.6	Scheduled Ancient Monuments	0	0	0	-	-
73	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
74 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
75	12.2	Open Access Land	0	0	0	-	-
75	12.3	Tree Felling Licences	0	0	0	-	-
75	12.4	Environmental Stewardship Schemes	0	0	0	-	-
75	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
76	13.1	Priority Habitat Inventory	0	0	0	-	-
76	13.2	Habitat Networks	0	0	0	-	-
76	13.3	Open Mosaic Habitat	0	0	0	-	-
76	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
77 >	14.1 >	10k Availability >	Identified (within 500m)				
78 >	14.2 >	Artificial and made ground (10k) >	0	1	1	4	-
80 >	14.3 >	Superficial geology (10k) >	0	0	1	6	-



81	14.4	Landslip (10k)	0	0	0	0	-
82 >	14.5 >	Bedrock geology (10k) >	2	0	1	1	-
83 >	14.6 >	Bedrock faults and other linear features (10k) >	1	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
84 >	15.1 >	50k Availability >	Identified (within 500m)				
85 >	15.2 >	Artificial and made ground (50k) >	0	0	1	3	-
86	15.3	Artificial ground permeability (50k)	0	0	-	-	-
87 >	15.4 >	Superficial geology (50k) >	0	0	1	6	-
88	15.5	Superficial permeability (50k)	None (within 50m)				
88	15.6	Landslip (50k)	0	0	0	0	-
88	15.7	Landslip permeability (50k)	None (within 50m)				
89 >	15.8 >	Bedrock geology (50k) >	2	0	0	1	-
90 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
90 >	15.10 >	Bedrock faults and other linear features (50k) >	1	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
91	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence >					
92 >	17.1 >	Shrink swell clays >	Moderate (within 50m)				
93 >	17.2 >	Running sands >	Very low (within 50m)				
95 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
96 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
97 >	17.5 >	Landslides >	Very low (within 50m)				
99 >	17.6 >	Ground dissolution of soluble rocks >	Moderate (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
101 >	18.1 >	BritPits >	0	2	2	10	-
104 >	18.2 >	Surface ground workings >	7	2	11	-	-
105 >	18.3 >	Underground workings >	0	0	0	1	0
105	18.4	Underground mining extents	0	0	0	0	-
106 >	18.5 >	Historical Mineral Planning Areas >	0	0	1	2	-



106 >	18.6 >	Non-coal mining >	1	0	0	0	0
107	18.7	JPB mining areas	None (within 0m)				
107	18.8	The Coal Authority non-coal mining	0	0	0	0	-
107 >	18.9 >	Researched mining >	1	0	0	2	-
107	18.10	Mining record office plans	0	0	0	0	-
108	18.11	BGS mine plans	0	0	0	0	-
108	18.12	Coal mining	None (within 0m)				
108	18.13	Brine areas	None (within 0m)				
108	18.14	Gypsum areas	None (within 0m)				
108	18.15	Tin mining	None (within 0m)				
109	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes >	On site	0-50m	50-250m	250-500m	500-2000m
110 >	19.1 >	Natural cavities >	0	0	0	1	-
111 >	19.2 >	Mining cavities >	0	0	0	2	7
112	19.3	Reported recent incidents	0	0	0	0	-
112	19.4	Historical incidents	0	0	0	0	-
112 >	19.5 >	National karst database >	0	0	0	1	-
Page	Section	Radon >					
113 >	20.1 >	Radon >	Between 1% and 3% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
115 >	21.1 >	BGS Estimated Background Soil Chemistry >	3	1	-	-	-
115	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
115	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
116	22.1	Underground railways (London)	0	0	0	-	-
116	22.2	Underground railways (Non-London)	0	0	0	-	-
116	22.3	Railway tunnels	0	0	0	-	-
116	22.4	Historical railway and tunnel features	0	0	0	-	-
116	22.5	Royal Mail tunnels	0	0	0	-	-



117	22.6	Historical railways	0	0	0	-	-
117	22.7	Railways	0	0	0	-	-
117	22.8	Crossrail 1	0	0	0	0	-
117	22.9	Crossrail 2	0	0	0	0	-
117	22.10	HS2	0	0	0	0	-

Recent aerial photograph



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Capture Date: 02/06/2020

Site Area: 0.16ha



Recent site history - 2019 aerial photograph



Capture Date: 25/08/2019

Site Area: 0.16ha



Recent site history - 2013 aerial photograph



Capture Date: 08/07/2013

Site Area: 0.16ha



Recent site history - 2010 aerial photograph



Capture Date: 22/09/2010

Site Area: 0.16ha



Recent site history - 1999 aerial photograph



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Capture Date: 04/09/1999

Site Area: 0.16ha



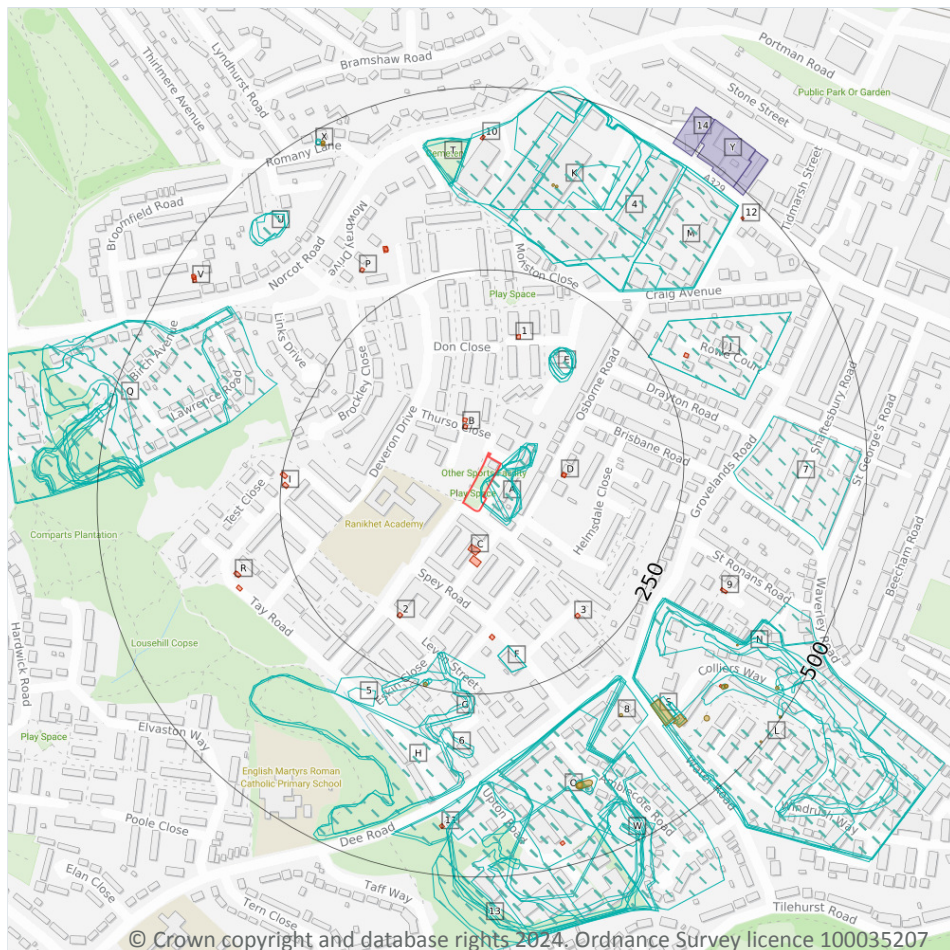
OS MasterMap site plan



Site Area: 0.16ha



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

92

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 15](#) >

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Pit	1938 - 1961	1925519



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Pits	1932	1945597
A	On site	Old Gravel Pits	1900	1958226
A	On site	Old Gravel Pits	1910	1982487
A	On site	Old Gravel Pits	1900	1999364
A	2m NE	Unspecified Pit	1961	1904345
A	6m NE	Unspecified Ground Workings	1938	1880712
E	136m NE	Old Gravel Pit	1900	1942565
E	141m NE	Old Gravel Pit	1900	1915573
E	141m NE	Old Gravel Pit	1910	1919150
E	141m NE	Unspecified Pit	1938	1930855
E	145m NE	Unspecified Pit	1961	1920335
E	148m NE	Unspecified Pit	1932	1950817
F	188m S	Fire Station	1982 - 1991	1946274
F	188m S	Fire Station	1976	1996998
G	198m S	Unspecified Ground Workings	1961	1880207
H	198m S	Clay Pit	1938	1945329
H	198m S	Clay Pit	1932	1929281
G	237m S	Unspecified Tank	1932 - 1938	1951467
G	240m S	Unspecified Tank	1961	1923069
G	243m S	Unspecified Heap	1961	1895527
J	249m NE	Unspecified Depot	1976	1917430
J	249m NE	Unspecified Depot	1982	1986353
K	273m N	Unspecified Works	1961	1971974
L	276m SE	Unspecified Works	1961	1891222
K	276m N	Unspecified Works	1982	1986041
L	277m SE	Brick Tile and Pottery Works	1932	1924068
L	277m SE	Brick Tile and Pottery Works	1938	1918985
4	277m N	Unspecified Works	1991	1971418



ID	Location	Land use	Dates present	Group ID
K	278m N	Unspecified Works	1976	1988912
L	281m SE	Brick Tile and Pottery Works	1910	1958038
5	282m SW	Unspecified Pit	1961	1904346
M	286m NE	Unspecified Works	1982	1958004
N	290m SE	Unspecified Ground Workings	1961	1964793
L	292m SE	Clay Pits	1932 - 1938	1955587
O	294m SE	Brick and Tile Works	1900	1955231
O	296m SE	Brick and Tile Kiln Works	1900	1900763
O	297m SE	Brick and Tile Works	1932	1980535
O	298m SE	Unspecified Works	1961	1891221
O	299m SE	Brick and Tile Works	1938	1931667
Q	301m NW	Brick and Tile Works	1910	1945913
6	301m S	Unspecified Heap	1938 - 1961	1927746
O	303m SE	Brick and Tile Works	1910	1998694
H	309m SW	Clay Pit	1961	1964418
M	318m NE	Unspecified Works	1976	1928678
7	318m E	Cycle Works	1900	1986648
K	333m N	Pulsometer Works	1932	1944261
K	333m N	Pulsometer Works	1938	1946061
Q	338m W	Brick and Tile Works	1900	1957688
Q	340m W	Brick and Tile Kiln Works	1900	1900762
S	349m SE	Unspecified Tanks	1900	1987916
L	352m SE	Unspecified Ground Workings	1910	1925651
S	354m SE	Tanks	1900	1892030
S	355m SE	Unspecified Tanks	1932	1947891
K	356m N	Iron Works	1910	1889518
K	366m NE	Burial Ground	1901	1913155
T	367m N	Burial Ground	1900	1957456



ID	Location	Land use	Dates present	Group ID
O	370m S	Unspecified Pit	1961	1964213
T	370m N	Burial Ground	1961	1968522
S	370m SE	Unspecified Tanks	1910	1945872
S	370m SE	Unspecified Tanks	1938	1960461
O	371m S	Unspecified Pits	1938	1908594
O	371m S	Unspecified Ground Workings	1932	1973904
T	372m N	Burial Ground	1900	1973676
T	373m N	Burial Ground	1910 - 1938	1993794
L	386m SE	Brick Tile and Pottery Works	1900	1999605
O	393m S	Unspecified Tank	1961	1996631
O	393m S	Unspecified Tanks	1932 - 1938	1918455
O	396m S	Unspecified Workings	1991	1891963
O	396m S	Unspecified Tank	1910	1987747
L	396m SE	Unspecified Ground Workings	1900	1953295
O	398m S	Unspecified Depot	1982 - 1991	1935421
O	404m S	Unspecified Tank	1961	1893263
S	409m SE	Unspecified Tank	1938	1893264
U	411m NW	Unspecified Pit	1932	1920664
U	414m NW	Old Gravel Pit	1900	1918552
U	415m NW	Unspecified Pit	1938	1949521
U	415m NW	Old Gravel Pit	1910	1952129
O	436m SE	Unspecified Pit	1910	1983623
Q	437m W	Unspecified Pits	1932	1919789
Q	438m W	Unspecified Ground Workings	1900	1992826
Q	438m W	Unspecified Ground Workings	1938	1956355
Q	440m W	Unspecified Ground Workings	1910	1930370
Q	441m W	Unspecified Pit	1900	1903157
Q	446m W	Unspecified Ground Workings	1961	1994969



ID	Location	Land use	Dates present	Group ID
L	467m SE	Unspecified Heap	1961	1895528
W	471m S	Miniature Rifle Range	1938 - 1961	1972675
W	472m SE	Miniature Rifle Range	1932	1921116
L	473m SE	Unspecified Tank	1938	1893265
13	475m S	Unspecified Ground Workings	1982 - 1991	1939232
X	481m NW	Unspecified Tank	1961	1977455
X	481m NW	Unspecified Tank	1932 - 1938	1938513

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

19

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
G	244m S	Unspecified Tank	1932	322366
8	338m SE	Unspecified Tank	1932	322367
S	354m SE	Tanks	1899 - 1911	334688
K	374m N	Unspecified Tank	1913	322358
K	375m N	Unspecified Tank	1969 - 1982	331675
S	390m SE	Tanks	1932	317400
O	395m S	Unspecified Tank	1899 - 1911	334214
O	396m S	Tanks	1932	317401
N	396m SE	Unspecified Tank	1911	322364
S	408m SE	Unspecified Tank	1932	341354
S	411m SE	Unspecified Tank	1961	343587



ID	Location	Land use	Dates present	Group ID
S	412m SE	Unspecified Tank	1962	344136
S	417m SE	Unspecified Tank	1911	322359
L	471m SE	Unspecified Tank	1911 - 1932	335726
X	476m NW	Unspecified Tank	1897	343492
X	478m NW	Unspecified Tank	1934 - 1936	329573
X	478m NW	Unspecified Tank	1897	343159
L	496m SE	Unspecified Tank	1911	322360
L	497m SE	Unspecified Tank	1911	322363

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

27

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
B	44m N	Electricity Substation	1993	207583
C	46m S	Electricity Substation	1971 - 1987	222936
B	51m N	Electricity Substation	1971 - 1987	213047
C	61m S	Electricity Substation	1993	207586
D	84m E	Electricity Substation	1990 - 1994	220168
D	85m E	Electricity Substation	1970	233407
1	160m N	Electricity Substation	1970 - 1994	225070
F	169m S	Electricity Substation	1971 - 1993	232137
2	173m SW	Electricity Substation	1971 - 1993	225049
3	194m SE	Electricity Substation	1981 - 1993	211441



ID	Location	Land use	Dates present	Group ID
I	239m W	Electricity Substation	1993	207584
I	242m W	Electricity Substation	1971 - 1987	221308
J	290m NE	Electricity Substation	1994	207562
P	300m NW	Electricity Substation	1967	207573
P	307m N	Electricity Substation	1987 - 1993	226164
P	309m N	Electricity Substation	1971	226622
R	319m W	Electricity Substation	1971 - 1987	213260
R	323m SW	Electricity Substation	1993	207585
9	343m SE	Electricity Substation	1981 - 1993	232225
S	406m SE	Electricity Substation	1981 - 1993	225672
10	428m N	Electricity Substation	1982 - 1993	213079
11	430m S	Electricity Substation	1971 - 1993	214479
V	462m NW	Electricity Substation	1993	223788
V	464m NW	Electricity Substation	1967 - 1971	218202
O	465m S	Electricity Substation	1971 - 1981	231797
V	467m NW	Electricity Substation	1987	219421
12	469m NE	Electricity Substation	1994	207561

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**3**

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
14	491m NE	Garage	1973	72323
Y	492m NE	Garage	1960 - 1973	71317
Y	493m NE	Garage	1973	68490

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

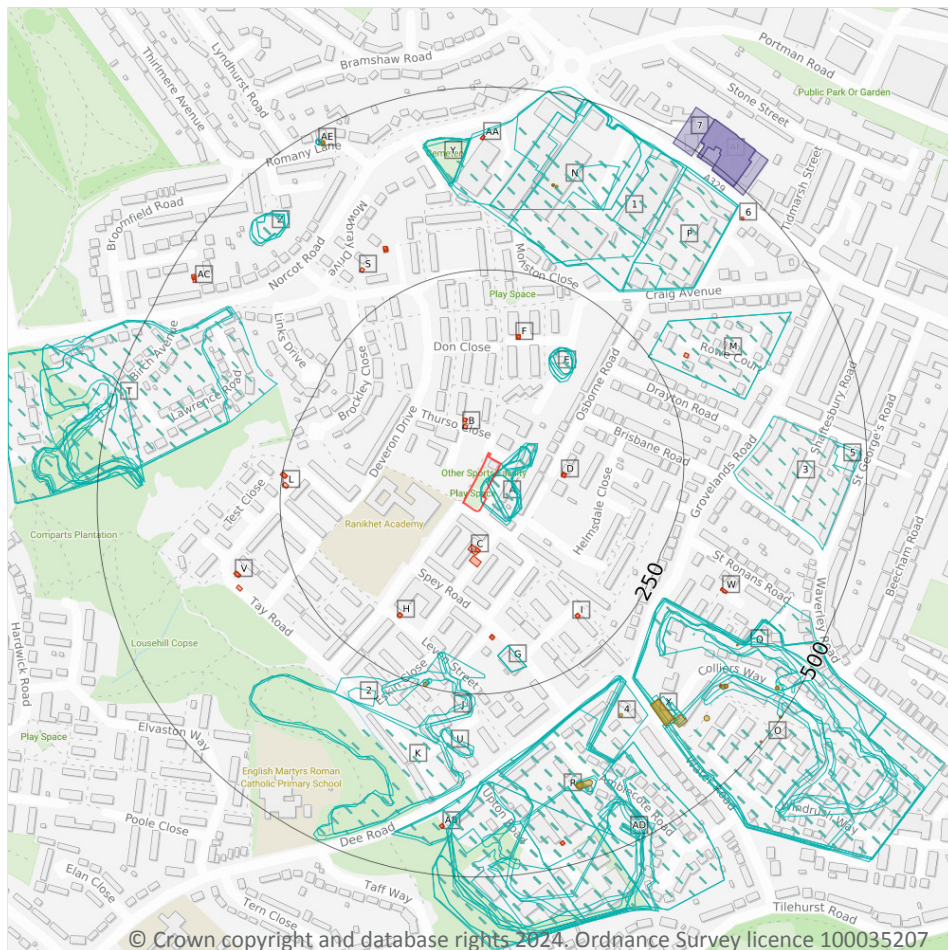
Records within 500m**0**

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

115

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 Pit	1938	1925519
A	On site	Old Gravel Pits	1900	1999364
A	On site	Unspecified Pit	1961	1925519



ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Pits	1932	1945597
A	On site	Old Gravel Pits	1910	1982487
A	On site	Old Gravel Pits	1900	1958226
A	On site	Unspecified Pits	1932	1945597
A	2m NE	Unspecified Pit	1961	1904345
A	6m NE	Unspecified Ground Workings	1938	1880712
E	136m NE	Old Gravel Pit	1900	1942565
E	141m NE	Unspecified Pit	1938	1930855
E	141m NE	Old Gravel Pit	1910	1919150
E	141m NE	Old Gravel Pit	1900	1915573
E	145m NE	Unspecified Pit	1961	1920335
E	148m NE	Unspecified Pit	1932	1950817
E	148m NE	Unspecified Pit	1932	1950817
G	188m S	Fire Station	1991	1946274
G	188m S	Fire Station	1982	1946274
G	188m S	Fire Station	1976	1996998
J	198m S	Unspecified Ground Workings	1961	1880207
K	198m S	Clay Pit	1938	1945329
K	198m S	Clay Pit	1932	1929281
J	237m S	Unspecified Tank	1932	1951467
J	240m S	Unspecified Tank	1961	1923069
J	241m S	Unspecified Tank	1938	1951467
J	243m S	Unspecified Heap	1961	1895527
M	249m NE	Unspecified Depot	1982	1986353
M	249m NE	Unspecified Depot	1976	1917430
N	273m N	Unspecified Works	1961	1971974
O	276m SE	Unspecified Works	1961	1891222
N	276m N	Unspecified Works	1982	1986041



ID	Location	Land Use	Date	Group ID
O	277m SE	Brick Tile and Pottery Works	1932	1924068
O	277m SE	Brick Tile and Pottery Works	1932	1924068
O	277m SE	Brick Tile and Pottery Works	1938	1918985
1	277m N	Unspecified Works	1991	1971418
N	278m N	Unspecified Works	1976	1988912
O	281m SE	Brick Tile and Pottery Works	1910	1958038
2	282m SW	Unspecified Pit	1961	1904346
P	286m NE	Unspecified Works	1982	1958004
Q	290m SE	Unspecified Ground Workings	1961	1964793
O	292m SE	Clay Pits	1938	1955587
R	294m SE	Brick and Tile Works	1900	1955231
O	294m SE	Clay Pits	1932	1955587
R	296m SE	Brick and Tile Kiln Works	1900	1900763
R	297m SE	Brick and Tile Works	1932	1980535
R	297m SE	Brick and Tile Works	1932	1980535
R	298m SE	Unspecified Works	1961	1891221
R	299m SE	Brick and Tile Works	1938	1931667
T	301m NW	Brick and Tile Works	1910	1945913
U	301m S	Unspecified Heap	1961	1927746
U	302m S	Unspecified Heap	1938	1927746
R	303m SE	Brick and Tile Works	1910	1998694
K	309m SW	Clay Pit	1961	1964418
P	318m NE	Unspecified Works	1976	1928678
3	318m E	Cycle Works	1900	1986648
N	333m N	Pulsometer Works	1938	1946061
N	333m N	Pulsometer Works	1932	1944261
T	338m W	Brick and Tile Works	1900	1957688
T	340m W	Brick and Tile Kiln Works	1900	1900762



ID	Location	Land Use	Date	Group ID
X	349m SE	Unspecified Tanks	1900	1987916
O	352m SE	Unspecified Ground Workings	1910	1925651
X	354m SE	Tanks	1900	1892030
X	355m SE	Unspecified Tanks	1932	1947891
N	356m N	Iron Works	1910	1889518
N	366m NE	Burial Ground	1901	1913155
Y	367m N	Burial Ground	1900	1957456
R	370m S	Unspecified Pit	1961	1964213
Y	370m N	Burial Ground	1961	1968522
X	370m SE	Unspecified Tanks	1938	1960461
X	370m SE	Unspecified Tanks	1910	1945872
R	371m S	Unspecified Pits	1938	1908594
R	371m S	Unspecified Ground Workings	1932	1973904
R	371m S	Unspecified Ground Workings	1932	1973904
Y	372m N	Burial Ground	1900	1973676
Y	373m N	Burial Ground	1938	1993794
Y	373m N	Burial Ground	1932	1993794
Y	373m N	Burial Ground	1910	1993794
O	386m SE	Brick Tile and Pottery Works	1900	1999605
O	391m SE	Brick Tile and Pottery Works	1900	1999605
R	393m S	Unspecified Tank	1961	1996631
R	393m S	Unspecified Tanks	1932	1918455
R	396m S	Unspecified Workings	1991	1891963
R	396m S	Unspecified Tank	1910	1987747
R	396m S	Unspecified Tanks	1938	1918455
O	396m SE	Unspecified Ground Workings	1900	1953295
R	398m S	Unspecified Depot	1982	1935421
O	401m SE	Unspecified Ground Workings	1900	1953295



ID	Location	Land Use	Date	Group ID
R	404m S	Unspecified Tank	1961	1893263
X	409m SE	Unspecified Tank	1938	1893264
Z	411m NW	Unspecified Pit	1932	1920664
Z	411m NW	Unspecified Pit	1932	1920664
Z	414m NW	Old Gravel Pit	1900	1918552
Z	415m NW	Unspecified Pit	1938	1949521
Z	415m NW	Old Gravel Pit	1910	1952129
Z	415m NW	Old Gravel Pit	1900	1918552
R	428m S	Unspecified Depot	1991	1935421
R	436m SE	Unspecified Pit	1910	1983623
T	437m W	Unspecified Pits	1932	1919789
T	437m W	Unspecified Pits	1932	1919789
T	438m W	Unspecified Ground Workings	1900	1992826
T	438m W	Unspecified Ground Workings	1938	1956355
T	440m W	Unspecified Ground Workings	1910	1930370
T	441m W	Unspecified Pit	1900	1903157
T	446m W	Unspecified Ground Workings	1961	1994969
5	455m E	Cycle Works	1900	1986648
O	467m SE	Unspecified Heap	1961	1895528
AD	471m S	Miniature Rifle Range	1961	1972675
AD	472m SE	Miniature Rifle Range	1932	1921116
O	473m SE	Unspecified Tank	1938	1893265
AD	473m S	Miniature Rifle Range	1938	1972675
R	475m S	Unspecified Ground Workings	1991	1939232
R	475m S	Unspecified Ground Workings	1982	1939232
AE	481m NW	Unspecified Tank	1961	1977455
AE	481m NW	Unspecified Tank	1938	1938513
AE	481m NW	Unspecified Tank	1932	1938513

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

25

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
J	244m S	Unspecified Tank	1932	322366
4	338m SE	Unspecified Tank	1932	322367
X	354m SE	Tanks	1899	334688
X	354m SE	Tanks	1911	334688
N	374m N	Unspecified Tank	1913	322358
N	375m N	Unspecified Tank	1973	331675
N	375m N	Unspecified Tank	1982	331675
N	375m N	Unspecified Tank	1969	331675
X	390m SE	Tanks	1932	317400
R	395m S	Unspecified Tank	1899	334214
R	395m S	Unspecified Tank	1911	334214
R	396m S	Tanks	1932	317401
Q	396m SE	Unspecified Tank	1911	322364
X	408m SE	Unspecified Tank	1932	341354
X	411m SE	Unspecified Tank	1961	343587
X	412m SE	Unspecified Tank	1962	344136
X	417m SE	Unspecified Tank	1911	322359
O	471m SE	Unspecified Tank	1911	335726
O	471m SE	Unspecified Tank	1932	335726
AE	476m NW	Unspecified Tank	1897	343492
AE	478m NW	Unspecified Tank	1934	329573
AE	478m NW	Unspecified Tank	1936	329573
AE	478m NW	Unspecified Tank	1897	343159



ID	Location	Land Use	Date	Group ID
O	496m SE	Unspecified Tank	1911	322360
O	497m SE	Unspecified Tank	1911	322363

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

46

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
B	44m N	Electricity Substation	1993	207583
C	46m S	Electricity Substation	1987	222936
C	50m S	Electricity Substation	1971	222936
B	51m N	Electricity Substation	1971	213047
B	53m N	Electricity Substation	1987	213047
C	61m S	Electricity Substation	1993	207586
D	84m E	Electricity Substation	1990	220168
D	84m E	Electricity Substation	1991	220168
D	85m E	Electricity Substation	1970	233407
D	85m E	Electricity Substation	1994	220168
F	160m N	Electricity Substation	1970	225070
F	161m N	Electricity Substation	1990	225070
F	161m N	Electricity Substation	1991	225070
F	162m N	Electricity Substation	1994	225070
G	169m S	Electricity Substation	1971	232137
G	170m S	Electricity Substation	1993	232137
H	173m SW	Electricity Substation	1971	225049
H	173m SW	Electricity Substation	1993	225049



ID	Location	Land Use	Date	Group ID
I	194m SE	Electricity Substation	1993	211441
I	194m SE	Electricity Substation	1981	211441
L	239m W	Electricity Substation	1993	207584
L	242m W	Electricity Substation	1971	221308
L	244m W	Electricity Substation	1987	221308
M	290m NE	Electricity Substation	1994	207562
S	300m NW	Electricity Substation	1967	207573
S	307m N	Electricity Substation	1993	226164
S	309m N	Electricity Substation	1971	226622
S	311m N	Electricity Substation	1987	226164
V	319m W	Electricity Substation	1971	213260
V	321m W	Electricity Substation	1987	213260
V	323m SW	Electricity Substation	1993	207585
W	343m SE	Electricity Substation	1993	232225
W	344m SE	Electricity Substation	1981	232225
X	406m SE	Electricity Substation	1993	225672
X	407m SE	Electricity Substation	1981	225672
AA	428m N	Electricity Substation	1993	213079
AA	428m N	Electricity Substation	1982	213079
AB	430m S	Electricity Substation	1971	214479
AB	430m S	Electricity Substation	1993	214479
AC	462m NW	Electricity Substation	1993	223788
AC	464m NW	Electricity Substation	1967	218202
AC	464m NW	Electricity Substation	1971	218202
R	465m S	Electricity Substation	1981	231797
R	465m S	Electricity Substation	1971	231797
AC	467m NW	Electricity Substation	1987	219421
6	469m NE	Electricity Substation	1994	207561

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**6**

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'.

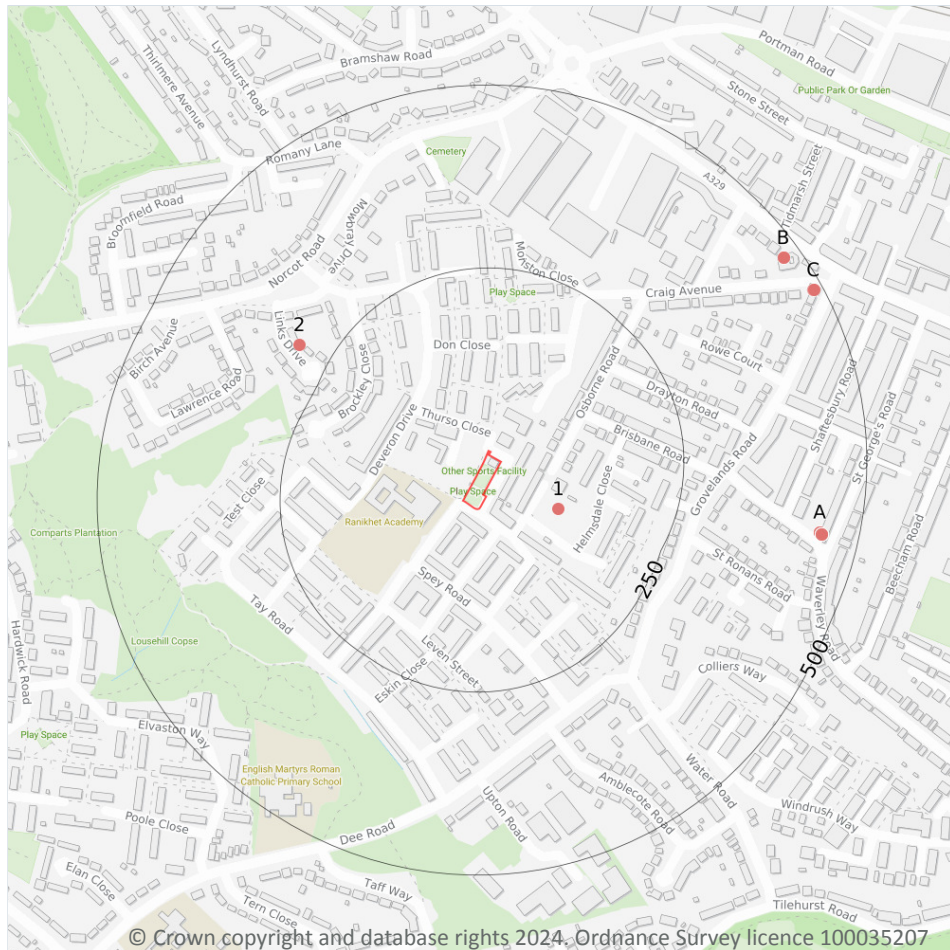
Features are displayed on the Past land use - un-grouped map on [page 23 >](#)

ID	Location	Land Use	Date	Group ID
7	491m NE	Garage	1973	72323
AF	492m NE	Garage	1973	71317
AF	492m NE	Garage	1960	71317
AF	493m NE	Garage	1961	71317
AF	493m NE	Garage	1969	71317
AF	493m NE	Garage	1973	68490

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



— Site Outline
Search buffers in metres (m)
● 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**0**

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.

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

3.5 Historical waste sites

Records within 500m**0**

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

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

3.6 Licensed waste sites

Records within 500m**0**

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

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

3.7 Waste exemptions

Records within 500m**28**

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 32](#) >

ID	Location	Site	Reference	Category	Sub-Category	Description
1	100m E	Willmott Dixon Site Office Arbroath Road Reading Rg30 4ef	EPR/XF0804HC /A001	Using waste exemption	Non- agricultura l waste only	Use of waste in construction
2	296m NW	Open Space (Grassland), Links Drive, Reading, Rg30 4yt	WEX171056	Using waste exemption	Not on a farm	Use of waste in construction
A	446m E	128 St. Georges Road Reading Rg30 2rh	EPR/GH0371B K/A001	Disposing of waste exemption	Non- agricultura l waste only	Burning waste in the open
A	446m E	128 St. Georges Road Reading Rg30 2rh	EPR/GH0371B K/A001	Disposing of waste exemption	Non- agricultura l waste only	Disposal by incineration
A	446m E	128 St. Georges Road Reading Rg30 2rh	EPR/GH0371B K/A001	Storing waste exemption	Non- agricultura l waste only	Storage of waste in a secure place
A	446m E	128 St. Georges Road Reading Rg30 2rh	EPR/GH0371B K/A001	Treating waste exemption	Non- agricultura l waste only	Aerobic composting and associated prior treatment
A	446m E	128 St. Georges Road Reading Rg30 2rh	EPR/GH0371B K/A001	Using waste exemption	Non- agricultura l waste only	Use of waste in construction
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX197454	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX197454	Using waste exemption	Not on a farm	Use of waste in construction
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX197454	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX197454	Using waste exemption	Not on a farm	Incorporation of ash into soil
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX197454	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX197454	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment

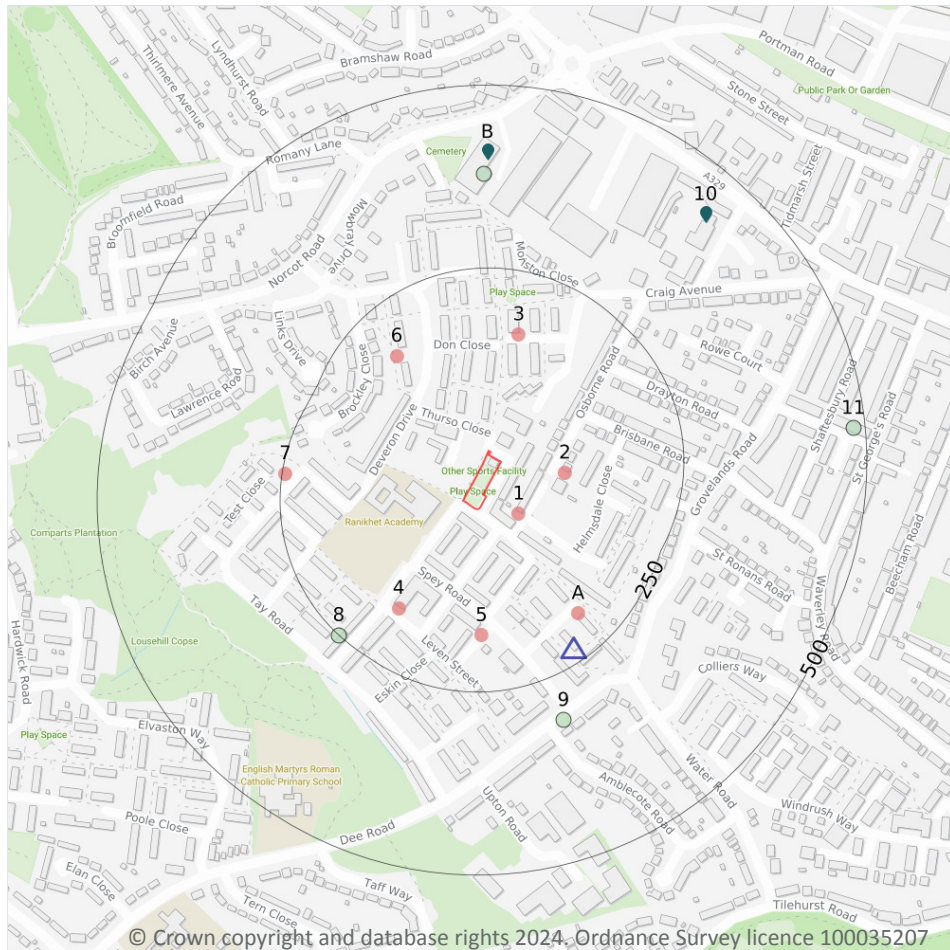


ID	Location	Site	Reference	Category	Sub-Category	Description
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX197454	Using waste exemption	Not on a farm	Use of mulch
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX197454	Disposing of waste exemption	Not on a farm	Burning waste in the open
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX023576	Disposing of waste exemption	Not on a farm	Burning waste in the open
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX023576	Using waste exemption	Not on a farm	Use of mulch
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX023576	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX023576	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX023576	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX023576	Using waste exemption	Not on a farm	Use of waste in construction
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX023576	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
A	449m E	128, St. Georges Road, Reading, Rg30 2rh	WEX023576	Using waste exemption	Not on a farm	Incorporation of ash into soil
B	475m NE	701, Oxford Road, Reading, Rg30 1hg	WEX233815	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	475m NE	-	WEX359117	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	475m NE	701, Oxford Road, Reading, Rg30 1hg	WEX090352	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
C	486m NE	2 Grovelands Road Reading Berkshire Rg30 2ny	EPR/JE5280PY /A001	Treating waste exemption	Non-agricultural waste only	Sorting and de-naturing of controlled drugs for disposal
C	487m NE	2, Grovelands Road, Reading, Rg30 2ny	WEX018359	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

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
- Licensed pollutant release (Part A(2)/B)
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

8

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 36](#) >

ID	Location	Company	Address	Activity	Category
1	50m SE	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities
2	89m E	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities
3	165m N	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
4	171m SW	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities
5	172m S	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities
6	181m NW	Gas Governor	Berkshire, RG30	Gas Features	Infrastructure and Facilities
A	197m SE	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities
7	246m W	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	1
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 36 >](#)

ID	Location	Company	Address	LPG	Status
A	229m SE	OBSOLETE	Spey Road, Tilehurst, Reading, Reading, RG30 4DQ	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.



4.5 Sites determined as Contaminated Land

Records within 500m**0**

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**0**

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.

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**0**

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.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m**0**

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.

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



4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

2

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 36 >](#)

ID	Location	Address	Details	
B	408m N	Autotech Reading Ltd, Unit 1, Sterling Way, Norcot Way Industrial Estate, Reading, RG30 6HW	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
10	438m NE	The Berkshire Printing Co Ltd, Oxford Road, RG3 1JB	Process: Printing Status: Historical 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

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

0

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

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**0**

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m**0**

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.

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

4.17 List 2 Dangerous Substances

Records within 500m**0**

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.

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 36 >](#)

ID	Location	Details	
8	250m SW	Incident Date: 15/07/2002 Incident Identification: 91552 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	311m S	Incident Date: 13/09/2001 Incident Identification: 30573 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	379m N	Incident Date: 13/11/2001 Incident Identification: 42723 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
11	484m E	Incident Date: 07/06/2002 Incident Identification: 83482 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	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
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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
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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

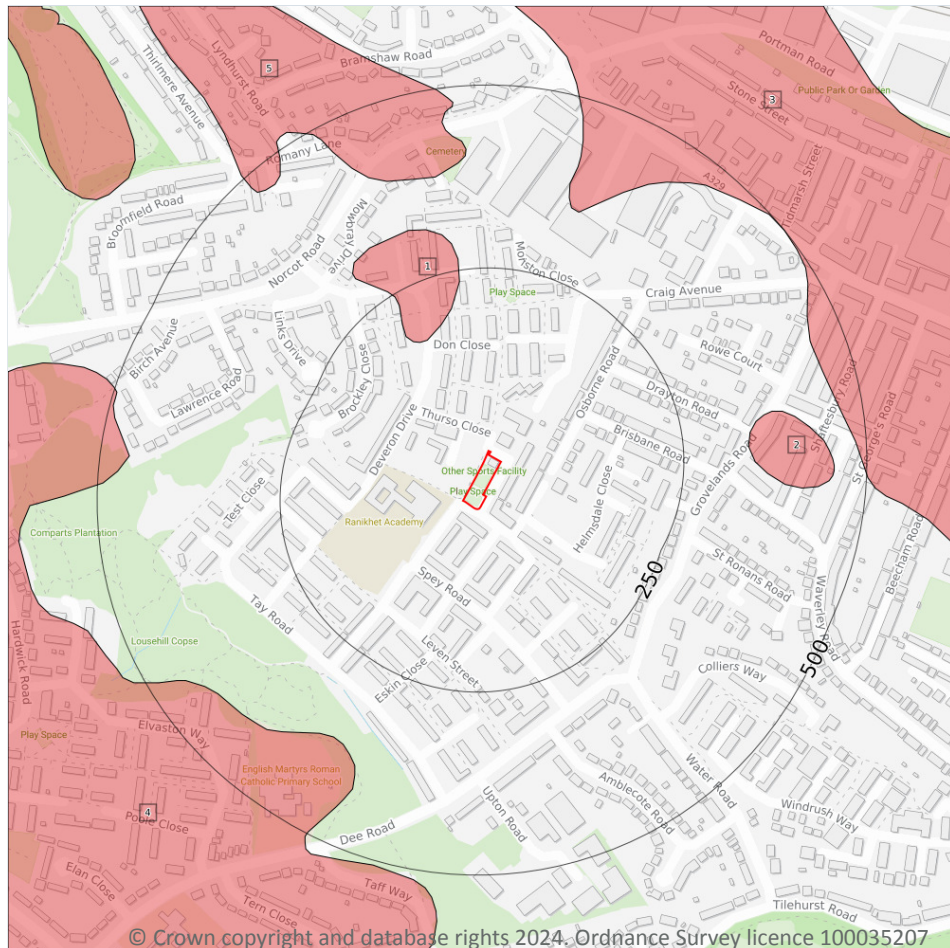
Records within 500m	0
---------------------	---

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

5

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 43 >](#)

ID	Location	Designation	Description
1	173m N	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
2	339m E	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

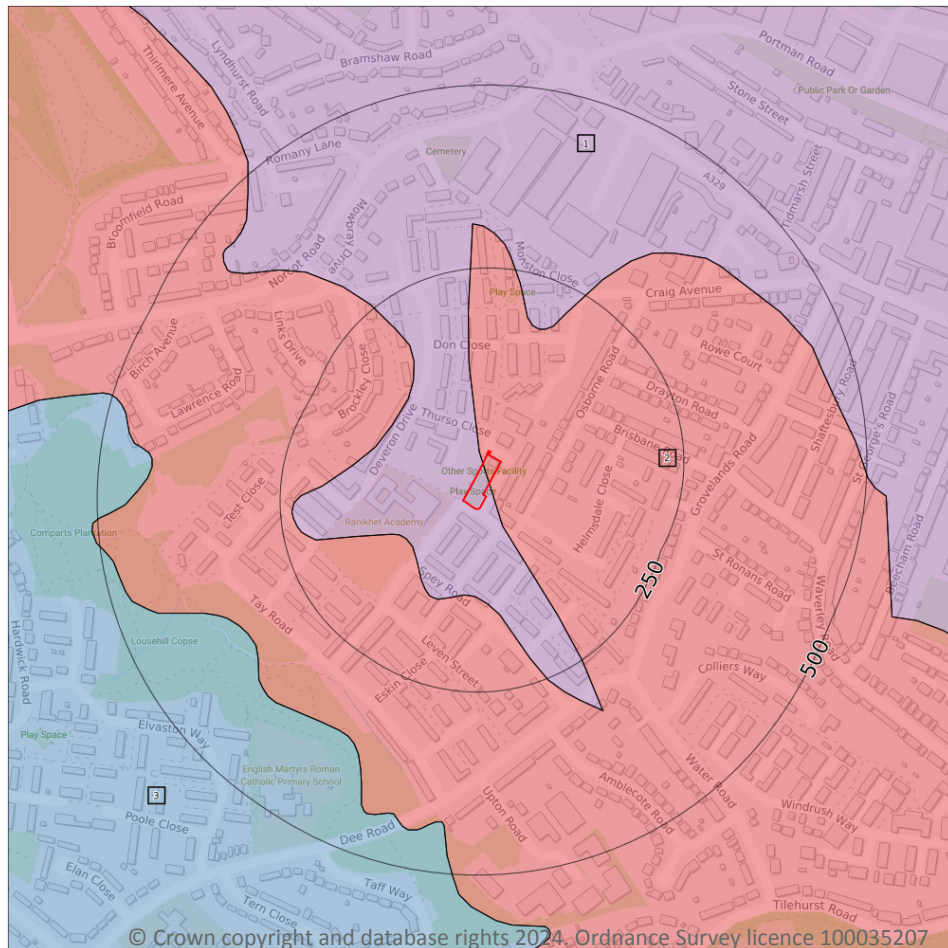


ID	Location	Designation	Description
3	349m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	367m SW	Secondary 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
5	381m N	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

3

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 45](#) >

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
2	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

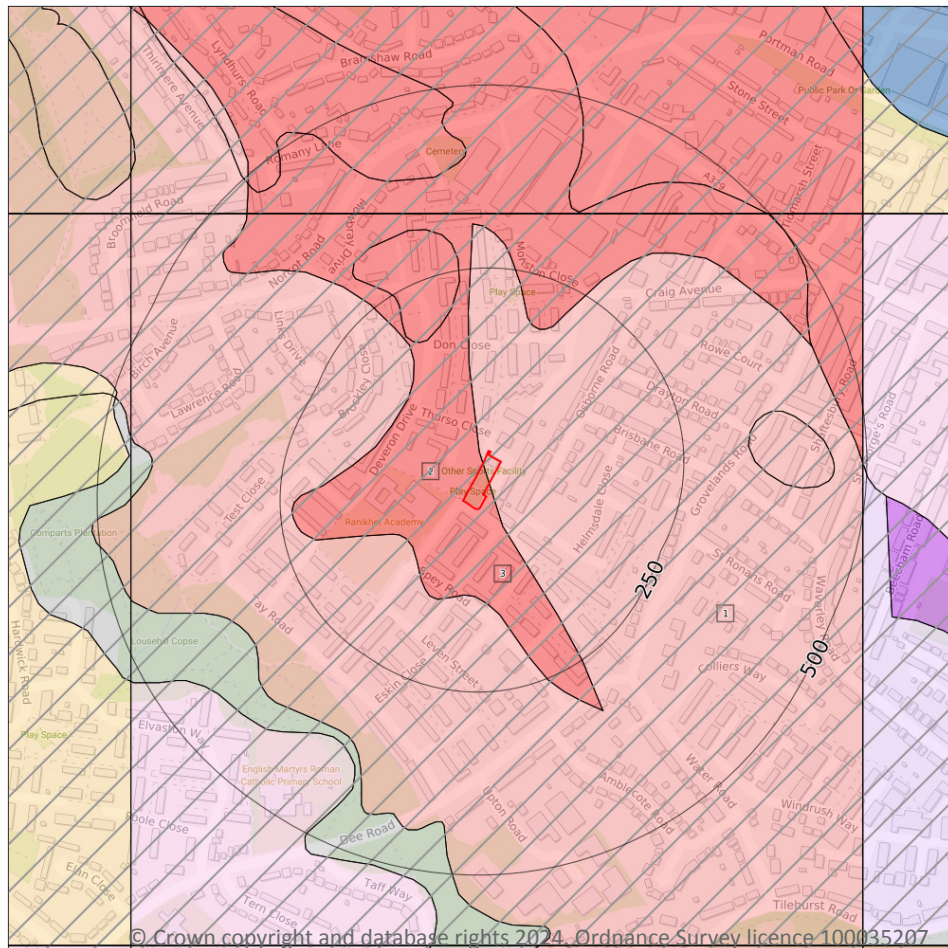


ID	Location	Designation	Description
3	345m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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



Groundwater vulnerability



— Site Outline

Search buffers in metres (m)

Superficial vulnerability

- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability

- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m

2

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 47](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High 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
------------------------	----------

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
3	Very significant soluble rocks are likely to be present with a high possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, especially in adverse conditions such as concentrated surface or subsurface water flow.	2.0%

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

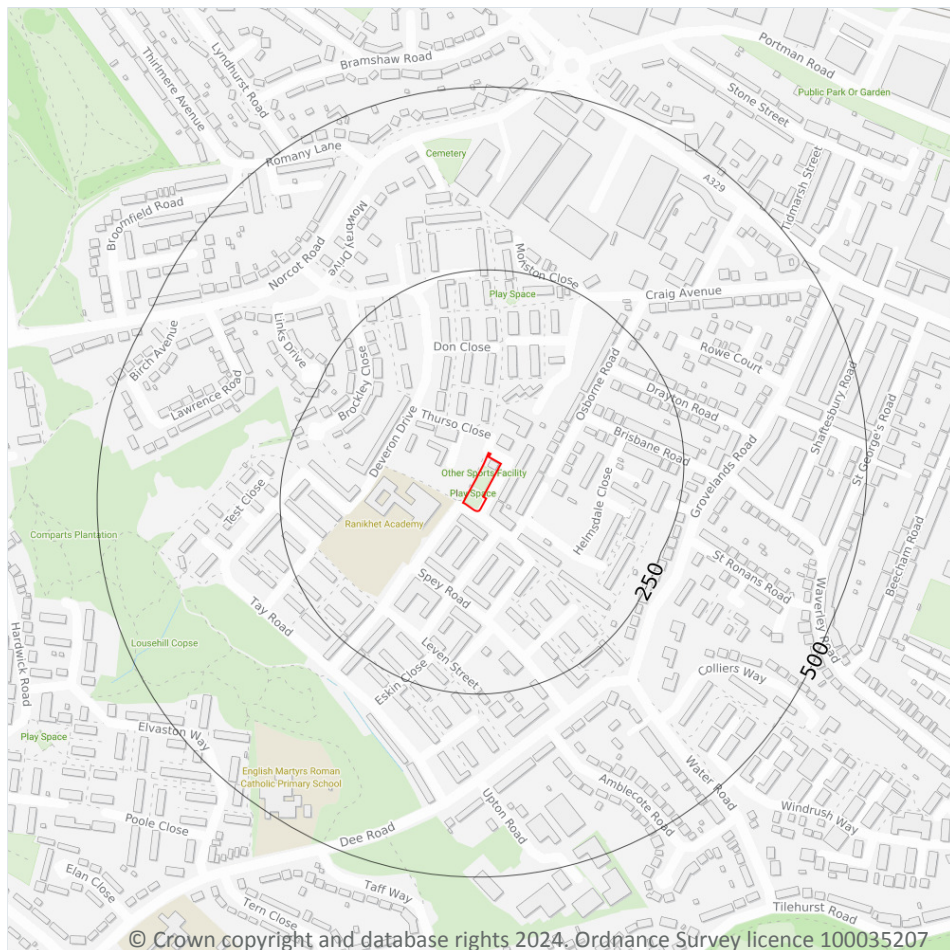
5.5 Groundwater vulnerability- local information

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

15

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 49](#) >

ID	Location	Details	
-	851m N	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: -
-	851m N	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: -
-	921m NE	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: -
-	921m NE	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: -
-	1108m NE	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	
-	1131m NE	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): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	1316m E	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: -
-	1405m NE	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHM'S FARM, READING (B) Data Type: Point Name: DRAYTON Easting: 469700 Northing: 174400	Annual Volume (m ³): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	1405m NE	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): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	1646m N	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	
-	1658m NE	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: -
-	1670m SW	Status: Active Licence No: 28/39/22/0127 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: CALCOT PARK, READING Data Type: Point Name: CALCOT PARK GOLF CLUB LTD Easting: 467300 Northing: 172400	Annual Volume (m ³): 8500 Max Daily Volume (m ³): 55 Original Application No: NPS/WR/036724 Original Start Date: 13/06/1966 Expiry Date: - Issue No: 103 Version Start Date: 21/02/2023 Version End Date: -
-	1718m E	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): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	1850m NE	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): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	1945m E	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): 6682 Max Daily Volume (m ³): 27.28 Original Application No: WR.A/4547 Original Start Date: 22/01/1975 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -

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



5.7 Surface water abstractions

Records within 2000m

0

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.

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

5.8 Potable abstractions

Records within 2000m

3

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 49 >](#)

ID	Location	Details	
-	851m N	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 (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 30/09/1994 Expiry Date: - Issue No: 100 Version Start Date: 30/09/1994 Version End Date: -
-	921m NE	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 (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 14/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1992 Version End Date: -

