

APPENDIX II

Environmental and geological datasheets

LAND TO THE REAR OF 313, OXFORD ROAD, READING, RG30 1AU

Order Details

Date: 06/07/2021
Your ref: CL-3194-MF
Our Ref: GS-8017235
Client: Apple Environmental Ltd

Site Details

Location: 470146 173410
Area: 0.18 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	Historical industrial land uses	0	0	17	53	-
17	1.2	Historical tanks	0	0	3	10	-
18	1.3	Historical energy features	0	0	6	19	-
19	1.4	Historical petrol stations	1	0	1	0	-
20	1.5	Historical garages	0	1	0	6	-
20	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
21	2.1	Historical industrial land uses	0	0	26	72	-
25	2.2	Historical tanks	0	0	3	15	-
26	2.3	Historical energy features	0	0	10	34	-
28	2.4	Historical petrol stations	1	0	1	0	-
28	2.5	Historical garages	0	1	0	9	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
30	3.1	Active or recent landfill	0	0	0	0	-
30	3.2	Historical landfill (BGS records)	0	0	0	0	-
31	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
31	3.4	Historical landfill (EA/NRW records)	0	0	0	1	-
31	3.5	Historical waste sites	0	0	0	0	-
31	3.6	Licensed waste sites	0	0	0	5	-
33	3.7	Waste exemptions	0	5	1	9	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
35	4.1	Recent industrial land uses	0	1	9	-	-
36	4.2	Current or recent petrol stations	0	0	0	2	-
37	4.3	Electricity cables	0	0	0	0	-
37	4.4	Gas pipelines	0	0	0	0	-
37	4.5	Sites determined as Contaminated Land	0	0	0	1	-



37	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	<u>Historical licensed industrial activities (IPC)</u>	0	0	0	3	-
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	1	1	-
39	4.12	<u>Radioactive Substance Authorisations</u>	0	0	0	1	-
40	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	1	-
40	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
40	4.15	<u>Pollutant release to public sewer</u>	0	0	0	1	-
41	4.16	List 1 Dangerous Substances	0	0	0	0	-
41	4.17	List 2 Dangerous Substances	0	0	0	0	-
41	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	0	1	-
42	4.19	Pollution inventory substances	0	0	0	0	-
42	4.20	Pollution inventory waste transfers	0	0	0	0	-
42	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	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	20
54	5.7	<u>Surface water abstractions</u>	0	0	0	0	5
55	5.8	<u>Potable abstractions</u>	0	0	0	0	6
57	5.9	Source Protection Zones	0	0	0	0	-
57	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
58	6.1	Water Network (OS MasterMap)	0	0	0	-	-



58	6.2	Surface water features	0	0	0	-	-
59	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
59	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
60	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
61	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
62	7.2	<u>Historical Flood Events</u>	0	0	1	-	-
62	7.3	Flood Defences	0	0	0	-	-
62	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
62	7.5	Flood Storage Areas	0	0	0	-	-
63	7.6	Flood Zone 2	None (within 50m)				
63	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
64	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
66	9.1	<u>Groundwater flooding</u>	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
67	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
68	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
68	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
68	10.4	Special Protection Areas (SPA)	0	0	0	0	0
68	10.5	National Nature Reserves (NNR)	0	0	0	0	0
69	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	2
69	10.7	Designated Ancient Woodland	0	0	0	0	0
69	10.8	Biosphere Reserves	0	0	0	0	0
69	10.9	Forest Parks	0	0	0	0	0
70	10.10	Marine Conservation Zones	0	0	0	0	0
70	10.11	Green Belt	0	0	0	0	0
70	10.12	Proposed Ramsar sites	0	0	0	0	0



70	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
70	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
71	10.15	Nitrate Sensitive Areas	0	0	0	0	0
71	10.16	<u>Nitrate Vulnerable Zones</u>	1	0	0	0	0
72	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
73	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
74	11.1	World Heritage Sites	0	0	0	-	-
74	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
74	11.3	National Parks	0	0	0	-	-
74	11.4	Listed Buildings	0	0	0	-	-
75	11.5	Conservation Areas	0	0	0	-	-
75	11.6	Scheduled Ancient Monuments	0	0	0	-	-
75	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
76	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
77	12.2	Open Access Land	0	0	0	-	-
77	12.3	Tree Felling Licences	0	0	0	-	-
77	12.4	Environmental Stewardship Schemes	0	0	0	-	-
77	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
78	13.1	Priority Habitat Inventory	0	0	0	-	-
78	13.2	Habitat Networks	0	0	0	-	-
78	13.3	Open Mosaic Habitat	0	0	0	-	-
78	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
79	14.1	<u>10k Availability</u>	Identified (within 500m)				
80	14.2	<u>Artificial and made ground (10k)</u>	0	0	2	4	-
82	14.3	<u>Superficial geology (10k)</u>	1	0	2	4	-

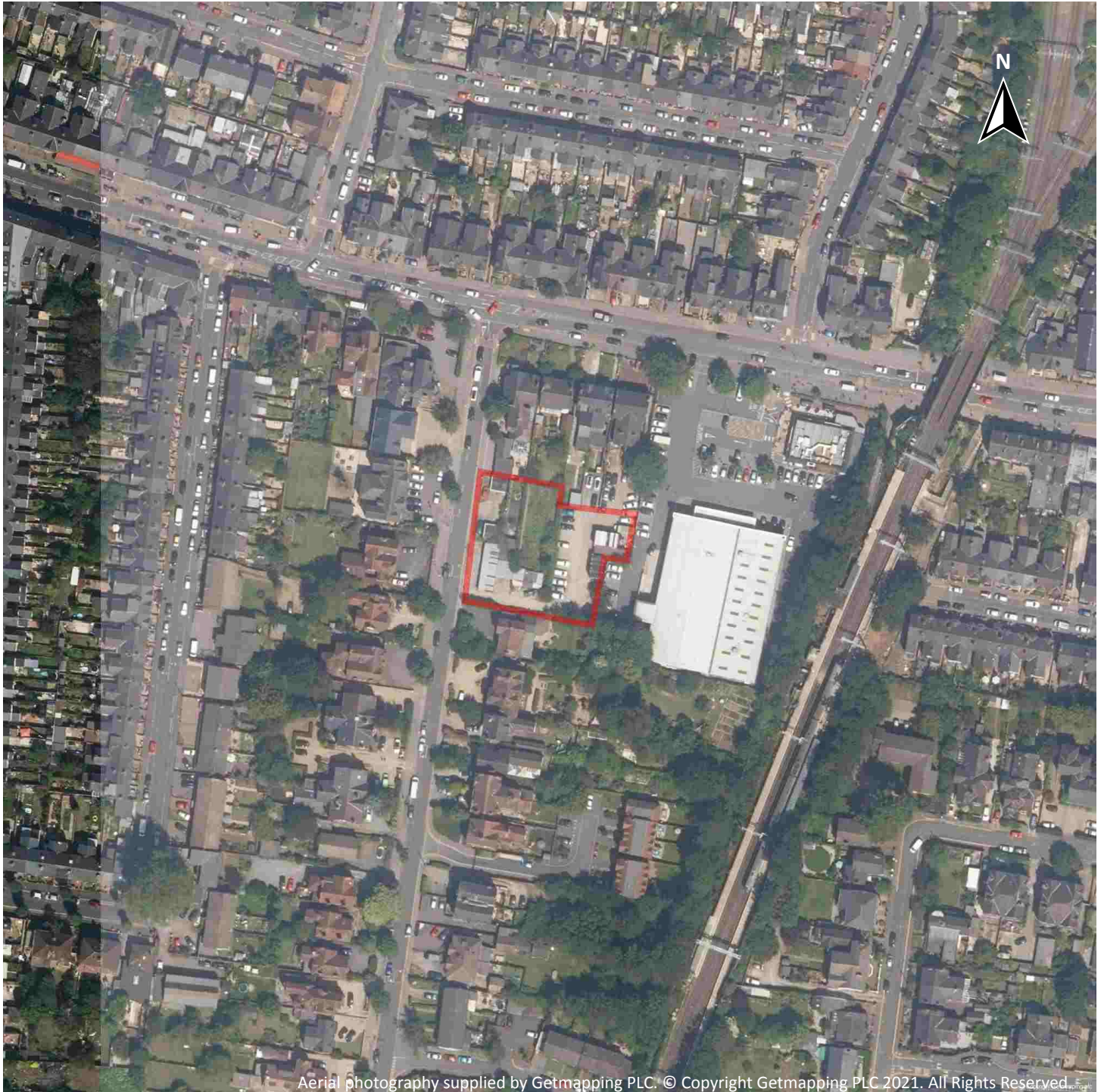


83	14.4	Landslip (10k)	0	0	0	0	-
84	14.5	<u>Bedrock geology (10k)</u>	1	0	2	1	-
85	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
86	15.1	<u>50k Availability</u>	Identified (within 500m)				
87	15.2	<u>Artificial and made ground (50k)</u>	0	0	0	1	-
88	15.3	Artificial ground permeability (50k)	0	0	-	-	-
89	15.4	<u>Superficial geology (50k)</u>	1	0	1	2	-
90	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
90	15.6	Landslip (50k)	0	0	0	0	-
90	15.7	Landslip permeability (50k)	None (within 50m)				
91	15.8	<u>Bedrock geology (50k)</u>	1	0	1	0	-
92	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
92	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
93	16.1	<u>BGS Boreholes</u>	0	0	3	-	-
Page	Section	Natural ground subsidence					
95	17.1	<u>Shrink swell clays</u>	Negligible (within 50m)				
96	17.2	<u>Running sands</u>	Very low (within 50m)				
97	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
98	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
99	17.5	<u>Landslides</u>	Very low (within 50m)				
100	17.6	<u>Ground dissolution of soluble rocks</u>	Low (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
102	18.1	<u>Natural cavities</u>	0	0	3	3	-
103	18.2	<u>BritPits</u>	0	0	0	2	-
104	18.3	<u>Surface ground workings</u>	0	0	12	-	-
105	18.4	Underground workings	0	0	0	0	0
105	18.5	Historical Mineral Planning Areas	0	0	0	0	-



<u>105</u>	<u>18.6</u>	<u>Non-coal mining</u>	1	0	1	2	27
<u>108</u>	<u>18.7</u>	<u>Mining cavities</u>	0	0	1	2	14
<u>109</u>	<u>18.8</u>	<u>JPB mining areas</u>	Identified (within 0m)				
110	18.9	Coal mining	None (within 0m)				
110	18.10	Brine areas	None (within 0m)				
110	18.11	Gypsum areas	None (within 0m)				
110	18.12	Tin mining	None (within 0m)				
111	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
<u>112</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>113</u>	<u>20.1</u>	<u>BGS Estimated Background Soil Chemistry</u>	1	0	-	-	-
113	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
113	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
114	21.1	Underground railways (London)	0	0	0	-	-
114	21.2	Underground railways (Non-London)	0	0	0	-	-
115	21.3	Railway tunnels	0	0	0	-	-
<u>115</u>	<u>21.4</u>	<u>Historical railway and tunnel features</u>	0	0	17	-	-
116	21.5	Royal Mail tunnels	0	0	0	-	-
116	21.6	Historical railways	0	0	0	-	-
<u>116</u>	<u>21.7</u>	<u>Railways</u>	0	0	25	-	-
117	21.8	Crossrail 1	0	0	0	0	-
117	21.9	Crossrail 2	0	0	0	0	-
118	21.10	HS2	0	0	0	0	-

Recent aerial photograph



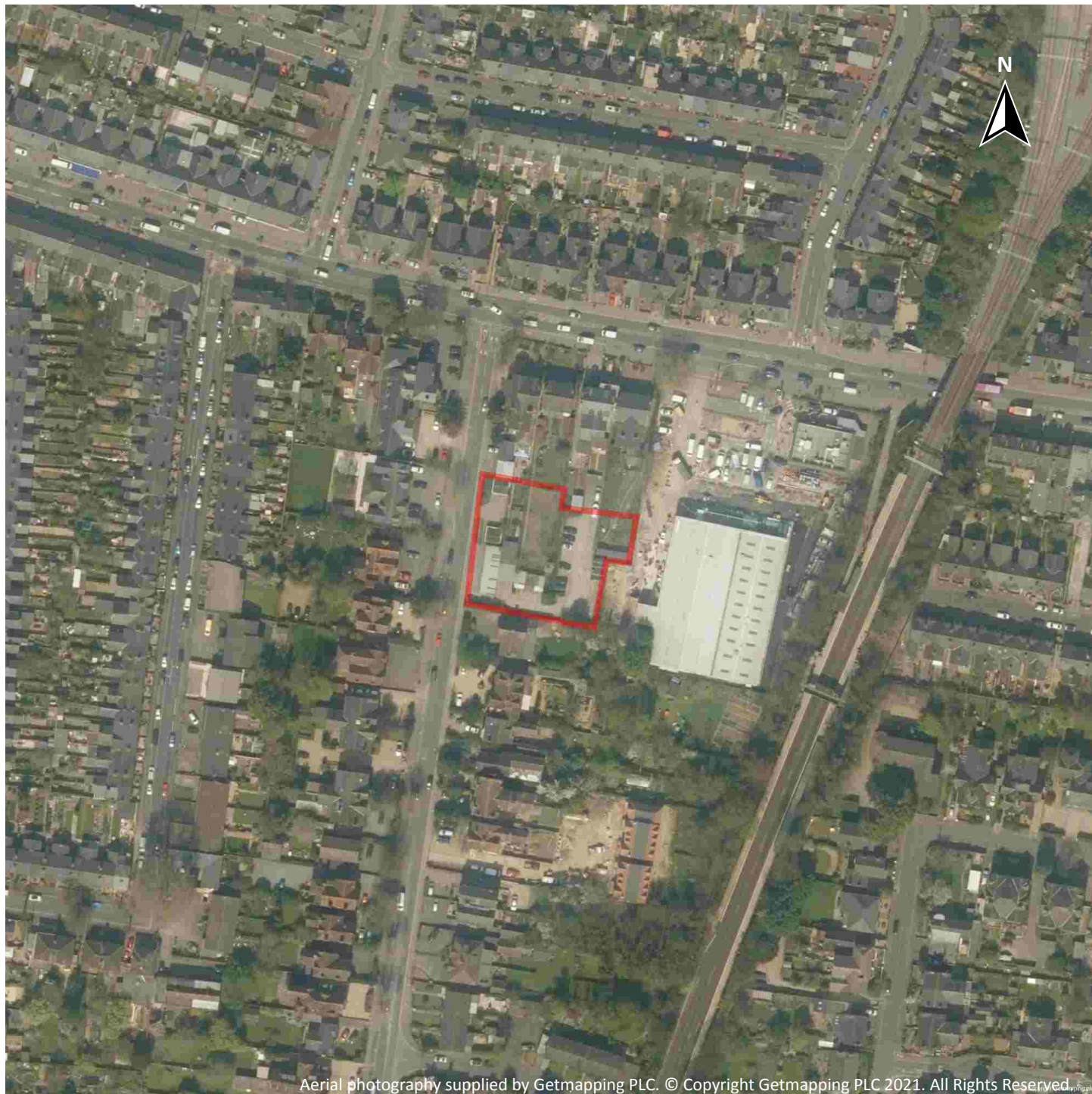
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Capture Date: 29/06/2019

Site Area: 0.18ha



Recent site history - 2015 aerial photograph



Capture Date: 20/04/2015

Site Area: 0.18ha



Recent site history - 2013 aerial photograph

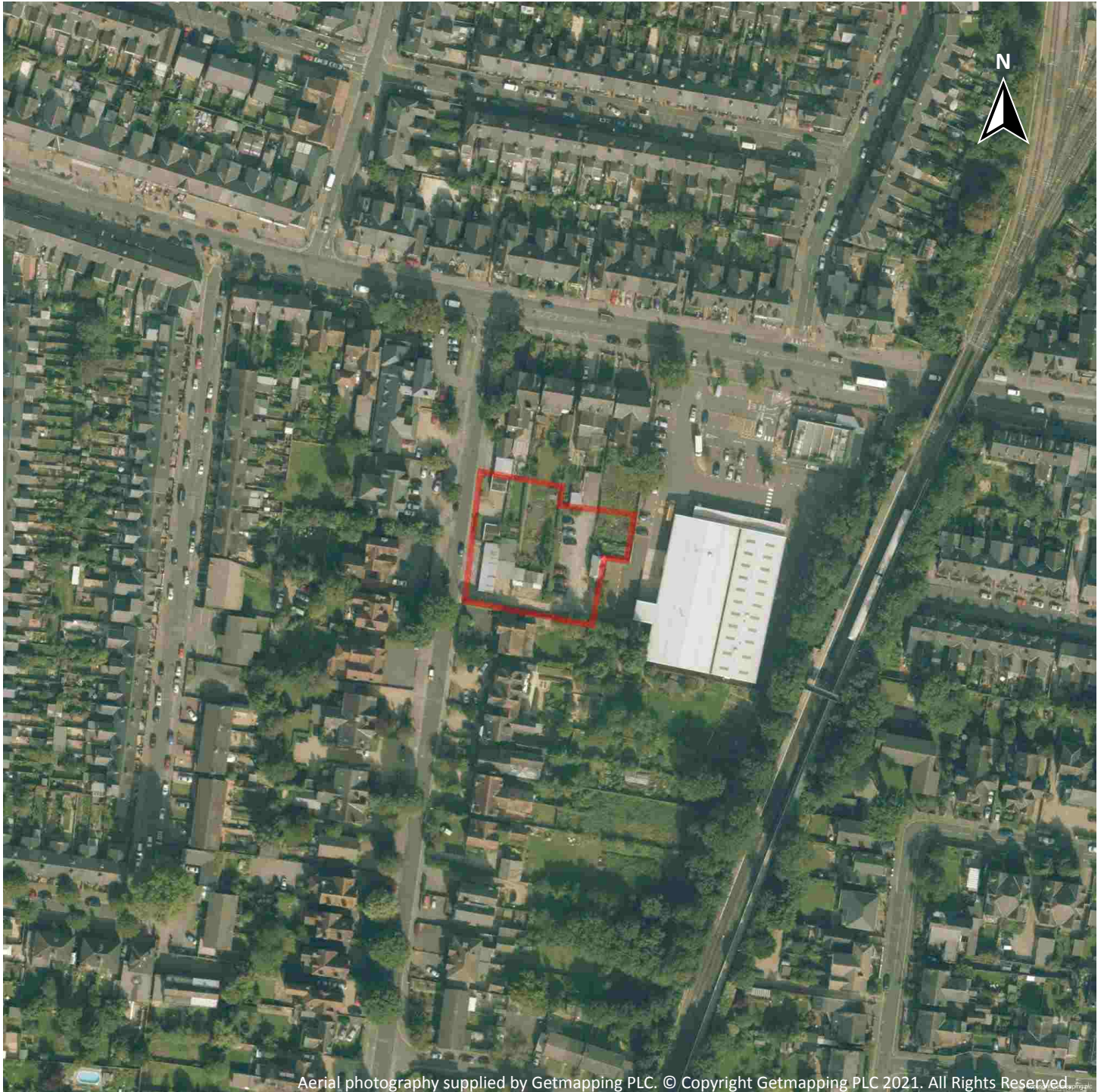


Capture Date: 08/07/2013

Site Area: 0.18ha



Recent site history - 2010 aerial photograph

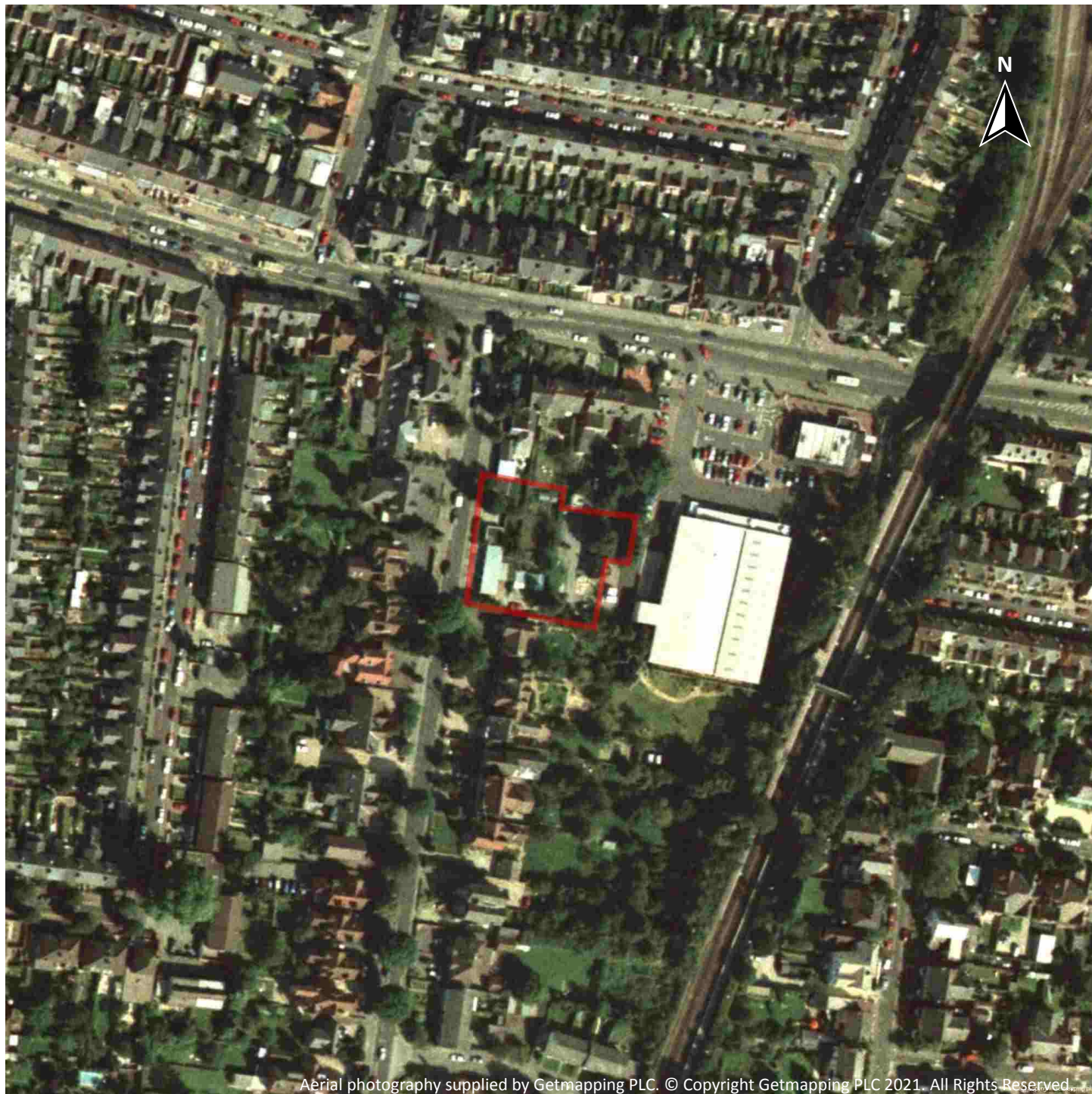


Capture Date: 22/09/2010

Site Area: 0.18ha



Recent site history - 1999 aerial photograph



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Capture Date: 04/09/1999

Site Area: 0.18ha



OS MasterMap site plan



Site Area: 0.18ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

70

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	57m SE	Railway Station	1971	1924452



ID	Location	Land use	Dates present	Group ID
A	59m E	Railway Station	1962 - 1994	1947622
A	61m E	Railway Station	1932	1935806
A	61m E	Railway Station	1910	1927618
A	61m E	Railway Station	1938	1967013
2	127m NE	Railway Sidings	1932 - 1977	1908472
3	129m NE	Railway Sidings	1989 - 1994	1913684
D	157m S	Cuttings	1938 - 1962	1904123
D	161m S	Cuttings	1910	1903440
D	161m S	Cuttings	1898	1968580
D	164m S	Cuttings	1932	1944690
D	191m S	Cuttings	1989 - 1994	1932166
D	191m S	Cuttings	1971	1947692
D	191m S	Cuttings	1977	1948547
E	200m NE	Unspecified Pit	1938	1925683
E	200m NE	Unspecified Pit	1913	1941252
E	210m NE	Railway Building	1938 - 1962	1935857
G	251m SW	Vine Yard	1960	1955824
G	258m SW	Vine Yard	1932	1945015
H	270m N	Unspecified Pit	1962	1928596
H	270m N	Unspecified Pit	1971	1943549
H	270m N	Unspecified Pit	1977 - 1994	1948369
H	273m N	Unspecified Pit	1938	1887248
H	274m N	Gravel Pit	1898	1903220
H	274m N	Unspecified Pit	1932	1960761
H	276m N	Unspecified Ground Workings	1910	1852627
I	285m NW	Workhouse	1898	1871146
J	289m N	Tin Works	1910	1903071
J	289m N	Tin Works	1938	1928535



ID	Location	Land use	Dates present	Group ID
K	289m NW	Hospital	1932	1931934
K	290m NW	Hospital	1938	1931100
I	291m NW	Unspecified Workhouse	1910	1917641
I	291m NW	Unspecified Workhouse	1898	1929994
L	292m NE	Railway Buildings	1971	1856211
L	292m NE	Unspecified Depot	1989 - 1994	1913884
L	292m NE	Unspecified Depot	1977	1957928
K	293m NW	Hospital	1960	1899875
M	293m NW	Hospital	1974	1902823
M	293m NW	Hospital	1982 - 1991	1962297
H	299m N	Old Gravel Pit	1898	1927103
O	316m N	Tin Works	1932	1962691
O	320m NW	Unspecified Works	1960	1860420
H	353m N	Pumping Station	1989 - 1994	1933147
H	354m N	Pumping Station	1977	1957904
K	372m NW	Hospital	1898	1944758
K	377m NW	Hospital	1898	1894037
K	377m NW	Hospital	1910	1944321
S	381m N	Unspecified Depot	1971	1862081
U	395m N	Cuttings	1971	1914628
U	395m N	Cuttings	1977	1935932
U	395m N	Cuttings	1989 - 1994	1968630
K	418m NW	Isolation Hospital	1910	1870310
K	418m NW	Infectious Hospital	1898	1875310
V	432m S	Unspecified Commercial/Industrial	1932	1921435
V	436m S	Unspecified Commercial/Industrial	1962	1962319
W	442m N	Railway Sidings	1913	1906357
10	447m S	Unspecified Heap	1962	1869711



ID	Location	Land use	Dates present	Group ID
W	452m N	Unspecified Pit	1971	1910137
W	452m N	Unspecified Pit	1989 - 1994	1942057
W	452m N	Unspecified Pit	1977	1946162
Y	464m SE	Unspecified Pit	1977 - 1994	1909003
Y	464m SE	Unspecified Pit	1938	1927944
Y	464m SE	Unspecified Pit	1971	1950241
Y	464m SE	Unspecified Pit	1913	1963620
Y	466m SE	Unspecified Pit	1938	1918626
Y	466m SE	Unspecified Ground Workings	1933	1852626
K	471m NW	Infectious Diseases Hospital	1898	1862417
W	473m N	Railway Buildings	1962 - 1971	1896328
W	473m N	Railway Buildings	1977	1916773
X	475m E	Nursery	1913	1867818

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

13

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
1	94m SE	Unspecified Tank	1932	305871
B	144m E	Unspecified Tank	1877	321368
B	144m E	Unspecified Tank	1877	325473
N	296m E	Unspecified Tank	1988	305864
L	300m NE	Tanks	1988 - 1993	317972



ID	Location	Land use	Dates present	Group ID
L	305m NE	Tanks	1971	325590
N	313m NE	Unspecified Tank	1931	305868
I	334m NW	Tanks	1990 - 1993	326542
L	354m NE	Unspecified Tank	1971 - 1993	327758
X	463m E	Unspecified Tank	1986 - 1993	325689
X	464m E	Unspecified Tank	1971	324894
Z	483m E	Unspecified Tank	1958	313803
Z	483m E	Unspecified Tank	1959	316696

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

25

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
4	131m SW	Electricity Substation	1971 - 1993	199088
C	151m NW	Electricity Substation	1993	207699
C	152m NW	Electricity Substation	1971 - 1988	207407
5	234m S	Electricity Substation	1978 - 1993	200969
F	245m E	Electricity Substation	1993	189826
6	250m N	Electricity Substation	1988 - 1993	196991
D	273m S	Electricity Substation	1978 - 1993	194748
P	325m SE	Electricity Substation	1978 - 1993	200858
7	333m W	Electricity Substation	1974 - 1989	200971
P	337m SE	Electricity Substation	1971	189827



ID	Location	Land use	Dates present	Group ID
O	343m N	Electricity Substation	1971 - 1993	207929
H	348m N	Electricity Substation	1988 - 1993	195842
R	348m W	Electricity Substation	1996	192964
R	348m W	Electricity Substation	1993	194513
R	349m W	Electricity Substation	1990	192919
H	361m N	Electricity Substation	1971	189831
8	367m SW	Electricity Substation	1974 - 1989	208101
T	386m NW	Electricity Substation	1973 - 1996	209165
T	389m NW	Electricity Substation	1990	189832
9	414m SE	Electricity Substation	1971 - 1993	200669
S	423m N	Electricity Substation	1988 - 1993	207047
11	458m SW	Electricity Substation	1970	189824
X	467m E	Electricity Substation	1986 - 1993	201498
X	468m E	Electricity Substation	1971	209325
12	483m W	Electricity Substation	1974 - 1989	208232

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

2

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 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	Filling Station	1978	3338
F	243m E	Filling Station	1978	3337

This data is sourced from Ordnance Survey / Groundsure.



1.5 Historical garages

Records within 500m

7

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
A	16m E	Garage	1971	60829
D	298m S	Garage	1978 - 1993	64697
D	298m S	Garage	1958	61359
D	299m S	Garage	1959 - 1971	63522
Q	327m E	Garage	1986	63232
Q	327m E	Garage	1959 - 1971	65229
Q	327m E	Garage	1958	61472

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 petrol stations
- Historical garages

2.1 Historical industrial land uses

Records within 500m

98

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 21**

ID	Location	Land Use	Date	Group ID
A	57m SE	Railway Station	1971	1924452
A	59m E	Railway Station	1994	1947622
A	59m E	Railway Station	1989	1947622



ID	Location	Land Use	Date	Group ID
A	59m E	Railway Station	1977	1947622
A	61m E	Railway Station	1932	1935806
A	61m E	Railway Station	1938	1967013
A	61m E	Railway Station	1910	1927618
A	62m SE	Railway Station	1962	1947622
B	127m NE	Railway Sidings	1977	1908472
B	127m NE	Railway Sidings	1971	1908472
C	129m NE	Railway Sidings	1994	1913684
C	129m NE	Railway Sidings	1989	1913684
G	157m S	Cuttings	1962	1904123
G	161m S	Cuttings	1938	1904123
G	161m S	Cuttings	1910	1903440
G	161m S	Cuttings	1898	1968580
G	164m S	Cuttings	1932	1944690
G	169m S	Cuttings	1898	1968580
G	191m S	Cuttings	1994	1932166
G	191m S	Cuttings	1989	1932166
G	191m S	Cuttings	1977	1948547
G	191m S	Cuttings	1971	1947692
H	200m NE	Unspecified Pit	1938	1925683
H	200m NE	Unspecified Pit	1913	1941252
H	210m NE	Railway Building	1938	1935857
H	211m NE	Railway Building	1962	1935857
L	251m SW	Vine Yard	1960	1955824
L	258m SW	Vine Yard	1932	1945015
M	270m N	Unspecified Pit	1962	1928596
M	270m N	Unspecified Pit	1994	1948369
M	270m N	Unspecified Pit	1989	1948369

ID	Location	Land Use	Date	Group ID
M	270m N	Unspecified Pit	1977	1948369
M	270m N	Unspecified Pit	1971	1943549
M	273m N	Unspecified Pit	1938	1887248
M	274m N	Gravel Pit	1898	1903220
M	274m N	Unspecified Pit	1932	1960761
M	274m N	Unspecified Pit	1932	1960761
M	276m N	Unspecified Ground Workings	1910	1852627
M	283m N	Gravel Pit	1898	1903220
N	285m NW	Workhouse	1898	1871146
O	289m N	Tin Works	1938	1928535
O	289m N	Tin Works	1910	1903071
P	289m NW	Hospital	1932	1931934
P	290m NW	Hospital	1938	1931100
N	291m NW	Unspecified Workhouse	1910	1917641
N	291m NW	Unspecified Workhouse	1898	1929994
Q	292m NE	Unspecified Depot	1994	1913884
Q	292m NE	Unspecified Depot	1989	1913884
Q	292m NE	Unspecified Depot	1977	1957928
Q	292m NE	Railway Buildings	1971	1856211
P	293m NW	Hospital	1960	1899875
R	293m NW	Hospital	1991	1962297
R	293m NW	Hospital	1982	1962297
R	293m NW	Hospital	1974	1902823
M	299m N	Old Gravel Pit	1898	1927103
M	308m N	Old Gravel Pit	1898	1927103
T	316m N	Tin Works	1932	1962691
T	320m NW	Unspecified Works	1960	1860420
M	353m N	Pumping Station	1994	1933147



ID	Location	Land Use	Date	Group ID
M	353m N	Pumping Station	1989	1933147
M	354m N	Pumping Station	1977	1957904
P	372m NW	Hospital	1898	1944758
P	377m NW	Hospital	1910	1944321
P	377m NW	Hospital	1898	1894037
Z	381m N	Unspecified Depot	1971	1862081
AB	395m N	Cuttings	1994	1968630
AB	395m N	Cuttings	1989	1968630
AB	395m N	Cuttings	1977	1935932
AB	395m N	Cuttings	1971	1914628
P	418m NW	Isolation Hospital	1910	1870310
P	418m NW	Infectious Hospital	1898	1875310
2	426m N	Railway Sidings	1962	1908472
AD	432m S	Unspecified Commercial/Industrial	1932	1921435
AD	436m S	Unspecified Commercial/Industrial	1962	1962319
AE	442m N	Railway Sidings	1938	1908472
AE	442m N	Railway Sidings	1913	1906357
3	447m S	Unspecified Heap	1962	1869711
AF	450m N	Railway Sidings	1932	1908472
AE	452m N	Unspecified Pit	1994	1942057
AE	452m N	Unspecified Pit	1989	1942057
AE	452m N	Unspecified Pit	1977	1946162
AE	452m N	Unspecified Pit	1971	1910137
AE	453m N	Railway Sidings	1938	1908472
AH	464m SE	Unspecified Pit	1938	1927944
AH	464m SE	Unspecified Pit	1913	1963620
AH	464m SE	Unspecified Pit	1994	1909003
AH	464m SE	Unspecified Pit	1989	1909003



ID	Location	Land Use	Date	Group ID
AH	464m SE	Unspecified Pit	1977	1909003
AH	464m SE	Unspecified Pit	1971	1950241
AH	466m SE	Unspecified Pit	1938	1918626
AH	466m SE	Unspecified Pit	1938	1918626
AH	466m SE	Unspecified Ground Workings	1933	1852626
P	471m NW	Infectious Diseases Hospital	1898	1862417
AE	473m N	Railway Buildings	1977	1916773
AE	473m N	Railway Buildings	1962	1896328
AE	473m N	Railway Buildings	1971	1896328
AG	475m E	Nursery	1913	1867818
AF	483m N	Railway Sidings	1938	1908472

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

18

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 21**

ID	Location	Land Use	Date	Group ID
1	94m SE	Unspecified Tank	1932	305871
E	144m E	Unspecified Tank	1877	325473
E	144m E	Unspecified Tank	1877	321368
S	296m E	Unspecified Tank	1988	305864
Q	300m NE	Tanks	1988	317972
Q	301m NE	Tanks	1993	317972
Q	305m NE	Tanks	1971	325590
S	313m NE	Unspecified Tank	1931	305868
N	334m NW	Tanks	1993	326542



ID	Location	Land Use	Date	Group ID
N	334m NW	Tanks	1990	326542
Q	354m NE	Unspecified Tank	1988	327758
Q	355m NE	Unspecified Tank	1993	327758
Q	355m NE	Unspecified Tank	1971	327758
AG	463m E	Unspecified Tank	1986	325689
AG	463m E	Unspecified Tank	1993	325689
AG	464m E	Unspecified Tank	1971	324894
AI	483m E	Unspecified Tank	1958	313803
AI	483m E	Unspecified Tank	1959	316696

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

44

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 21**

ID	Location	Land Use	Date	Group ID
D	131m SW	Electricity Substation	1978	199088
D	131m SW	Electricity Substation	1993	199088
D	132m SW	Electricity Substation	1971	199088
F	151m NW	Electricity Substation	1993	207699
F	152m NW	Electricity Substation	1971	207407
F	152m NW	Electricity Substation	1988	207407
I	234m S	Electricity Substation	1978	200969
I	234m S	Electricity Substation	1993	200969
J	245m E	Electricity Substation	1993	189826
K	250m N	Electricity Substation	1988	196991
K	250m N	Electricity Substation	1993	196991



ID	Location	Land Use	Date	Group ID
G	273m S	Electricity Substation	1978	194748
G	273m S	Electricity Substation	1993	194748
U	325m SE	Electricity Substation	1978	200858
U	325m SE	Electricity Substation	1993	200858
W	333m W	Electricity Substation	1974	200971
W	334m W	Electricity Substation	1989	200971
U	337m SE	Electricity Substation	1971	189827
T	343m N	Electricity Substation	1993	207929
T	343m N	Electricity Substation	1971	207929
T	343m N	Electricity Substation	1988	207929
M	348m N	Electricity Substation	1993	195842
M	348m N	Electricity Substation	1988	195842
X	348m W	Electricity Substation	1996	192964
X	348m W	Electricity Substation	1993	194513
X	349m W	Electricity Substation	1990	192919
M	361m N	Electricity Substation	1971	189831
Y	367m SW	Electricity Substation	1974	208101
Y	368m SW	Electricity Substation	1989	208101
AA	386m NW	Electricity Substation	1996	209165
AA	386m NW	Electricity Substation	1993	209165
AA	387m NW	Electricity Substation	1973	209165
AA	389m NW	Electricity Substation	1990	189832
AC	414m SE	Electricity Substation	1971	200669
AC	414m SE	Electricity Substation	1986	200669
AC	414m SE	Electricity Substation	1993	200669
Z	423m N	Electricity Substation	1988	207047
Z	424m N	Electricity Substation	1993	207047
4	458m SW	Electricity Substation	1970	189824



ID	Location	Land Use	Date	Group ID
AG	467m E	Electricity Substation	1986	201498
AG	467m E	Electricity Substation	1993	201498
AG	468m E	Electricity Substation	1971	209325
AJ	483m W	Electricity Substation	1974	208232
AJ	485m W	Electricity Substation	1989	208232

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

2

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'.

Features are displayed on the Past land use - un-grouped map on **page 21**

ID	Location	Land Use	Date	Group ID
A	On site	Filling Station	1978	3338
J	243m E	Filling Station	1978	3337

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

10

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 21**

ID	Location	Land Use	Date	Group ID
A	16m E	Garage	1971	60829
G	298m S	Garage	1978	64697
G	298m S	Garage	1993	64697
G	298m S	Garage	1958	61359

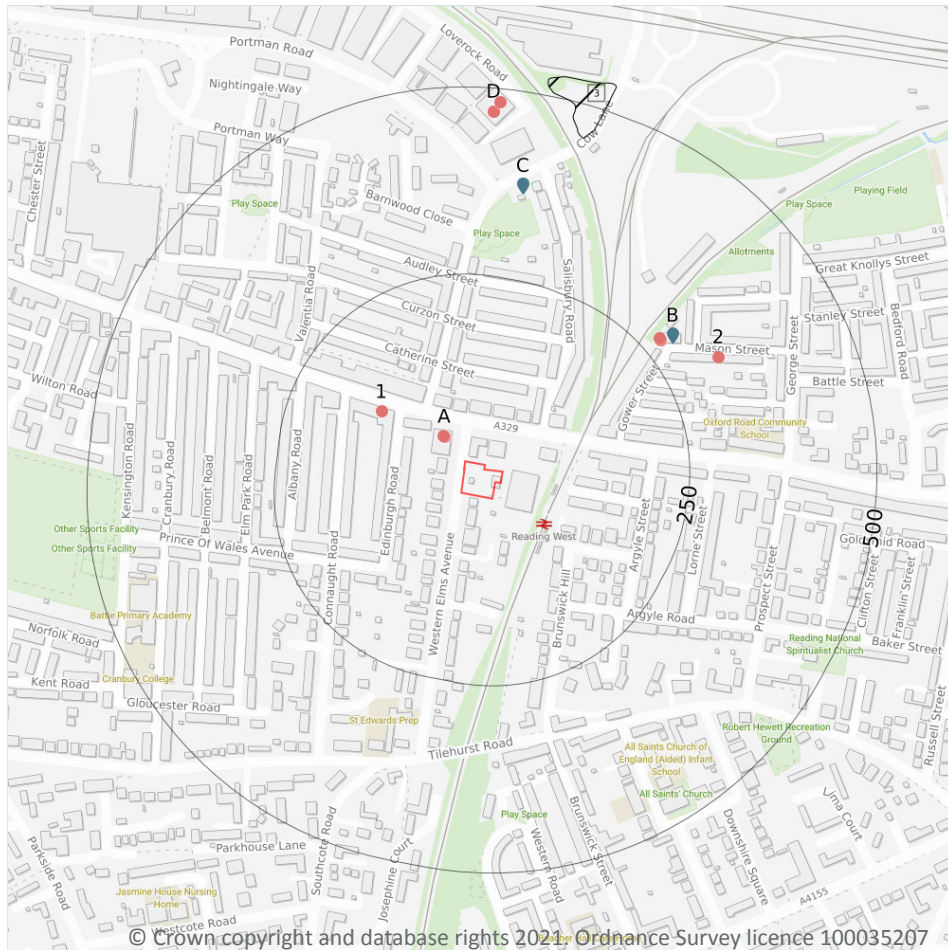


ID	Location	Land Use	Date	Group ID
G	299m S	Garage	1959	63522
G	299m S	Garage	1971	63522
V	327m E	Garage	1986	63232
V	327m E	Garage	1959	65229
V	327m E	Garage	1971	65229
V	327m E	Garage	1958	61472

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- 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

1

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 30**

ID	Location	Details		
3	455m N	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

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

5

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

Features are displayed on the Waste and landfill map on **page 30**

ID	Location	Details		
B	290m NE	Site Name: E G W Carter Site Address: E.G.W Carter, 54, Gower Street, Reading, Berkshire, RG1 7PE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAR001 EPR reference: EA/EPR/LP3699EF/S004 Operator: E G W Carter Waste Management licence No: 86001 Annual Tonnage: 9322	Issue Date: 19/03/1996 Effective Date: - Modified: - Surrendered Date: Jul 23 1999 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
C	375m N	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
C	375m N	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
C	375m N	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



ID	Location	Details		
C	375m N	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	15
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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 30**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	43m NW	WESTERN ELMS LODGE, WESTERN ELMS AVENUE, READING, RG30 1AT	WEX180676	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	43m NW	WESTERN ELMS LODGE, WESTERN ELMS AVENUE, READING, RG30 1AT	WEX180676	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	43m NW	WESTERN ELMS LODGE, WESTERN ELMS AVENUE, READING, RG30 1AT	WEX021854	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	43m NW	WESTERN ELMS LODGE, WESTERN ELMS AVENUE, READING, RG30 1AT	WEX021854	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	45m NW	317 Oxford Road Reading Berkshire RG30 1AT	EPR/MH0876K R/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
1	130m NW	Western Elms Pharmacy, 351-353 Oxford Road, Reading, RG30 1AY	WEX126175	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

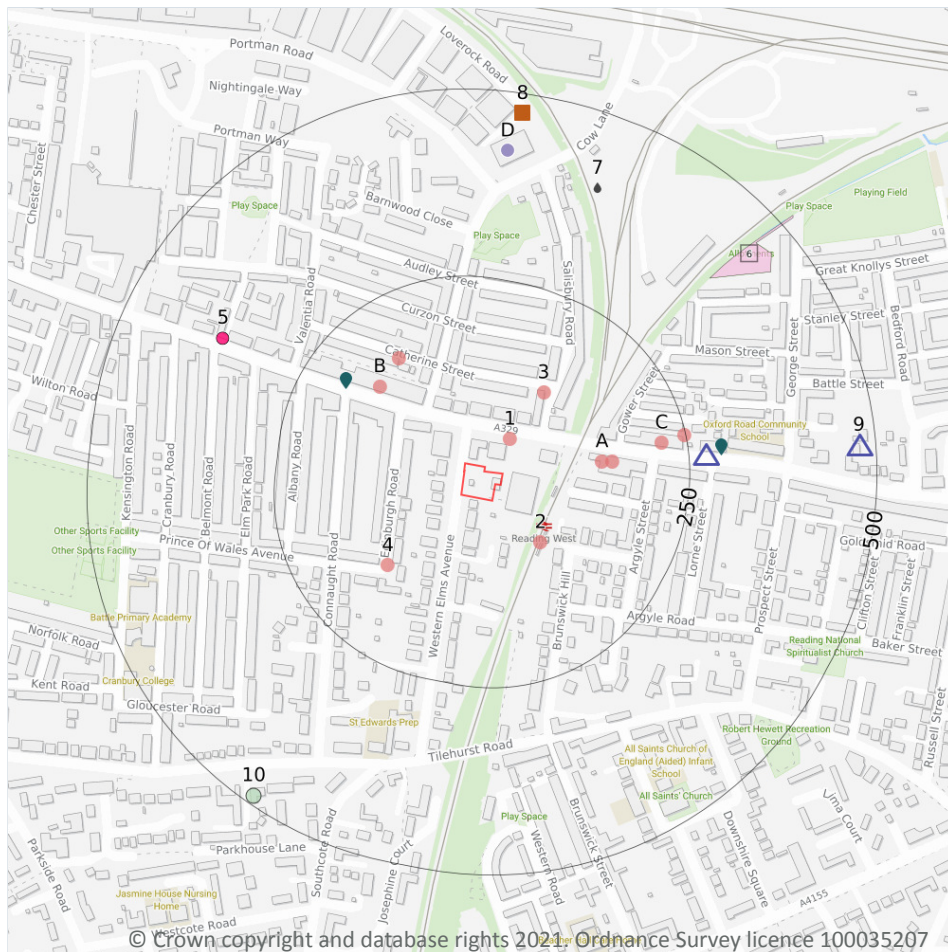


ID	Location	Site	Reference	Category	Sub-Category	Description
B	274m NE	54, GOWER STREET, READING, RG1 7PE	WEX174013	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	274m NE	54, GOWER STREET, READING, RG1 7PE	WEX174013	Treating waste exemption	Not on a farm	Recovery of scrap metal
B	274m NE	54, GOWER STREET, READING, RG1 7PE	WEX014579	Treating waste exemption	Not on a farm	Recovery of scrap metal
B	274m NE	54, GOWER STREET, READING, RG1 7PE	WEX015747	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	275m NE	54 Gower Street READING RG1 7PE	EPR/ME5252J R/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of scrap metal
2	326m NE	36 Mason Street Reading Reading RG1 7PD	EPR/CF0505FT /A001	Disposing of waste exemption	Non-Agricultural Waste Only	Burning waste in the open
D	468m N	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
D	468m N	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
D	481m N	Unit 5, 60 Loverock Road Industrial Estate, Reading, RG30 1DZ	WEX224781	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)

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
- Historical licensed industrial activities
- Licensed pollutant release (Part A(2)/B)
- Radioactive Substance Authorisations
- Licensed Discharges to controlled waters
- Pollutant release to public sewer
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

10

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 35**

ID	Location	Company	Address	Activity	Category
1	47m N	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities
2	85m SE	Reading West Rail Station	Berkshire, RG1	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure



ID	Location	Company	Address	Activity	Category
3	121m NE	Mobile Emergency Tyre Services	9, Salisbury Road, Reading, Berkshire, RG30 1BH	Vehicle Parts and Accessories	Motoring
A	134m E	Dreamz Time	275, Oxford Road, Reading, Berkshire, RG1 7PY	Furniture	Consumer Products
4	136m SW	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities
A	148m E	M T C Motorcycles	267-271, Oxford Road, Reading, Berkshire, RG1 7PY	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	153m NW	Eggfree Cake Box	278, Oxford Road, Reading, Berkshire, RG30 1AD	Baking and Confectionery	Foodstuffs
B	166m NW	Electricity Sub Station	Berkshire, RG30	Electrical Features	Infrastructure and Facilities
C	216m E	Zam-zam Halal Superstore	162-164, Oxford Road, Reading, Berkshire, RG1 7PJ	Fish, Meat and Poultry Products	Foodstuffs
C	248m E	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities

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 35**

ID	Location	Company	Address	LPG	Status
C	273m E	BP	150, Oxford Road, Reading, Reading, RG1 7PJ	No	Open
9	477m E	OBSOLETE	211-221, Oxford Road, Reading, Reading, RG1 7PX	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 35**

ID	Location	Description	Site name	Category	Year identified
6	380m NE	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**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

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 35**

ID	Location	Details	
D	421m N	Operator: Oxkem 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
D	421m N	Operator: Oxkem 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
D	421m N	Operator: Oxkem 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

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 35**

ID	Location	Address	Details	
B	193m NW	Bobbys 2Hr Dry Cleaning, 296 Oxford Road, Reading, RG30 1AD	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
C	293m E	Texaco Service Station (Krisco Services Limited), 150 Oxford Road, Reading, RG1 7PJ	Process: Unloading of Petrol into Storage at Service Stations 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

1

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

Features are displayed on the Current industrial land use map on **page 35**

ID	Location	Address	Details	
5	364m NW	Royal Berkshire Nhs Foundation Trust, Battle Hospital, Oxford Road, Reading, Berkshire, RG30 1AG	Operator: Royal Berkshire Nhs Foundation Trust Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AB0600 Date of approval: 27/07/1993	Effective from: 27/07/1993 Last date of update: 01/01/2015 Status: Revoked/cancelled

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

4.13 Licensed Discharges to controlled waters

Records within 500m

1

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 35**

ID	Location	Address	Details	
7	401m N	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

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

1

Discharges of Special Category Effluents to the public sewer.

Features are displayed on the Current industrial land use map on **page 35**



ID	Location	Address	Details	
8	473m N	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	0
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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
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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	1
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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 35**

ID	Location	Details	
10	487m SW	Incident Date: 16/05/2002 Incident Identification: 79032 Pollutant: Oils and Fuel Pollutant Description: Other Oil or Fuel	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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.

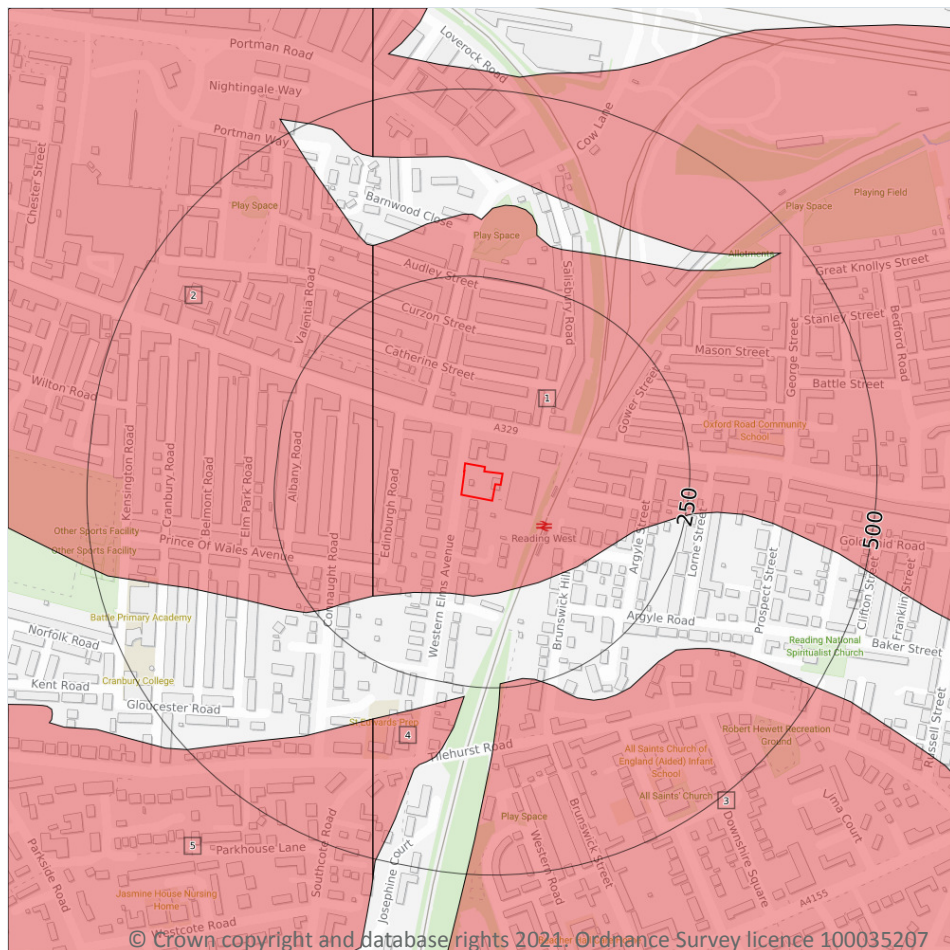
4.21 Pollution inventory radioactive waste

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

5

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 43**

ID	Location	Designation	Description
1	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
2	118m W	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

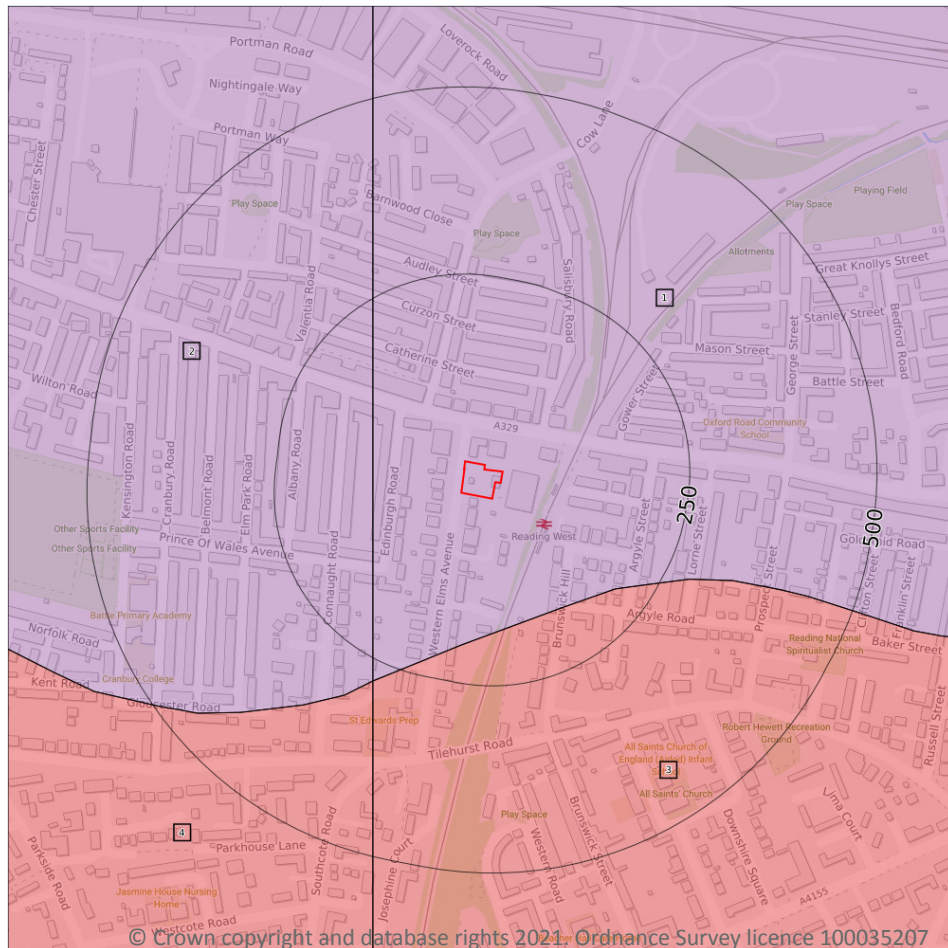


ID	Location	Designation	Description
3	241m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	264m S	Secondary 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
5	322m 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

4

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	118m W	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

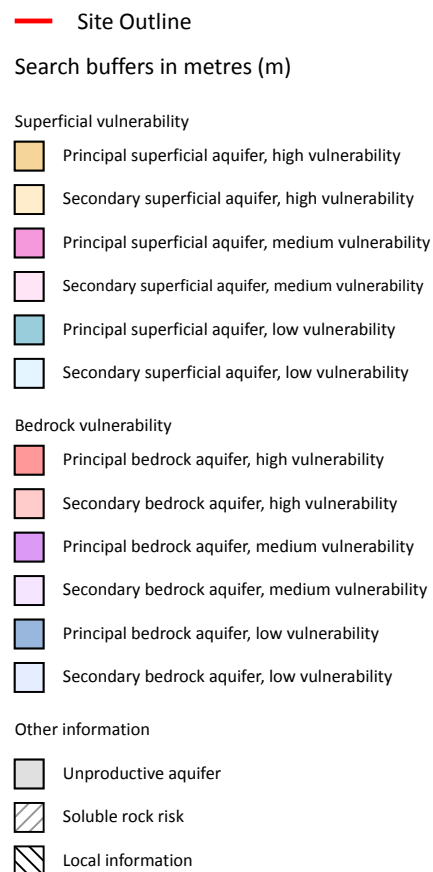
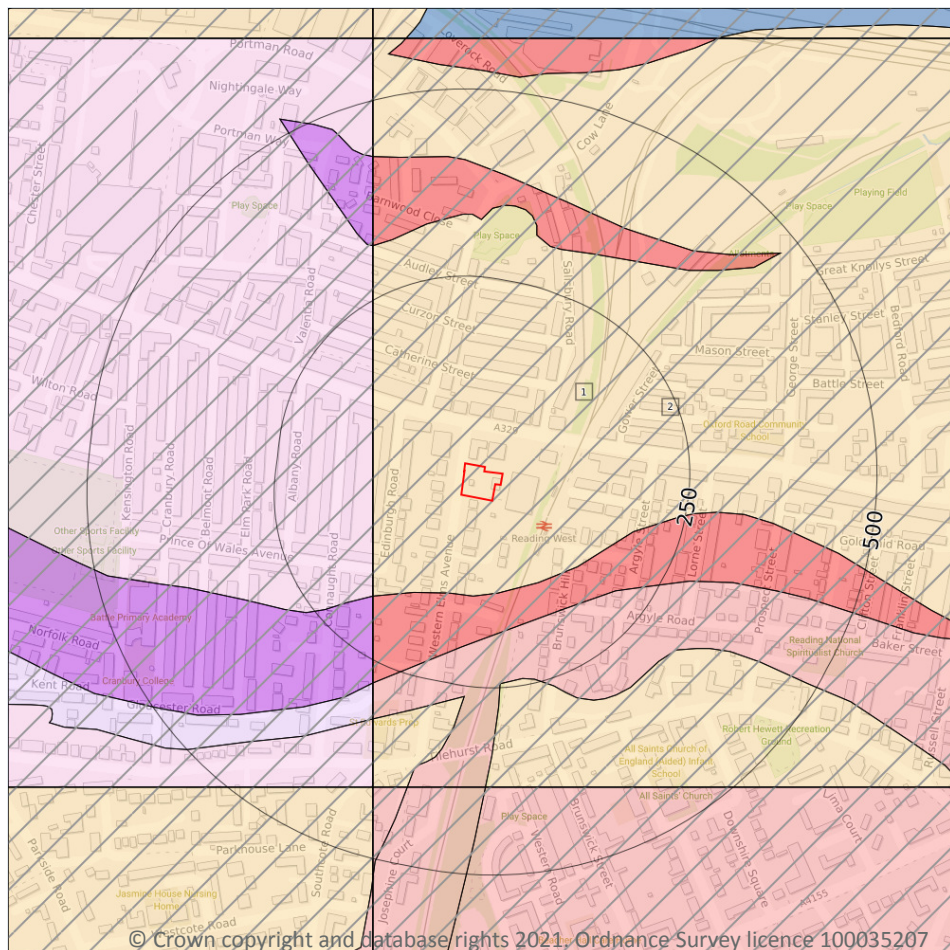


ID	Location	Designation	Description
3	169m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	278m SW	Secondary 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

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 47**



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: High	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
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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	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.	5.0%

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

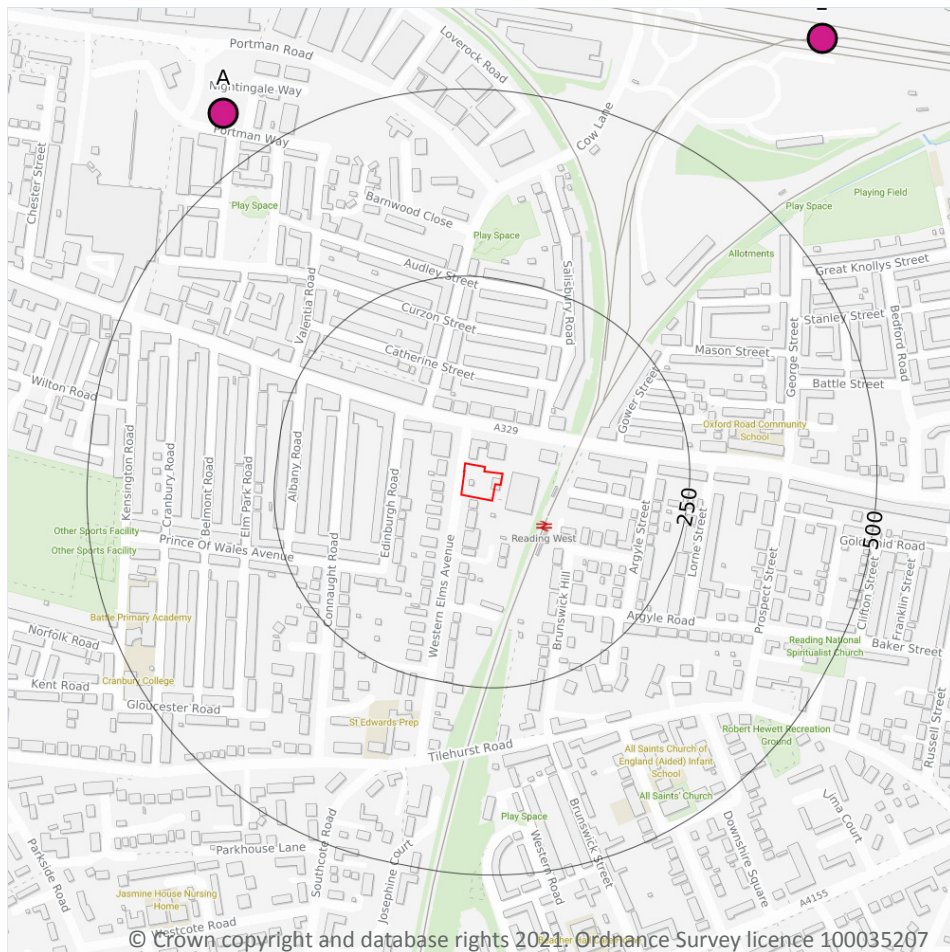
5.5 Groundwater vulnerability- local information

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

20

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	
A	568m NW	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: -
-	717m N	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	721m NE	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: -
-	867m N	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: -
-	988m NW	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: -



ID	Location	Details	
-	996m NE	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: -
-	996m NE	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: -
-	996m NE	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: -
-	996m NE	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: -
-	1029m E	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: -



ID	Location	Details	
-	1056m NW	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): 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: -
-	1056m NW	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: -
-	1167m N	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: -
-	1552m NW	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: -
-	1623m NW	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: -



ID	Location	Details	
-	1623m NW	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: -
-	1768m S	Status: Historical Licence No: 28/39/22/0266 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: RAILTRACK PROPERTY, SOUTHCOTE, READING Data Type: Point Name: NETWORK RAIL INFRASTR LTD Easting: 469600 Northing: 171700	Annual Volume (m ³): 250035 Max Daily Volume (m ³): 909.22 Original Application No: - Original Start Date: 12/12/1966 Expiry Date: - Issue No: 101 Version Start Date: 03/02/2003 Version End Date: -
-	1779m NW	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: -
-	1779m NW	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: -
-	1986m NE	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: Elis UK Ltd 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: 103 Version Start Date: 08/02/2021 Version End Date: -



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

5.7 Surface water abstractions

Records within 2000m

5

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 49**

ID	Location	Details	
-	1441m E	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: -
-	1441m E	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: -
-	1633m NE	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	
-	1633m NE	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: -
-	1633m NE	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: -

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 49**

ID	Location	Details	
A	568m NW	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	
-	996m NE	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: -
-	996m NE	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: -
-	1029m E	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: -
-	1623m NW	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: -

ID	Location	Details	
-	1779m NW	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.

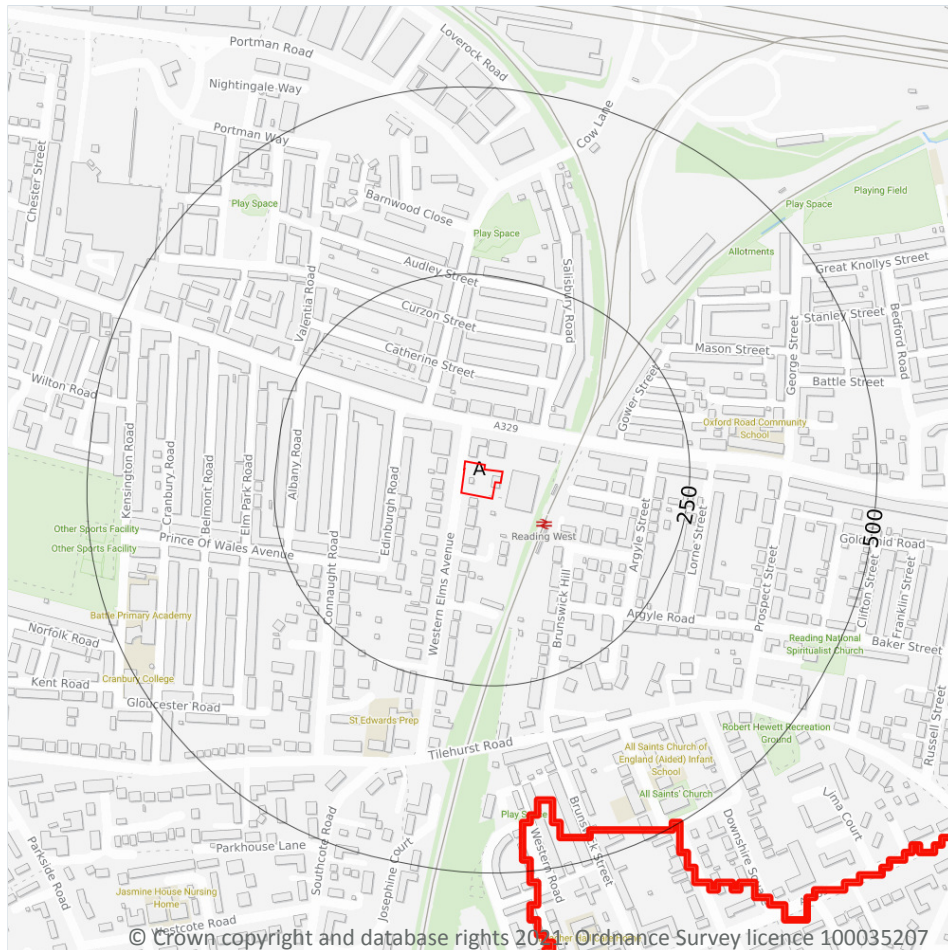
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
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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

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

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.

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 58**

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 58**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1444m 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 58**

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

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

