

Site Details:

WHITE PEAKS CAFE, ROYAL
BOTANIC GARDENS, KEW
GREEN, KEW, TW9 3AB

Client Ref: 92068
Report Ref: GS-8427492
Grid Ref: 518471, 177334

Map Name: National Grid

Map date: 1974

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1973
Revised 1974
Edition N/A
Copyright N/A
Levelled N/A

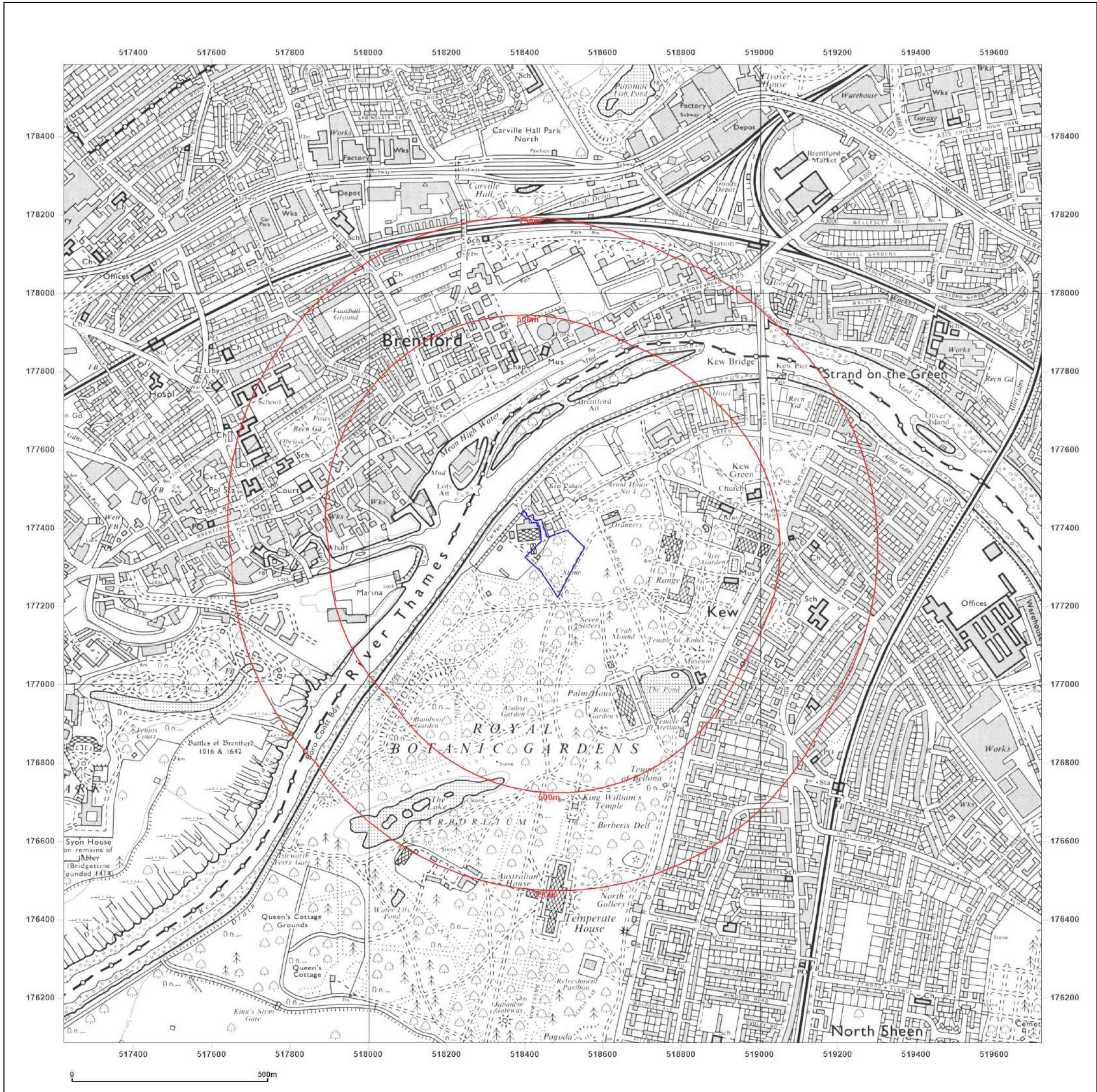


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Client Ref: 92068
Report Ref: GS-8427492
Grid Ref: 518471, 177334

Map Name: National Grid

Map date: 1987

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Surveyed 1982
Revised 1987
Edition N/A
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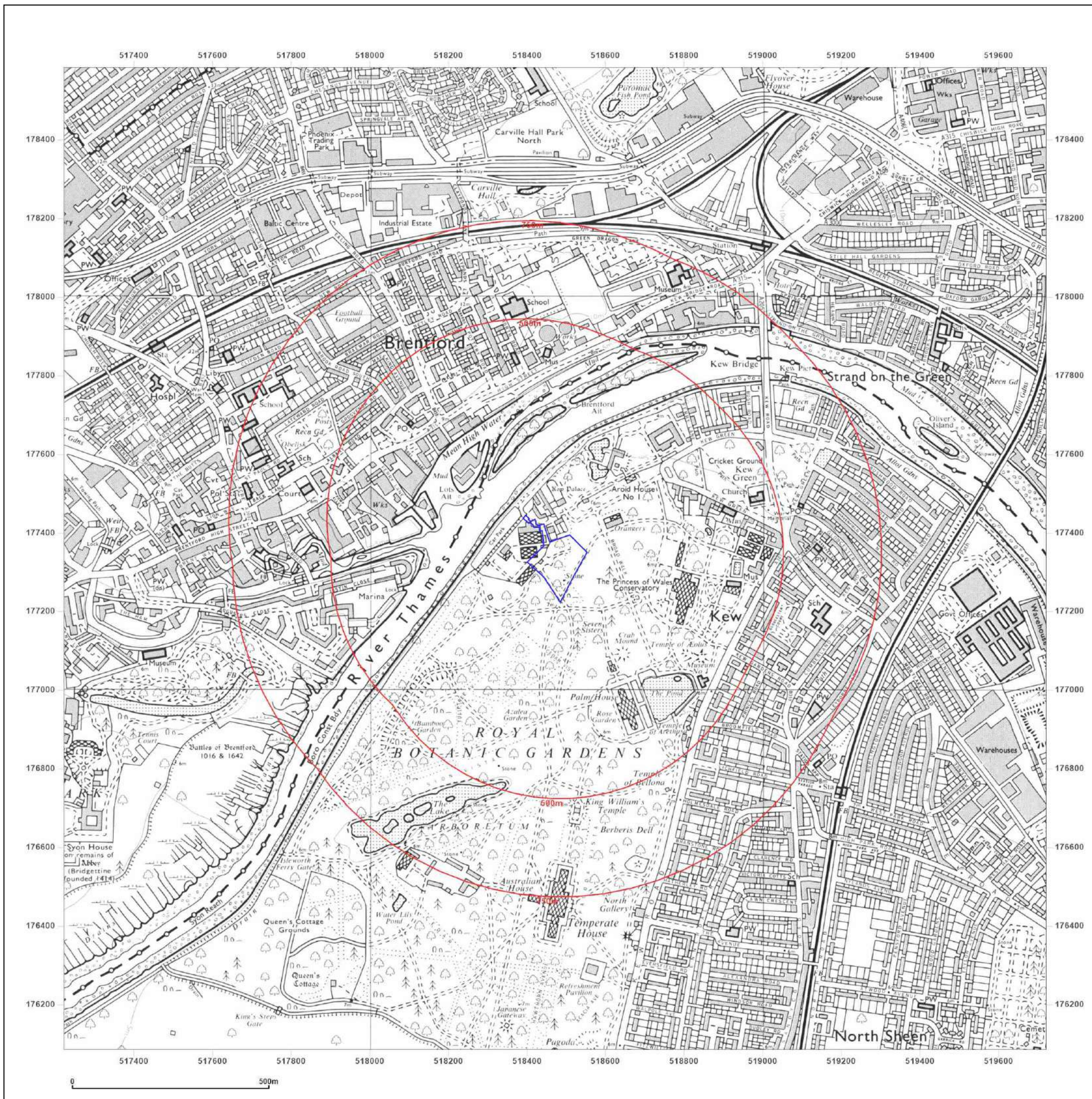


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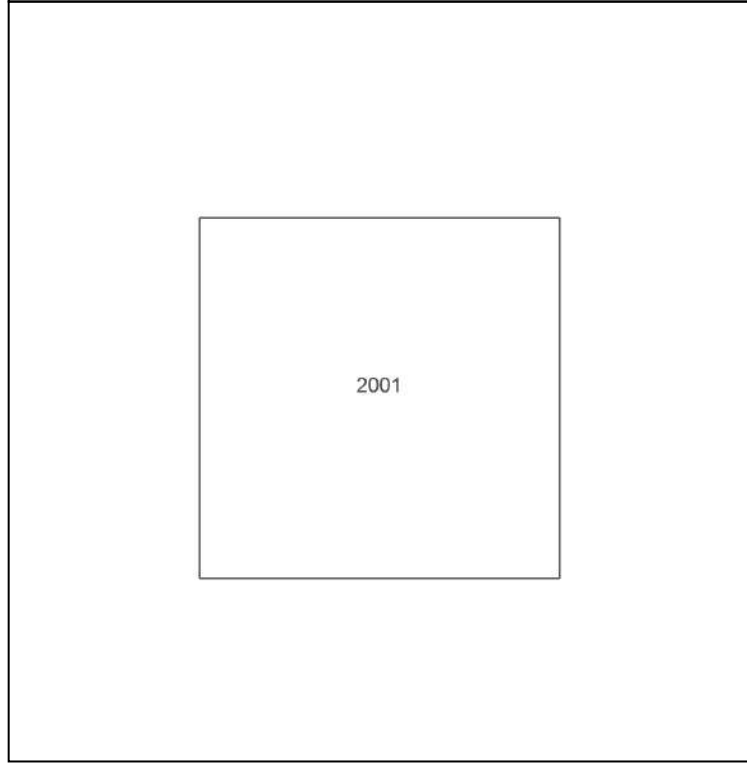
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Report Ref: GS-8427492
Grid Ref: 518471, 177334

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

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Site Details:

WHITE PEAKS CAFE, ROYAL BOTANIC GARDENS, KEW GREEN, KEW, TW9 3AB

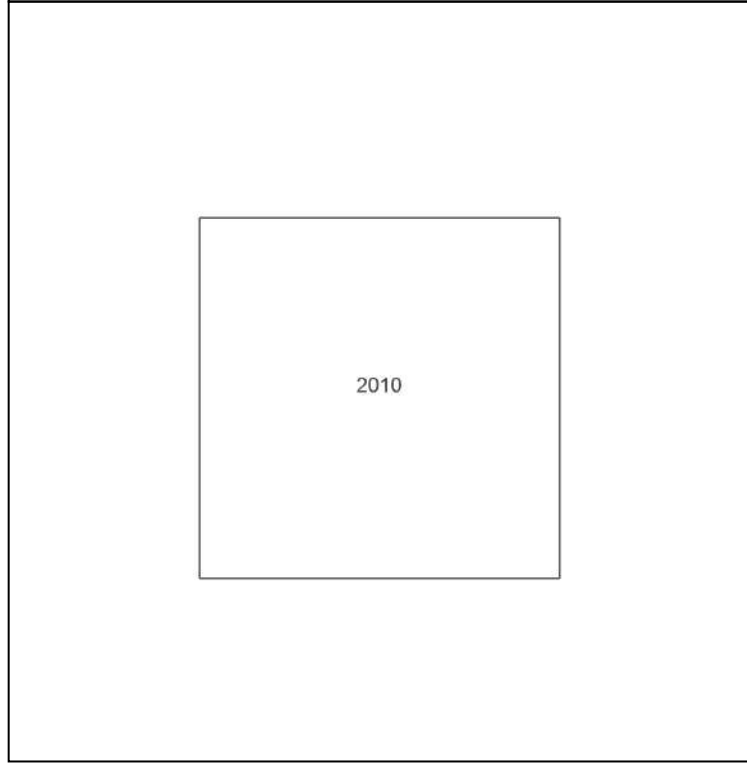
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Grid Ref: 518471, 177334

Map Name: National Grid

Map date: 2010

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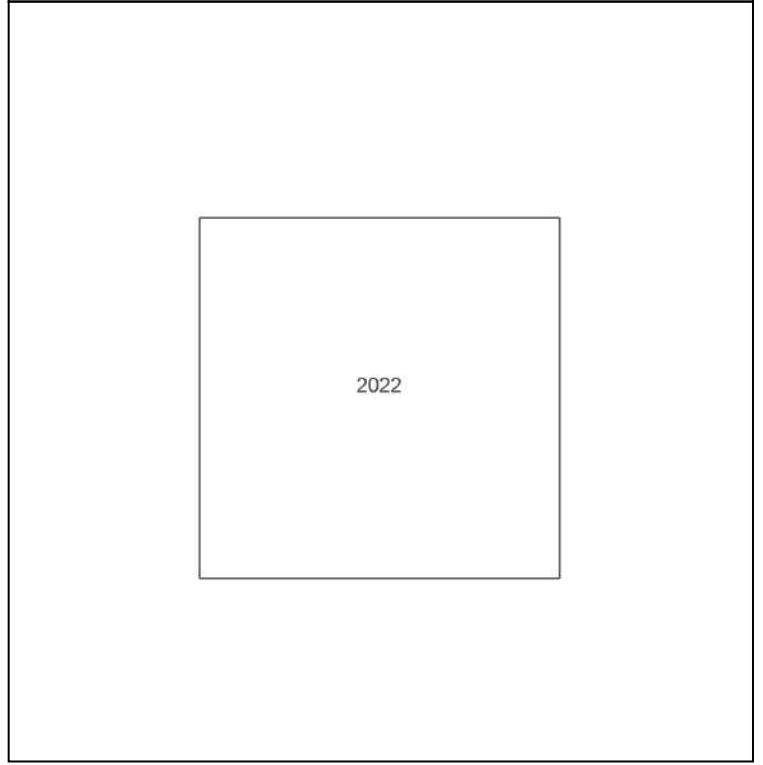
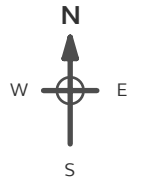
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Site Details:
 WHITE PEAKS CAFE, ROYAL BOTANIC GARDENS, KEW GREEN, KEW, TW9 3AB

Client Ref: 92068
Report Ref: GS-8427492
Grid Ref: 518471, 177334

Map Name: National Grid
Map date: 2022
Scale: 1:10,000
Printed at: 1:10,000



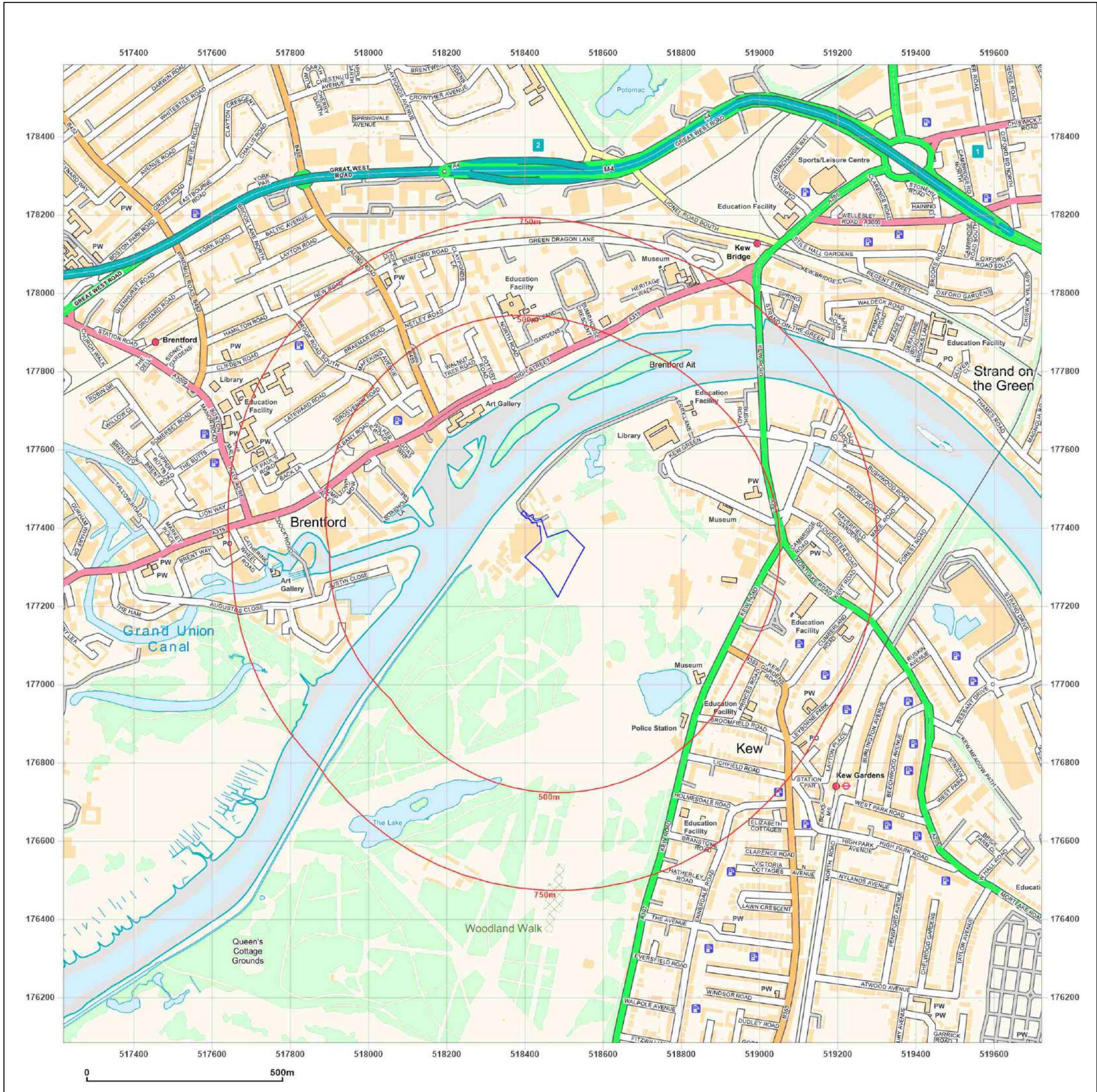
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Appendix A – Exploratory Hole Records

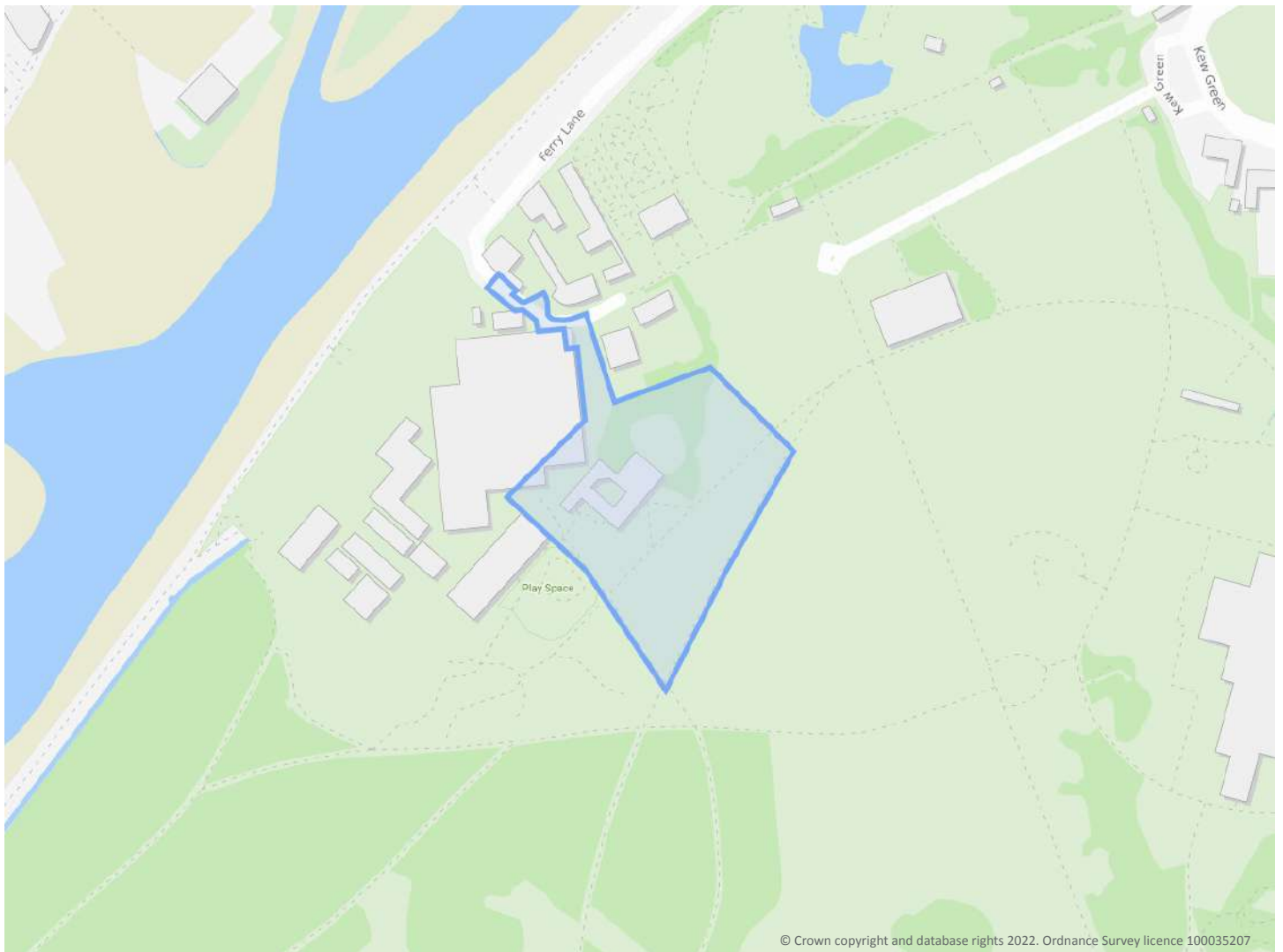
WHITE PEAKS CAFE, ROYAL BOTANIC GARDENS, KEW GREEN, KEW, TW9 3AB

Order Details

Date: 06/01/2022
Your ref: 92068
Our Ref: GS-8427493
Client: Pick Everard

Site Details

Location: 518477 177330
Area: 1.41 ha
Authority: [London Borough of Richmond upon Thames](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.13

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Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	12	1	23	148	-
21	1.2	<u>Historical tanks</u>	1	1	3	67	-
24	1.3	<u>Historical energy features</u>	0	1	0	34	-
26	1.4	Historical petrol stations	0	0	0	0	-
26	1.5	<u>Historical garages</u>	0	0	0	3	-
27	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
28	2.1	<u>Historical industrial land uses</u>	15	2	32	186	-
37	2.2	<u>Historical tanks</u>	1	1	3	97	-
41	2.3	<u>Historical energy features</u>	0	1	0	60	-
43	2.4	Historical petrol stations	0	0	0	0	-
44	2.5	<u>Historical garages</u>	0	0	0	5	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
45	3.1	Active or recent landfill	0	0	0	0	-
45	3.2	Historical landfill (BGS records)	0	0	0	0	-
46	3.3	<u>Historical landfill (LA/mapping records)</u>	0	0	0	1	-
46	3.4	<u>Historical landfill (EA/NRW records)</u>	0	0	0	2	-
47	3.5	<u>Historical waste sites</u>	0	0	0	4	-
47	3.6	Licensed waste sites	0	0	0	0	-
47	3.7	<u>Waste exemptions</u>	0	0	3	4	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
49	4.1	<u>Recent industrial land uses</u>	0	0	9	-	-
50	4.2	Current or recent petrol stations	0	0	0	0	-
50	4.3	Electricity cables	0	0	0	0	-
50	4.4	Gas pipelines	0	0	0	0	-
51	4.5	Sites determined as Contaminated Land	0	0	0	0	-



51	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
51	4.7	Regulated explosive sites	0	0	0	0	-
51	4.8	Hazardous substance storage/usage	0	0	0	0	-
51	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
52	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
52	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	0	1	-
52	4.12	<u>Radioactive Substance Authorisations</u>	0	0	0	7	-
53	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	6	-
54	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
55	4.15	<u>Pollutant release to public sewer</u>	0	0	0	1	-
55	4.16	<u>List 1 Dangerous Substances</u>	0	0	3	0	-
55	4.17	List 2 Dangerous Substances	0	0	0	0	-
56	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	1	8	-
57	4.19	Pollution inventory substances	0	0	0	0	-
57	4.20	Pollution inventory waste transfers	0	0	0	0	-
57	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
58	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
60	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
61	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
62	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
62	5.5	<u>Groundwater vulnerability- local information</u>	Identified (within 0m)				
63	5.6	<u>Groundwater abstractions</u>	0	0	0	6	20
70	5.7	<u>Surface water abstractions</u>	0	0	0	0	1
70	5.8	Potable abstractions	0	0	0	0	0
70	5.9	Source Protection Zones	0	0	0	0	-
71	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
72	6.1	<u>Water Network (OS MasterMap)</u>	0	0	14	-	-



74	6.2	<u>Surface water features</u>	0	0	2	-	-
74	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
74	6.4	<u>WFD Surface water bodies</u>	0	1	0	-	-
75	6.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
76	7.1	<u>Risk of flooding from rivers and the sea</u>	High (within 50m)				
77	7.2	Historical Flood Events	0	0	0	-	-
77	7.3	<u>Flood Defences</u>	0	1	0	-	-
77	7.4	<u>Areas Benefiting from Flood Defences</u>	1	0	1	-	-
78	7.5	Flood Storage Areas	0	0	0	-	-
79	7.6	<u>Flood Zone 2</u>	Identified (within 50m)				
80	7.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
81	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
83	9.1	<u>Groundwater flooding</u>	Moderate-High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
84	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	0	0	1
85	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
85	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
85	10.4	Special Protection Areas (SPA)	0	0	0	0	0
85	10.5	National Nature Reserves (NNR)	0	0	0	0	0
86	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	2
86	10.7	Designated Ancient Woodland	0	0	0	0	0
86	10.8	Biosphere Reserves	0	0	0	0	0
86	10.9	Forest Parks	0	0	0	0	0
87	10.10	Marine Conservation Zones	0	0	0	0	0
87	10.11	Green Belt	0	0	0	0	0
87	10.12	Proposed Ramsar sites	0	0	0	0	0

87	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
87	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
88	10.15	Nitrate Sensitive Areas	0	0	0	0	0
88	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
89	<u>10.17</u>	<u>SSSI Impact Risk Zones</u>	2	-	-	-	-
91	<u>10.18</u>	<u>SSSI Units</u>	0	0	0	0	1
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
92	<u>11.1</u>	<u>World Heritage Sites</u>	1	1	0	-	-
93	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
93	11.3	National Parks	0	0	0	-	-
93	<u>11.4</u>	<u>Listed Buildings</u>	0	3	7	-	-
94	<u>11.5</u>	<u>Conservation Areas</u>	1	1	1	-	-
94	<u>11.6</u>	<u>Scheduled Ancient Monuments</u>	0	0	1	-	-
95	<u>11.7</u>	<u>Registered Parks and Gardens</u>	1	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
96	<u>12.1</u>	<u>Agricultural Land Classification</u>	Urban (within 250m)				
97	12.2	Open Access Land	0	0	0	-	-
97	12.3	Tree Felling Licences	0	0	0	-	-
97	12.4	Environmental Stewardship Schemes	0	0	0	-	-
97	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
98	<u>13.1</u>	<u>Priority Habitat Inventory</u>	0	3	36	-	-
100	13.2	Habitat Networks	0	0	0	-	-
100	13.3	Open Mosaic Habitat	0	0	0	-	-
100	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
102	<u>14.1</u>	<u>10k Availability</u>	Identified (within 500m)				
103	<u>14.2</u>	<u>Artificial and made ground (10k)</u>	0	0	1	10	-
105	<u>14.3</u>	<u>Superficial geology (10k)</u>	1	0	1	2	-

106	14.4	Landslip (10k)	0	0	0	0	-
107	14.5	<u>Bedrock geology (10k)</u>	1	0	0	0	-
108	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
109	15.1	<u>50k Availability</u>	Identified (within 500m)				
110	15.2	<u>Artificial and made ground (50k)</u>	0	0	1	10	-
111	15.3	Artificial ground permeability (50k)	0	0	-	-	-
112	15.4	<u>Superficial geology (50k)</u>	1	0	1	2	-
113	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
113	15.6	Landslip (50k)	0	0	0	0	-
113	15.7	Landslip permeability (50k)	None (within 50m)				
114	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
115	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
115	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
116	16.1	<u>BGS Boreholes</u>	0	0	5	-	-
Page	Section	Natural ground subsidence					
118	17.1	<u>Shrink swell clays</u>	Negligible (within 50m)				
119	17.2	<u>Running sands</u>	Very low (within 50m)				
120	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
121	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
122	17.5	<u>Landslides</u>	Very low (within 50m)				
123	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
125	18.1	Natural cavities	0	0	0	0	-
126	18.2	BritPits	0	0	0	0	-
126	18.3	<u>Surface ground workings</u>	0	1	36	-	-
127	18.4	Underground workings	0	0	0	0	0
128	18.5	Historical Mineral Planning Areas	0	0	0	0	-

128	18.6	Non-coal mining	0	0	0	0	0
128	18.7	Mining cavities	0	0	0	0	0
128	18.8	JPB mining areas	None (within 0m)				
128	18.9	Coal mining	None (within 0m)				
129	18.10	Brine areas	None (within 0m)				
129	18.11	Gypsum areas	None (within 0m)				
129	18.12	Tin mining	None (within 0m)				
129	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
130	19.1	Radon	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
131	20.1	BGS Estimated Background Soil Chemistry	2	0	-	-	-
131	20.2	BGS Estimated Urban Soil Chemistry	7	5	-	-	-
132	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
133	21.1	Underground railways (London)	0	0	0	-	-
133	21.2	Underground railways (Non-London)	0	0	0	-	-
133	21.3	Railway tunnels	0	0	0	-	-
133	21.4	Historical railway and tunnel features	0	0	0	-	-
133	21.5	Royal Mail tunnels	0	0	0	-	-
134	21.6	Historical railways	0	0	0	-	-
134	21.7	Railways	0	0	0	-	-
134	21.8	Crossrail 1	0	0	0	0	-
134	21.9	Crossrail 2	0	0	0	0	-
134	21.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 29/06/2019

Site Area: 1.41ha



Recent site history - 2015 aerial photograph



Capture Date: 20/04/2015

Site Area: 1.41ha



Recent site history - 2011 aerial photograph

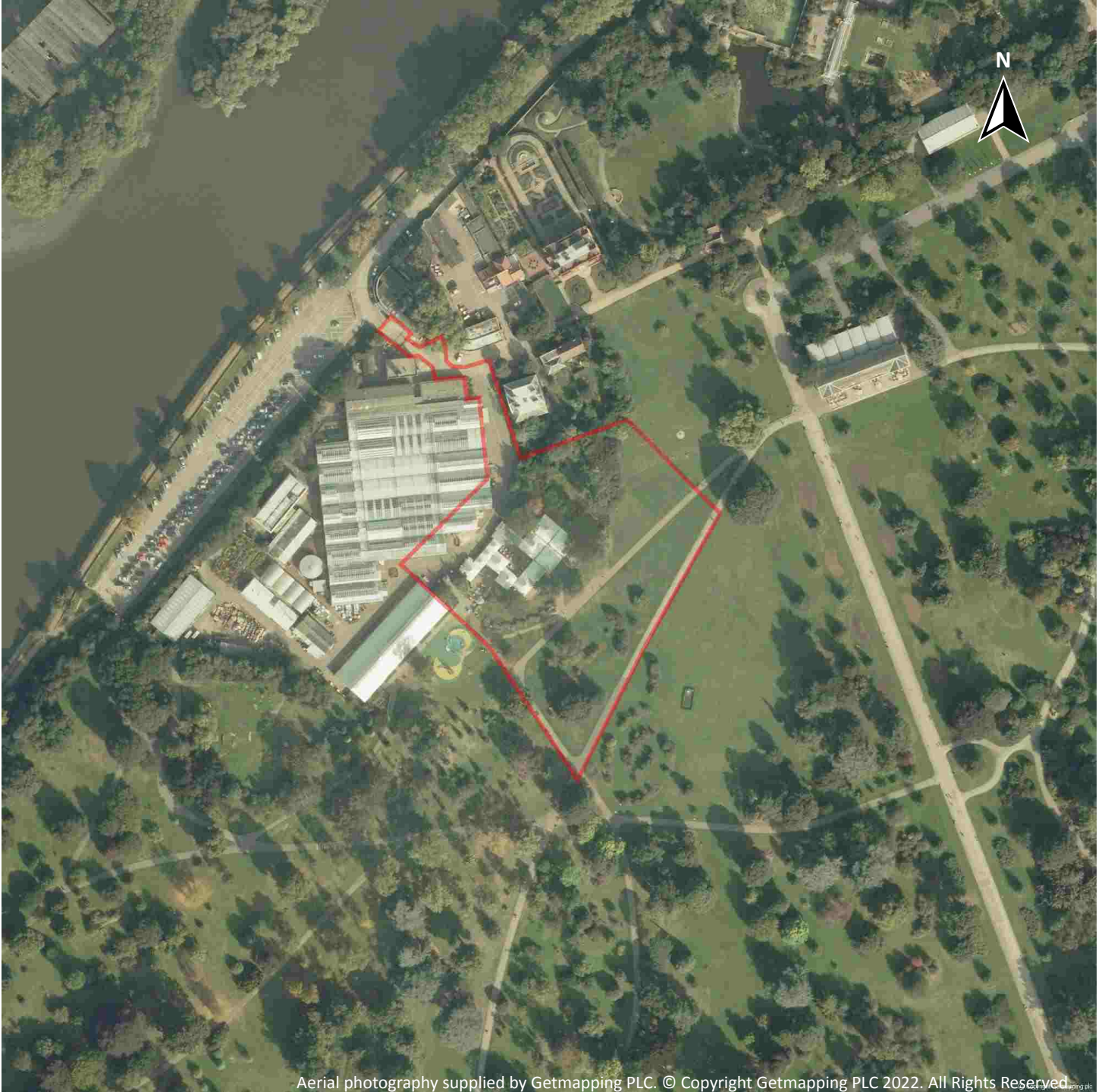


Capture Date: 30/09/2011

Site Area: 1.41ha



Recent site history - 2008 aerial photograph



Capture Date: 21/09/2008

Site Area: 1.41ha



Recent site history - 1999 aerial photograph

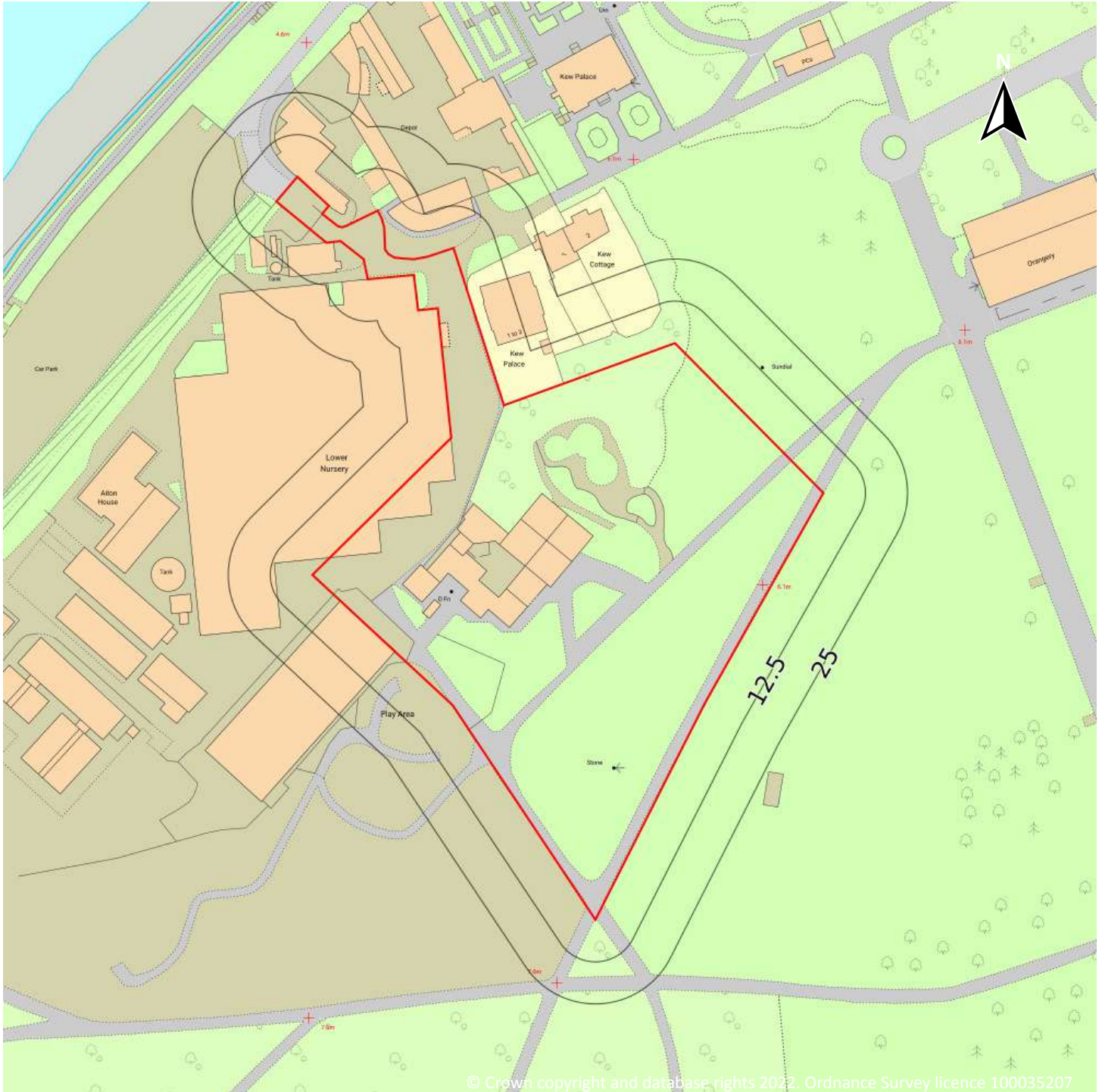


Capture Date: 29/08/1999

Site Area: 1.41ha



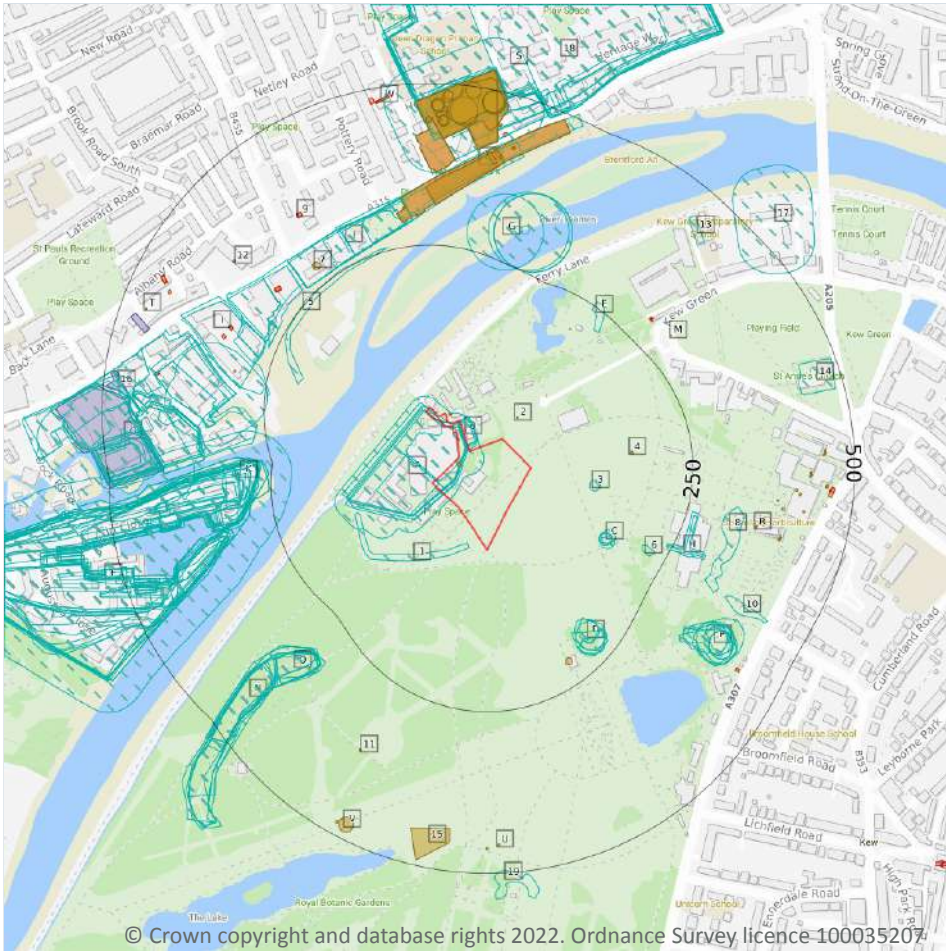
OS MasterMap site plan



Site Area: 1.41ha



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 **184**

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

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

ID	Location	Land use	Dates present	Group ID
A	On site	Nursery	1867	2201346

ID	Location	Land use	Dates present	Group ID
A	On site	Nursery	1920	2206355
A	On site	Nursery	1948	2218275
A	On site	Unspecified Depot	1938	2218699
A	On site	Nursery	1913	2244032
A	On site	Nursery	1938	2258115
A	On site	Nursery	1933	2273713
A	On site	Unspecified Depot	1920 - 1933	2275064
A	On site	Nursery	1961 - 1966	2276365
B	On site	Depot	1948	2201483
B	On site	Unspecified Depot	1913	2208121
B	On site	Unspecified Depot	1961	2247310
1	19m SW	Unspecified Ground Workings	1898	2133358
3	94m E	Unspecified Heap	1948	2272623
C	144m SE	Unspecified Heap	1961	2286720
C	145m SE	Unspecified Heap	1948	2197239
C	145m SE	Unspecified Heap	1913	2221979
C	149m SE	Unspecified Pit	1933	2125224
D	178m SE	Unspecified Heap	1920 - 1948	2241533
D	182m SE	Unspecified Heap	1961 - 1974	2255145
D	183m SE	Unspecified Heap	1893	2236830
D	185m SE	Unspecified Heap	1867	2263428
5	197m W	Unspecified Wharf	1961	2157224
D	203m SE	Unspecified Heap	1894	2196972
D	203m SE	Unspecified Ground Workings	1898 - 1911	2234719
6	209m SE	Unspecified Heap	1933	2136597
F	219m W	Dock	1938	2183043
E	220m NE	Unspecified Heap	1987	2136598
G	236m NE	Unspecified Hole	1866	2274491



ID	Location	Land use	Dates present	Group ID
H	240m SE	Range	1911	2165918
I	243m W	Unspecified Commercial/Industrial	1913	2130762
H	244m SE	Testing Range	1893	2140874
I	245m W	Soap Works	1912	2179549
G	249m NE	Unspecified Hole	1933	2280516
G	250m NE	Unspecified Hole	1920	2203603
G	250m NE	Unspecified Hole	1938	2289190
F	253m W	Railway Sidings	1966	2192612
F	253m W	Dock	1966	2261519
F	254m W	Dock	1865	2193071
F	254m W	Railway Sidings	1865	2261166
J	258m NW	Brewery	1893 - 1894	2273703
J	258m NW	Brewery	1933	2275447
J	259m NW	Unspecified Works	1966	2159628
J	259m NW	Brewery	1898	2187125
J	261m NW	Brewery	1938	2185018
J	261m NW	Brewery	1913 - 1920	2196776
I	261m NW	Unspecified Wharf	1938	2177897
I	261m NW	Unspecified Wharf	1920	2220812
I	261m W	Soap Works	1913	2260076
I	261m NW	Unspecified Yard	1920 - 1933	2238993
J	261m NW	Brewery	1866	2227121
I	263m W	Soap Works	1912	2265246
F	267m W	Dock	1933	2199996
F	267m W	Dock	1894	2222547
J	268m N	Brewery	1911	2288009
I	268m W	Unspecified Wharf	1933	2274611
I	268m W	Wharf	1948	2257825



ID	Location	Land use	Dates present	Group ID
F	269m W	Unspecified Dock	1913	2266544
F	269m W	Railway Sidings	1938	2286894
F	270m W	Railway Sidings	1912	2243685
F	270m W	Unspecified Dock	1898	2268927
I	270m W	Unspecified Wharf	1913	2239635
F	272m W	Railway Sidings	1894	2186109
F	272m W	Dock	1894	2241239
F	272m W	Railway Sidings	1961	2176008
F	272m W	Dock	1961	2196511
I	272m NW	Unspecified Commercial/Industrial	1913	2130763
I	273m NW	Barge Building Yard	1913	2162328
F	273m W	Unspecified Dock	1896	2176302
F	273m W	Dock	1948	2241175
K	279m W	Railway Buildings	1894	2219241
F	282m W	Railway Sidings	1933 - 1935	2205415
F	282m W	Dock	1935	2275996
F	289m W	Railway Sidings	1948	2279698
F	292m W	Railway Sidings	1894	2190391
I	294m W	Soap Works	1933	2236938
I	294m W	Unspecified Works	1974	2260151
F	297m W	Railway Sidings	1898	2182838
K	297m W	Railway Buildings	1933	2251578
L	299m N	Unspecified Commercial/Industrial	1913	2285466
K	300m W	Railway Building	1912	2196505
G	300m N	Hole	1948	2227709
F	302m W	Railway Sidings	1896	2249984
K	303m W	Unspecified Ground Workings	1894	2133357
G	303m NE	Unspecified Hole	1913	2213851



ID	Location	Land use	Dates present	Group ID
N	304m SW	Cuttings	1867 - 1966	2292964
N	304m SW	Cuttings	1974 - 1987	2257647
N	306m SW	Cuttings	1933	2215275
N	306m SW	Cuttings	1894	2260249
8	308m E	Unspecified Quarry	1961	2144955
O	308m SW	Cuttings	1938	2194784
O	308m SW	Cuttings	1920	2232079
N	309m SW	Cuttings	1948 - 1961	2206146
O	310m SW	Cuttings	1911	2171772
N	311m SW	Cuttings	1913	2173155
O	312m SW	Cuttings	1893	2258110
F	320m W	Railway Sidings	1913	2243552
I	322m W	Unspecified Works	1987	2206163
I	322m W	Unspecified Works	1966	2286669
P	324m SE	Unspecified Heap	1933	2200906
P	326m SE	Unspecified Heap	1966 - 1974	2202343
P	326m SE	Unspecified Heap	1894	2214316
K	333m W	Railway Building	1912	2265818
P	333m SE	Unspecified Heap	1867	2201774
F	335m W	Dock	1912	2277280
P	345m SE	Unspecified Heap	1893	2200316
P	346m SE	Unspecified Heap	1911	2222780
Q	346m W	Unspecified Yard	1961	2157884
I	349m W	Council Yard	1933	2191288
I	349m W	Council Yard	1912 - 1913	2275547
I	350m W	Corporation Yard	1938	2170461
I	350m W	Corporation Yard	1948	2192078
I	351m W	Council Yard	1912	2169615



ID	Location	Land use	Dates present	Group ID
P	357m SE	Unspecified Heap	1948	2236483
10	359m SE	Unspecified Pit	1867	2125225
P	360m SE	Unspecified Heap	1961	2250213
L	362m N	Unspecified Commercial/Industrial	1866 - 1938	2239201
N	363m SW	Cuttings	1935 - 1938	2232878
Q	367m W	Timber Yard	1912	2224790
P	368m SE	Unspecified Heap	1938	2220641
P	368m SE	Unspecified Heap	1920	2250690
N	376m SW	Cuttings	1912	2238278
K	377m W	Railway Building	1894	2148359
I	377m W	Unspecified Heap	1894	2201468
N	379m SW	Cuttings	1912	2188062
N	384m SW	Cuttings	1894	2177956
L	384m N	Unspecified Works	1966	2232602
K	396m W	Railway Building	1894	2245546
L	408m N	Unspecified Works	1974 - 1987	2286222
Q	410m W	Corporation Yard	1935	2181395
L	412m N	Gas Works	1898 - 1911	2170585
L	412m N	Gas Works	1893 - 1894	2182632
K	413m W	Railway Building	1912	2181263
K	413m W	Railway Building	1894	2245552
Q	413m W	Unspecified Commercial/Industrial	1987	2182808
Q	414m W	Railway Sidings	1935 - 1938	2227619
Q	415m W	Timber Yard	1933	2245847
Q	415m W	Unspecified Works	1966 - 1974	2241236
Q	416m W	Unspecified Commercial/Industrial	1948	2207504
Q	417m W	Timber Yard	1912 - 1913	2177099
Q	417m W	Railway Sidings	1961	2292546



ID	Location	Land use	Dates present	Group ID
S	417m N	Works	1948	2157131
S	417m N	Metropolitan Water Board Works	1948	2164863
S	417m N	Water Works	1933	2257133
S	419m N	Unspecified Works	1961 - 1966	2273549
Q	423m W	Railway Sidings	1948	2244028
13	425m NE	Boat House	1911	2146205
14	433m E	Grave Yard	1867	2145700
L	435m N	Unspecified Tank	1966	2198242
L	436m N	Unspecified Tanks	1974	2197243
L	438m N	Gasometers	1911	2194129
L	439m N	Unspecified Tanks	1938	2280305
L	440m N	Gasometers	1898	2258188
L	440m N	Gasometers	1893	2247157
L	440m N	Gasometer	1894	2139822
Q	444m W	Unspecified Wharf	1966 - 1974	2280947
L	446m N	Unspecified Tank	1987	2283520
L	446m N	Unspecified Tanks	1961	2211846
F	447m W	Railway Building	1933	2252453
L	448m N	Tanks	1948	2200508
F	450m W	Railway Building	1912	2294255
L	453m N	Unspecified Tank	1961	2170998
F	454m W	Railway Building	1912	2279380
L	455m N	Unspecified Tanks	1961	2235966
17	460m NE	Unspecified Wharf	1867	2157225
L	462m N	Gasometers	1866	2199784
L	464m N	Gasometer	1911	2270377
L	464m N	Gasometer	1894	2238750
L	466m N	Unspecified Tank	1974 - 1987	2290652



ID	Location	Land use	Dates present	Group ID
S	473m N	Water Works	1894	2179539
S	473m N	Water Works	1893	2243653
S	473m N	Water Works	1898	2170579
S	473m N	Water Works	1911	2248484
L	474m N	Unspecified Tanks	1961	2250822
S	474m N	Water Works	1938	2203342
S	474m N	Water Works	1920	2249822
18	475m N	Water Works	1866	2241213
S	477m N	Water Works	1913	2271069
L	478m N	Gasometers	1866	2197858
L	479m N	Gasometer	1894	2139823
F	494m W	Railway Buildings	1894	2163416
L	494m N	Unspecified Tanks	1961	2223746
19	497m S	Unspecified Ground Workings	1911	2241795
L	498m N	Gasometers	1866	2236995

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

72

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
A	On site	Unspecified Tank	1991	363100
2	39m NE	Pump and Tank	1869	374783
4	155m E	Unspecified Tank	1896	363099



ID	Location	Land use	Dates present	Group ID
E	198m NE	Unspecified Tank	1991	363093
D	208m SE	Unspecified Tank	1896	363097
7	274m NW	Unspecified Tank	1935	363083
L	288m N	Gas Works	1896	383062
M	297m NE	Tank or Trough	1869	379537
I	301m W	Unspecified Tank	1896	363082
J	309m N	Unspecified Tank	1960	410641
L	313m N	Gas Works	1867	406987
R	359m E	Unspecified Tank	1960	386519
R	359m E	Unspecified Tank	1960	395781
R	359m E	Unspecified Tank	1961	410926
L	364m N	Gasholder Station	1977	405261
11	365m SW	Unspecified Tank	1916	363098
R	368m E	Unspecified Tank	1940	363095
12	375m NW	Unspecified Tank	1867	363084
R	383m E	Unspecified Tank	1940	363094
L	389m N	Gasometers	1896	374384
R	393m E	Unspecified Tank	1869	363368
R	397m E	Unspecified Tank	1913 - 1933	391943
L	399m N	Gasometer	1896	373872
R	399m E	Tanks	1960 - 1961	406189
R	399m E	Unspecified Tank	1915	363096
L	405m N	Gasholder Station	1980	381661
R	410m E	Unspecified Tank	1869	363367
L	416m N	Gas Holder Station	1987	380364
R	416m E	Tanks	1960 - 1961	392667
L	418m N	Unspecified Tank	1961	409274
L	418m N	Unspecified Tank	1960	407766



ID	Location	Land use	Dates present	Group ID
R	425m E	Unspecified Tank	1869	363366
R	431m E	Unspecified Tank	1913 - 1933	381620
R	432m E	Unspecified Tank	1960 - 1961	398438
R	433m E	Unspecified Tank	1915	363369
L	434m N	Tanks	1935 - 1961	411534
15	435m S	Tanks	1916	375748
L	436m N	Unspecified Tank	1960	410985
L	436m N	Unspecified Tank	1961	395447
L	437m N	Tanks	1935	375732
L	440m N	Gas Holder	1980	379129
L	440m N	Unspecified Tank	1935	385424
L	440m N	Gasholder	1977	374566
L	440m N	Unspecified Tank	1960 - 1961	387980
L	441m N	Gasometers	1867 - 1896	385459
L	442m N	Unspecified Tank	1980 - 1987	404082
L	442m N	Unspecified Tank	1977	403617
L	446m N	Unspecified Tank	1935	363092
L	449m N	Gas Holder Station	1987	380365
L	449m N	Unspecified Tank	1960	392391
R	451m E	Unspecified Tank	1913 - 1933	385160
R	453m E	Unspecified Tank	1960	388515
R	453m E	Unspecified Tank	-	359004
R	455m E	Unspecified Tank	1915	363373
U	455m S	Tanks	1916	375750
R	456m E	Unspecified Tank	1959 - 1960	409752
L	457m N	Unspecified Tank	1961	382409
R	457m E	Unspecified Tank	-	358810
L	458m N	Unspecified Tank	1960	381241



ID	Location	Land use	Dates present	Group ID
T	459m W	Unspecified Tank	1867	363081
U	460m S	Tanks	1916	375749
L	463m N	Unspecified Tank	1935	397450
L	465m N	Unspecified Tank	1960	382507
L	465m N	Gasholder	1977	374565
L	465m N	Unspecified Tank	1961	410564
L	465m N	Gas Holder	1980 - 1987	404158
V	466m SW	Unspecified Tank	1916	363112
L	468m N	Gas Holder	1980 - 1987	390763
L	473m N	Unspecified Tank	1935 - 1960	398222
L	476m N	Unspecified Tank	1961	384537
V	478m SW	Unspecified Tank	1916	363109
L	482m N	Unspecified Tank	1960 - 1961	388095

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

35

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
B	5m NE	Electricity Substation	1991	243795
L	288m N	Gas Works	1896	253517
M	291m NE	Electricity Substation	1989	243787
M	292m NE	Electricity Substation	-	240608
I	292m NW	Electricity Substation	1977 - 1987	273460



ID	Location	Land use	Dates present	Group ID
M	293m NE	Electricity Substation	1980 - 1987	287720
I	293m NW	Electricity Substation	1995	266655
L	313m N	Gas Works	1867	254738
I	325m NW	Electricity Substation	1977 - 1995	275013
I	330m W	Electricity Substation	1977 - 1995	279863
9	355m NW	Electricity Substation	1977 - 1995	256925
L	364m N	Gasholder Station	1977 - 1980	261298
L	389m N	Gasometers	1896	251819
L	399m N	Gasometer	1896	251354
L	416m N	Gas Holder Station	1987	251237
I	416m W	Electricity Substation	1979 - 1991	276515
P	426m SE	Electricity Substation	1986	243796
L	433m N	Electricity Substation	1987 - 1991	263185
T	434m NW	Electricity Substation	1995	243779
L	440m N	Gas Holder	1980	251687
L	440m N	Gasholder	1977	249882
L	441m N	Gasometers	1867 - 1896	265151
T	447m NW	Electricity Substation	1987 - 1992	285154
T	448m NW	Electricity Transformer	1970	250628
L	449m N	Gas Holder Station	1987	251238
R	461m E	Electricity Substation	1995 - 1997	273380
R	463m E	Electricity Substation	1980	287991
L	465m N	Gasholder	1977	249881
L	465m N	Gas Holder	1980 - 1987	282177
L	468m N	Gas Holder	1980 - 1987	280796
W	476m N	Electricity Substation	1995	253272
W	476m N	Electricity Substation	1995	266796
W	476m N	Electricity Substation	1977	243780



ID	Location	Land use	Dates present	Group ID
W	478m N	Electricity Substation	1980	254434
W	478m N	Electricity Substation	1987	256179

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 14**

ID	Location	Land use	Dates present	Group ID
Q	415m W	Motor Repair Works	1935	74051
T	446m W	Garage	1960	80911
16	459m W	Garage	1979	73267

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

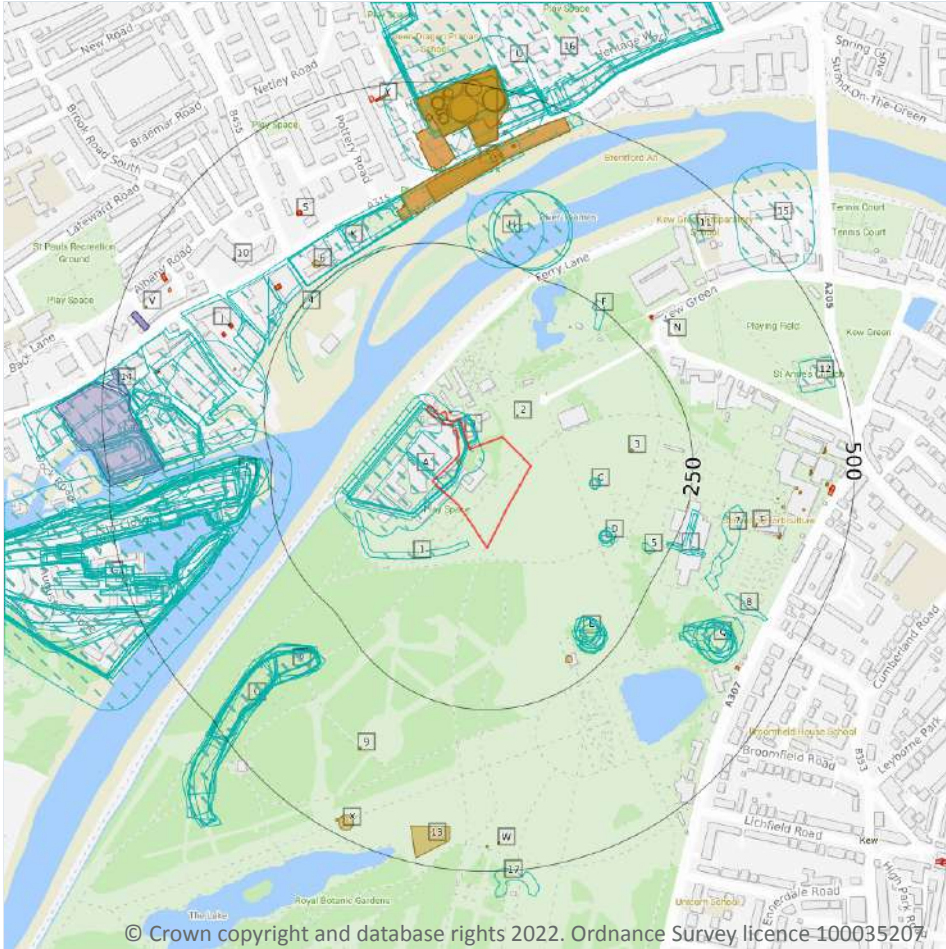
0

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 **235**

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 28**

ID	Location	Land Use	Date	Group ID
A	On site	Nursery	1933	2273713
A	On site	Nursery	1948	2218275
A	On site	Nursery	1948	2218275

ID	Location	Land Use	Date	Group ID
A	On site	Nursery	1913	2244032
A	On site	Unspecified Depot	1920	2275064
A	On site	Nursery	1920	2206355
A	On site	Unspecified Depot	1938	2218699
A	On site	Nursery	1938	2258115
A	On site	Nursery	1961	2276365
A	On site	Nursery	1966	2276365
A	On site	Nursery	1867	2201346
B	On site	Depot	1948	2201483
B	On site	Depot	1948	2201483
B	On site	Unspecified Depot	1913	2208121
B	On site	Unspecified Depot	1961	2247310
A	5m NW	Unspecified Depot	1933	2275064
1	19m SW	Unspecified Ground Workings	1898	2133358
C	94m E	Unspecified Heap	1948	2272623
C	94m E	Unspecified Heap	1948	2272623
D	144m SE	Unspecified Heap	1961	2286720
D	145m SE	Unspecified Heap	1948	2197239
D	145m SE	Unspecified Heap	1948	2197239
D	145m SE	Unspecified Heap	1913	2221979
D	149m SE	Unspecified Pit	1933	2125224
E	178m SE	Unspecified Heap	1948	2241533
E	178m SE	Unspecified Heap	1948	2241533
E	182m SE	Unspecified Heap	1974	2255145
E	182m SE	Unspecified Heap	1961	2255145
E	182m SE	Unspecified Heap	1966	2255145
E	183m SE	Unspecified Heap	1893	2236830
E	184m SE	Unspecified Heap	1933	2241533



ID	Location	Land Use	Date	Group ID
E	185m SE	Unspecified Heap	1867	2263428
E	192m SE	Unspecified Heap	1920	2241533
E	192m SE	Unspecified Heap	1938	2241533
4	197m W	Unspecified Wharf	1961	2157224
E	203m SE	Unspecified Heap	1894	2196972
E	203m SE	Unspecified Ground Workings	1911	2234719
E	205m SE	Unspecified Ground Workings	1898	2234719
5	209m SE	Unspecified Heap	1933	2136597
G	219m W	Dock	1938	2183043
F	220m NE	Unspecified Heap	1987	2136598
H	236m NE	Unspecified Hole	1866	2274491
I	240m SE	Range	1911	2165918
J	243m W	Unspecified Commercial/Industrial	1913	2130762
I	244m SE	Testing Range	1893	2140874
J	245m W	Soap Works	1912	2179549
H	249m NE	Unspecified Hole	1933	2280516
H	250m NE	Unspecified Hole	1920	2203603
H	250m NE	Unspecified Hole	1938	2289190
G	253m W	Railway Sidings	1966	2192612
G	253m W	Dock	1966	2261519
G	254m W	Dock	1865	2193071
G	254m W	Railway Sidings	1865	2261166
K	258m NW	Brewery	1933	2275447
K	258m NW	Brewery	1894	2273703
K	259m NW	Unspecified Works	1966	2159628
K	259m NW	Brewery	1898	2187125
K	259m NW	Brewery	1893	2273703
K	261m NW	Brewery	1920	2196776



ID	Location	Land Use	Date	Group ID
K	261m NW	Brewery	1938	2185018
J	261m NW	Unspecified Wharf	1920	2220812
J	261m NW	Unspecified Wharf	1938	2177897
J	261m W	Soap Works	1913	2260076
J	261m NW	Unspecified Yard	1920	2238993
K	261m NW	Brewery	1866	2227121
J	263m W	Soap Works	1912	2265246
J	267m NW	Unspecified Yard	1933	2238993
G	267m W	Dock	1933	2199996
G	267m W	Dock	1894	2222547
K	268m N	Brewery	1911	2288009
J	268m W	Unspecified Wharf	1933	2274611
J	268m W	Wharf	1948	2257825
J	268m W	Wharf	1948	2257825
G	269m W	Unspecified Dock	1913	2266544
G	269m W	Railway Sidings	1938	2286894
K	270m NW	Brewery	1913	2196776
G	270m W	Railway Sidings	1912	2243685
G	270m W	Unspecified Dock	1898	2268927
J	270m W	Unspecified Wharf	1913	2239635
G	272m W	Dock	1894	2241239
G	272m W	Railway Sidings	1894	2186109
G	272m W	Railway Sidings	1894	2186109
G	272m W	Railway Sidings	1961	2176008
G	272m W	Dock	1961	2196511
J	272m NW	Unspecified Commercial/Industrial	1913	2130763
G	272m W	Railway Sidings	1912	2243685
J	273m NW	Barge Building Yard	1913	2162328



ID	Location	Land Use	Date	Group ID
G	273m W	Unspecified Dock	1896	2176302
G	273m W	Dock	1948	2241175
G	273m W	Dock	1948	2241175
L	279m W	Railway Buildings	1894	2219241
G	282m W	Railway Sidings	1935	2205415
G	282m W	Dock	1935	2275996
G	282m W	Dock	1935	2275996
G	282m W	Railway Sidings	1933	2205415
G	289m W	Railway Sidings	1948	2279698
G	289m W	Railway Sidings	1948	2279698
G	292m W	Railway Sidings	1894	2190391
J	294m W	Soap Works	1933	2236938
J	294m W	Unspecified Works	1974	2260151
G	297m W	Railway Sidings	1898	2182838
L	297m W	Railway Buildings	1933	2251578
M	299m N	Unspecified Commercial/Industrial	1913	2285466
L	300m W	Railway Building	1912	2196505
H	300m N	Hole	1948	2227709
H	300m N	Hole	1948	2227709
G	302m W	Railway Sidings	1896	2249984
L	303m W	Unspecified Ground Workings	1894	2133357
H	303m NE	Unspecified Hole	1913	2213851
L	303m W	Railway Building	1912	2196505
O	304m SW	Cuttings	1867	2292964
O	304m SW	Cuttings	1987	2257647
O	304m SW	Cuttings	1974	2257647
O	306m SW	Cuttings	1933	2215275
O	306m SW	Cuttings	1894	2260249



ID	Location	Land Use	Date	Group ID
7	308m E	Unspecified Quarry	1961	2144955
P	308m SW	Cuttings	1920	2232079
P	308m SW	Cuttings	1938	2194784
O	309m SW	Cuttings	1961	2206146
O	309m SW	Cuttings	1966	2292964
O	309m SW	Cuttings	1898	2292964
P	310m SW	Cuttings	1911	2171772
O	311m SW	Cuttings	1913	2173155
O	312m SW	Cuttings	1948	2206146
O	312m SW	Cuttings	1948	2206146
P	312m SW	Cuttings	1893	2258110
G	320m W	Railway Sidings	1913	2243552
J	322m W	Unspecified Works	1987	2206163
J	322m W	Unspecified Works	1966	2286669
Q	324m SE	Unspecified Heap	1933	2200906
Q	326m SE	Unspecified Heap	1974	2202343
Q	326m SE	Unspecified Heap	1966	2202343
Q	326m SE	Unspecified Heap	1894	2214316
L	333m W	Railway Building	1912	2265818
Q	333m SE	Unspecified Heap	1867	2201774
G	335m W	Dock	1912	2277280
L	336m W	Railway Building	1912	2265818
Q	345m SE	Unspecified Heap	1893	2200316
Q	346m SE	Unspecified Heap	1911	2222780
R	346m W	Unspecified Yard	1961	2157884
J	349m W	Council Yard	1933	2191288
J	349m W	Council Yard	1913	2275547
J	350m W	Corporation Yard	1938	2170461



ID	Location	Land Use	Date	Group ID
J	350m W	Council Yard	1912	2275547
J	350m W	Corporation Yard	1948	2192078
J	350m W	Corporation Yard	1948	2192078
J	351m W	Council Yard	1912	2169615
Q	357m SE	Unspecified Heap	1948	2236483
Q	357m SE	Unspecified Heap	1948	2236483
8	359m SE	Unspecified Pit	1867	2125225
Q	360m SE	Unspecified Heap	1961	2250213
M	362m N	Unspecified Commercial/Industrial	1866	2239201
O	363m SW	Cuttings	1935	2232878
O	367m SW	Cuttings	1938	2232878
R	367m W	Timber Yard	1912	2224790
Q	368m SE	Unspecified Heap	1920	2250690
Q	368m SE	Unspecified Heap	1938	2220641
O	376m SW	Cuttings	1912	2238278
L	377m W	Railway Building	1894	2148359
J	377m W	Unspecified Heap	1894	2201468
O	379m SW	Cuttings	1912	2188062
O	384m SW	Cuttings	1894	2177956
M	384m N	Unspecified Works	1966	2232602
J	384m W	Unspecified Heap	1894	2201468
L	396m W	Railway Building	1894	2245546
M	408m N	Unspecified Works	1974	2286222
R	410m W	Corporation Yard	1935	2181395
M	411m N	Unspecified Works	1987	2286222
M	412m N	Gas Works	1911	2170585
M	412m N	Gas Works	1894	2182632
L	413m W	Railway Building	1912	2181263



ID	Location	Land Use	Date	Group ID
L	413m W	Railway Building	1894	2245552
M	413m N	Gas Works	1893	2182632
R	413m W	Unspecified Commercial/Industrial	1987	2182808
M	414m N	Gas Works	1898	2170585
R	414m W	Railway Sidings	1935	2227619
R	414m W	Railway Sidings	1938	2227619
R	415m W	Timber Yard	1933	2245847
R	415m W	Unspecified Works	1974	2241236
R	415m W	Unspecified Works	1966	2241236
R	416m W	Unspecified Commercial/Industrial	1948	2207504
R	416m W	Unspecified Commercial/Industrial	1948	2207504
R	417m W	Timber Yard	1913	2177099
R	417m W	Railway Sidings	1961	2292546
L	417m W	Railway Building	1912	2181263
U	417m N	Works	1948	2157131
U	417m N	Metropolitan Water Board Works	1948	2164863
U	417m N	Water Works	1933	2257133
M	417m N	Unspecified Commercial/Industrial	1938	2239201
U	419m N	Unspecified Works	1961	2273549
R	423m W	Timber Yard	1912	2177099
R	423m W	Railway Sidings	1948	2244028
R	423m W	Railway Sidings	1948	2244028
11	425m NE	Boat House	1911	2146205
12	433m E	Grave Yard	1867	2145700
M	435m N	Unspecified Tank	1966	2198242
M	436m N	Unspecified Tanks	1974	2197243
M	438m N	Gasometers	1911	2194129
M	439m N	Unspecified Tanks	1938	2280305



ID	Location	Land Use	Date	Group ID
M	440m N	Gasometers	1898	2258188
M	440m N	Gasometers	1893	2247157
M	440m N	Gasometer	1894	2139822
R	444m W	Unspecified Wharf	1974	2280947
R	444m W	Unspecified Wharf	1966	2280947
M	446m N	Unspecified Tank	1987	2283520
M	446m N	Unspecified Tanks	1961	2211846
G	447m W	Railway Building	1933	2252453
M	448m N	Tanks	1948	2200508
M	448m N	Tanks	1948	2200508
G	450m W	Railway Building	1912	2294255
M	453m N	Unspecified Tank	1961	2170998
G	454m W	Railway Building	1912	2279380
M	455m N	Unspecified Tanks	1961	2235966
15	460m NE	Unspecified Wharf	1867	2157225
M	462m N	Gasometers	1866	2199784
M	464m N	Gasometer	1911	2270377
M	464m N	Gasometer	1894	2238750
M	466m N	Unspecified Tank	1974	2290652
M	470m N	Unspecified Tank	1987	2290652
U	473m N	Water Works	1894	2179539
U	473m N	Water Works	1893	2243653
U	473m N	Water Works	1898	2170579
U	473m N	Water Works	1911	2248484
M	474m N	Unspecified Tanks	1961	2250822
U	474m N	Unspecified Works	1966	2273549
U	474m N	Water Works	1920	2249822
U	474m N	Water Works	1938	2203342



ID	Location	Land Use	Date	Group ID
16	475m N	Water Works	1866	2241213
U	477m N	Water Works	1913	2271069
M	478m N	Gasometers	1866	2197858
M	479m N	Gasometer	1894	2139823
G	494m W	Railway Buildings	1894	2163416
M	494m N	Unspecified Tanks	1961	2223746
17	497m S	Unspecified Ground Workings	1911	2241795
M	498m N	Gasometers	1866	2236995

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

102

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 28**

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Tank	1991	363100
2	39m NE	Pump and Tank	1869	374783
3	155m E	Unspecified Tank	1896	363099
F	198m NE	Unspecified Tank	1991	363093
E	208m SE	Unspecified Tank	1896	363097
6	274m NW	Unspecified Tank	1935	363083
M	288m N	Gas Works	1896	383062
N	297m NE	Tank or Trough	1869	379537
J	301m W	Unspecified Tank	1896	363082
K	309m N	Unspecified Tank	1960	410641
K	309m N	Unspecified Tank	1960	410641
M	313m N	Gas Works	1867	406987



ID	Location	Land Use	Date	Group ID
T	359m E	Unspecified Tank	1960	395781
T	359m E	Unspecified Tank	1960	386519
T	359m E	Unspecified Tank	1961	410926
M	364m N	Gasholder Station	1977	405261
9	365m SW	Unspecified Tank	1916	363098
T	368m E	Unspecified Tank	1940	363095
10	375m NW	Unspecified Tank	1867	363084
T	383m E	Unspecified Tank	1940	363094
M	389m N	Gasometers	1896	374384
T	393m E	Unspecified Tank	1869	363368
T	397m E	Unspecified Tank	1913	391943
T	397m E	Unspecified Tank	1933	391943
M	399m N	Gasometer	1896	373872
T	399m E	Tanks	1961	406189
T	399m E	Tanks	1960	406189
T	399m E	Tanks	1960	406189
T	399m E	Unspecified Tank	1915	363096
M	405m N	Gasholder Station	1980	381661
T	410m E	Unspecified Tank	1869	363367
M	416m N	Gas Holder Station	1987	380364
T	416m E	Tanks	1960	392667
T	416m E	Tanks	1960	392667
T	416m E	Tanks	1961	392667
M	418m N	Unspecified Tank	1961	409274
M	418m N	Unspecified Tank	1960	407766
M	418m N	Unspecified Tank	1960	407766
T	425m E	Unspecified Tank	1869	363366
T	431m E	Unspecified Tank	1913	381620



ID	Location	Land Use	Date	Group ID
T	431m E	Unspecified Tank	1933	381620
T	432m E	Unspecified Tank	1960	398438
T	432m E	Unspecified Tank	1960	398438
T	432m E	Unspecified Tank	1961	398438
T	433m E	Unspecified Tank	1915	363369
M	434m N	Tanks	1935	411534
13	435m S	Tanks	1916	375748
M	436m N	Unspecified Tank	1960	410985
M	436m N	Unspecified Tank	1960	410985
M	436m N	Unspecified Tank	1961	395447
M	437m N	Tanks	1935	375732
M	440m N	Gas Holder	1980	379129
M	440m N	Unspecified Tank	1935	385424
M	440m N	Gasholder	1977	374566
M	440m N	Unspecified Tank	1960	387980
M	440m N	Unspecified Tank	1961	387980
M	440m N	Unspecified Tank	1960	387980
M	441m N	Gasometers	1896	385459
M	442m N	Unspecified Tank	1987	404082
M	442m N	Unspecified Tank	1980	404082
M	442m N	Unspecified Tank	1977	403617
M	446m N	Unspecified Tank	1935	363092
M	449m N	Gas Holder Station	1987	380365
M	449m N	Unspecified Tank	1960	392391
M	449m N	Unspecified Tank	1960	392391
M	449m N	Tanks	1961	411534
T	451m E	Unspecified Tank	1913	385160
T	451m E	Unspecified Tank	1933	385160



ID	Location	Land Use	Date	Group ID
T	453m E	Unspecified Tank	1960	388515
T	453m E	Unspecified Tank	1960	388515
T	453m E	Unspecified Tank	-	359004
T	455m E	Unspecified Tank	1915	363373
W	455m S	Tanks	1916	375750
T	456m E	Unspecified Tank	1959	409752
M	457m N	Unspecified Tank	1961	382409
T	457m E	Unspecified Tank	1960	409752
T	457m E	Unspecified Tank	1960	409752
T	457m E	Unspecified Tank	-	358810
M	458m N	Unspecified Tank	1960	381241
M	458m N	Unspecified Tank	1960	381241
V	459m W	Unspecified Tank	1867	363081
W	460m S	Tanks	1916	375749
M	463m N	Unspecified Tank	1935	397450
M	464m N	Gasometers	1867	385459
M	465m N	Unspecified Tank	1960	382507
M	465m N	Unspecified Tank	1960	382507
M	465m N	Unspecified Tank	1961	410564
M	465m N	Gasholder	1977	374565
M	465m N	Gas Holder	1987	404158
M	465m N	Gas Holder	1980	404158
X	466m SW	Unspecified Tank	1916	363112
M	467m N	Unspecified Tank	1961	410564
M	468m N	Gas Holder	1980	390763
M	468m N	Gas Holder	1987	390763
M	473m N	Unspecified Tank	1935	398222
M	476m N	Unspecified Tank	1960	398222



ID	Location	Land Use	Date	Group ID
M	476m N	Unspecified Tank	1960	398222
M	476m N	Unspecified Tank	1961	384537
X	478m SW	Unspecified Tank	1916	363109
M	482m N	Unspecified Tank	1960	388095
M	482m N	Unspecified Tank	1960	388095
M	482m N	Unspecified Tank	1961	388095

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

61

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 28**

ID	Location	Land Use	Date	Group ID
B	5m NE	Electricity Substation	1991	243795
M	288m N	Gas Works	1896	253517
N	291m NE	Electricity Substation	1989	243787
N	292m NE	Electricity Substation	-	240608
J	292m NW	Electricity Substation	1977	273460
N	293m NE	Electricity Substation	1980	287720
N	293m NE	Electricity Substation	1987	287720
J	293m NW	Electricity Substation	1987	273460
J	293m NW	Electricity Substation	1980	273460
J	293m NW	Electricity Substation	1995	266655
J	293m NW	Electricity Substation	1995	266655
M	313m N	Gas Works	1867	254738
J	325m NW	Electricity Substation	1977	275013
J	325m NW	Electricity Substation	1987	275013



ID	Location	Land Use	Date	Group ID
J	325m NW	Electricity Substation	1980	275013
J	325m NW	Electricity Substation	1995	275013
J	325m NW	Electricity Substation	1995	275013
J	330m W	Electricity Substation	1977	279863
J	330m W	Electricity Substation	1995	279863
J	330m W	Electricity Substation	1987	279863
J	330m W	Electricity Substation	1980	279863
J	330m W	Electricity Substation	1995	279863
S	355m NW	Electricity Substation	1977	256925
S	356m NW	Electricity Substation	1987	256925
S	356m NW	Electricity Substation	1980	256925
S	357m NW	Electricity Substation	1995	256925
S	357m NW	Electricity Substation	1995	256925
M	364m N	Gasholder Station	1977	261298
M	389m N	Gasometers	1896	251819
M	399m N	Gasometer	1896	251354
M	405m N	Gasholder Station	1980	261298
M	416m N	Gas Holder Station	1987	251237
J	416m W	Electricity Substation	1983	276515
J	416m W	Electricity Substation	1991	276515
J	416m W	Electricity Substation	1979	276515
Q	426m SE	Electricity Substation	1986	243796
M	433m N	Electricity Substation	1987	263185
M	434m N	Electricity Substation	1991	263185
V	434m NW	Electricity Substation	1995	243779
M	434m N	Electricity Substation	1989	263185
M	440m N	Gas Holder	1980	251687
M	440m N	Gasholder	1977	249882



ID	Location	Land Use	Date	Group ID
M	441m N	Gasometers	1896	265151
V	447m NW	Electricity Substation	1992	285154
V	448m NW	Electricity Transformer	1970	250628
M	449m N	Gas Holder Station	1987	251238
V	449m NW	Electricity Substation	1987	285154
T	461m E	Electricity Substation	1995	273380
T	461m E	Electricity Substation	1997	273380
T	463m E	Electricity Substation	1980	287991
M	464m N	Gasometers	1867	265151
M	465m N	Gasholder	1977	249881
M	465m N	Gas Holder	1987	282177
M	465m N	Gas Holder	1980	282177
M	468m N	Gas Holder	1980	280796
M	468m N	Gas Holder	1987	280796
Y	476m N	Electricity Substation	1995	266796
Y	476m N	Electricity Substation	1995	253272
Y	476m N	Electricity Substation	1977	243780
Y	478m N	Electricity Substation	1987	256179
Y	478m N	Electricity Substation	1980	254434

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

5

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'.

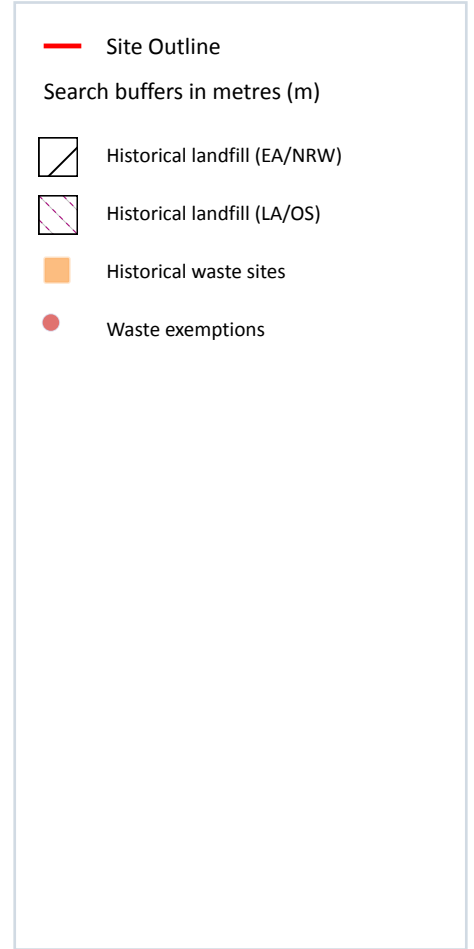
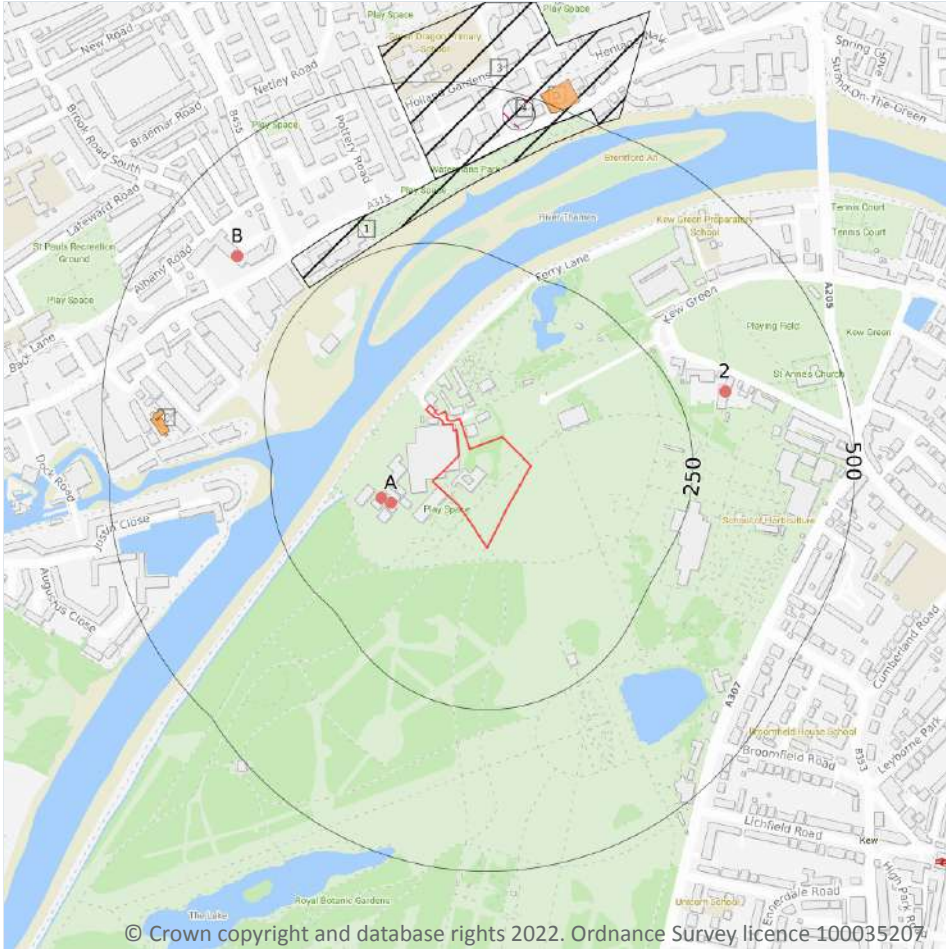
Features are displayed on the Past land use - un-grouped map on **page 28**

ID	Location	Land Use	Date	Group ID
R	415m W	Motor Repair Works	1935	74051
V	446m W	Garage	1960	80911
V	446m W	Garage	1960	80911
V	446m W	Garage	1960	80911
14	459m W	Garage	1979	73267

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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	1
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Landfill sites identified from Local Authority records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 45**

ID	Location	Site address	Source	Data type
4	445m N	184 Holland Gardens, Brentford	Hounslow Borough Coucil	Point

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	2
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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 45**

ID	Location	Details		
1	254m NW	Site Address: Watermans Park, High Street, Brentford Licence Holder Address: -	Waste Licence: - Site Reference: 8HO066 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: 31/12/1865
3	349m N	Site Address: Old Thames Water Gas Works, Brentford, Hounslow, London Licence Holder Address: -	Waste Licence: - Site Reference: 8HO082 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1960 Last Recorded: 31/12/1966

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

3.5 Historical waste sites

Records within 500m

4

Waste site records derived from Local Authority planning records and high detail historical mapping. Features are displayed on the Waste and landfill map on **page 45**

ID	Location	Address	Further Details	Date
C	396m W	Site Address: N/A	Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1935
C	397m W	Site Address: N/A	Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1915
D	487m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1988
D	488m NE	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1987

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

7

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 45**

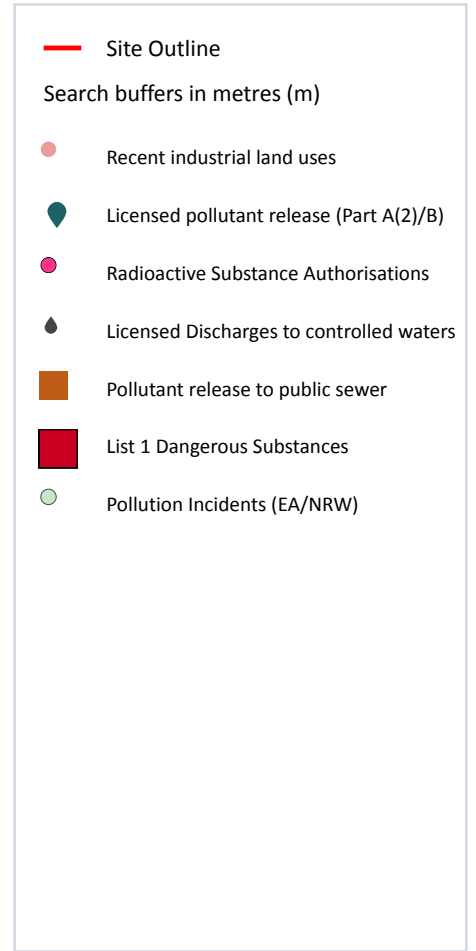
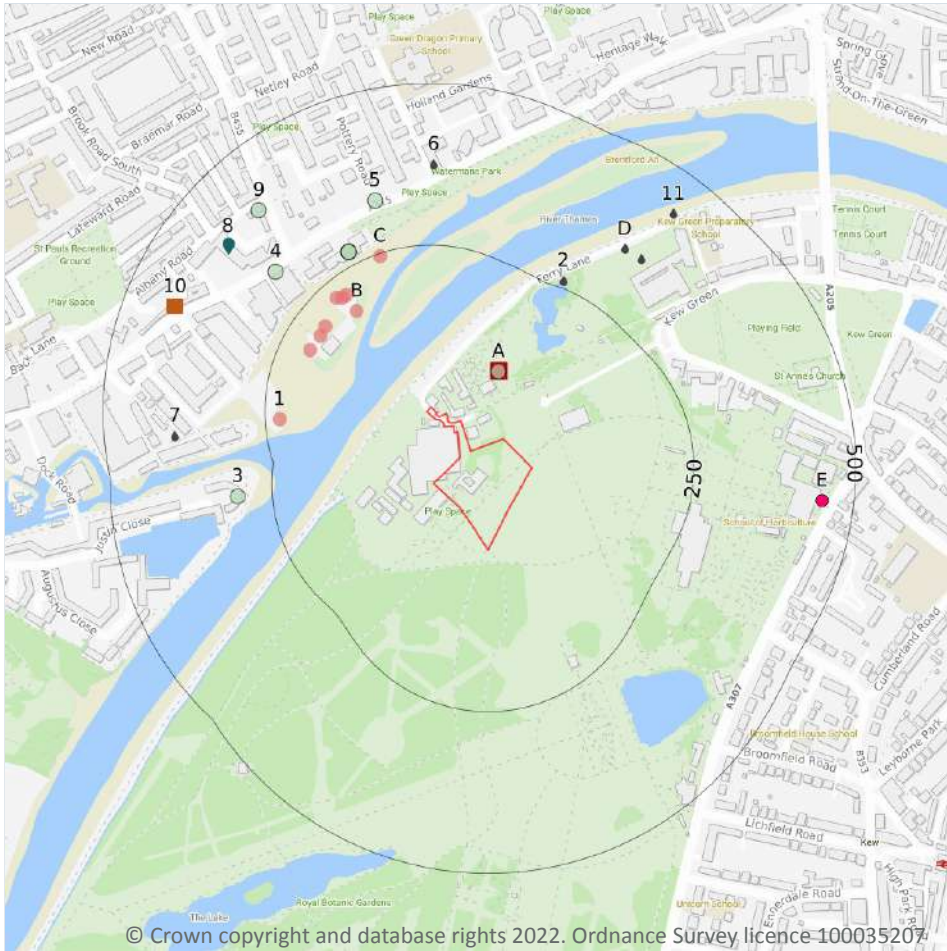


ID	Location	Site	Reference	Category	Sub-Category	Description
A	73m SW	Incinerator is part of the Plant Quarantine Unit, located behind the scenes at RBG Kew, adjacent to the Tropical Nursery and close to Brentford Gate.	WEX265531	Disposing of waste exemption	Not on a farm	Disposal by incineration
A	73m SW	-	WEX123511	Disposing of waste exemption	Not on a farm	Disposal by incineration
A	85m W	Plant Reception & Quarantine Unit Kew Surrey TW9 3AQ	EPR/HF0703M Y/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Disposal by incineration
2	320m E	Kew Gardens Kew Green Richmond Surrey TW9 3AB	EPR/BF0702HK /A001	Treating waste exemption	Non-Agricultural Waste Only	Crushing waste fluorescent tubes
B	376m NW	14-15, ALBANY PARADE, HIGH STREET, BRENTFORD, TW8 0JW	WEX219552	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	376m NW	14-15, ALBANY PARADE, HIGH STREET, BRENTFORD, TW8 0JW	WEX070738	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	376m NW	Albany Parade 14-15 High Street BRENTFORD Middlesex TW8 0JW	EPR/JE5283ZZ/A001	Treating waste exemption	Non-Agricultural Waste Only	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



4.1 Recent industrial land uses

Records within 250m

9

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 49**

ID	Location	Company	Address	Activity	Category
B	188m NW	Slipway	Greater London, TW8	Moorings and Unloading Facilities	Water
B	202m NW	Works	Greater London, TW8	Unspecified Works Or Factories	Industrial Features
B	204m NW	Crane	Greater London, TW8	Travelling Cranes and Gantries	Industrial Features



ID	Location	Company	Address	Activity	Category
B	205m NW	Wharf	Greater London, TW8	Moorings and Unloading Facilities	Water
B	217m NW	Wharf	Greater London, TW8	Moorings and Unloading Facilities	Water
B	217m NW	Crane	Greater London, TW9	Travelling Cranes and Gantries	Industrial Features
B	223m NW	Johns Boat Works Ltd	41, High Street, Brentford, Greater London, TW8 0BB	Marine Equipment Including Boats and Ships	Industrial Products
1	228m W	Ferry Wharf	Greater London, TW8	Moorings and Unloading Facilities	Water
C	246m N	Slipway	Greater London, TW8	Moorings and Unloading Facilities	Water

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

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	0
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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
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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
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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
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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
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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

1

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 49**

ID	Location	Address	Details	
8	400m NW	Brentford Dry Cleaners, 9 Albany Parade, High Street, Brentford, TW8 0JW	Process: Dry Cleaning Status: Historic 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

7

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 49**

ID	Location	Address	Details	
E	450m E	Royal Botanic Gardens, Jodrell Laboratory, Kew, Richmond, Surrey, TW9 3DS	Operator: Royal Botanic Gardens Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AH6716 Date of approval: 29/06/1993	Effective from: 09/08/1993 Last date of update: 01/01/2015 Status: Superseded By Variation
E	450m E	Royal Botanic Gardens, Jodrell Laboratory, Kew, Richmond, Surrey, TW9 3DS	Operator: Royal Botanic Gardens Type: - Permission number: AH6716 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation

ID	Location	Address	Details	
E	450m E	Royal Botanic Gardens, Jodrell Laboratory, Kew, Richmond, Surrey, TW9 3DS	Operator: Royal Botanic Gardens Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AH6716 Date of approval: 28/02/2001	Effective from: 23/03/2001 Last date of update: 01/01/2015 Status: Superseded By Variation
E	450m E	Royal Botanic Gardens, Jodrell Laboratory, Kew, Richmond, Surrey, TW9 3DS	Operator: Royal Botanic Gardens Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AH6716 Date of approval: 01/12/2003	Effective from: 01/01/2004 Last date of update: 01/01/2015 Status: Superseded By Variation
E	450m E	Royal Botanic Gardens, Jodrell Laboratory, Kew, Richmond, Surrey, TW9 3DS	Operator: Royal Botanic Gardens Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AH6716 Date of approval: 11/05/2005	Effective from: 08/06/2005 Last date of update: 01/01/2015 Status: Revoked/cancelled
E	450m E	Royal Botanic Gardens, Jodrell Laboratory, Kew, Richmond, Surrey, TW9 3DS	Operator: Royal Botanic Gardens Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AH6724 Date of approval: 28/02/2001	Effective from: 28/02/2001 Last date of update: 01/01/2015 Status: Superseded By Variation
E	450m E	Royal Botanic Gardens, Jodrell Laboratory, Kew, Richmond, Surrey, TW9 3DS	Operator: Royal Botanic Gardens Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AH6724 Date of approval: 11/05/2005	Effective from: 11/05/2005 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

6

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 49**

ID	Location	Address	Details	
2	261m N	ROYAL BOTANIC GARDENS, KEW, SURREY, ROYAL BOTANIC GARDENS KEW SURR, EY TW9 3AB	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTWC.1040 Permit Version: 1 Receiving Water: FLOOD PLAINGRAVEL	Status: TRANSFERRED FROM COPA 1974 Issue date: 23/07/1986 Effective Date: 23/07/1986 Revocation Date: -



ID	Location	Address	Details	
D	348m NE	NEW HERBARIUM & LIBRARY, ROYAL BOTANIC GARDENS, KEW, RICHMOND, SURREY, TW9 3AG	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: NPSWQD005538 Permit Version: 1 Receiving Water: GW VIA BOREHOLE & R.THAMES	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 28/04/2009 Effective Date: 28/04/2009 Revocation Date: 28/04/2021
D	350m NE	NEW HERBARIUM & LIBRARY, ROYAL BOTANIC GARDENS, KEW, RICHMOND, SURREY, TW9 3AG	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: NPSWQD005538 Permit Version: 1 Receiving Water: GW VIA BOREHOLE & R.THAMES	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 28/04/2009 Effective Date: 28/04/2009 Revocation Date: 28/04/2021
6	375m N	BRENTFORD GAS WORKS, BRENTFORD HIGH STREET, BRENTFORD, ., MIDDLESEX	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: CATM.3338 Permit Version: 1 Receiving Water: RIVER TERRACE DEPOSITS	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 18/03/1999 Effective Date: 22/07/1998 Revocation Date: 02/12/1999
7	391m W	SURFACE WATER OUTFALL, TOWN MEADOW, SURFACE WATER OUTFALL TOWN MEAD, OW BRENTFORD MIDDLESEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CNTW.1202 Permit Version: 1 Receiving Water: BRENTFORD CREEK	Status: REVOKED - UNSPECIFIED Issue date: 22/07/1991 Effective Date: 22/07/1991 Revocation Date: 31/03/1993
11	435m NE	NEW HERBARIUM & LIBRARY, ROYAL BOTANIC GARDENS, KEW, RICHMOND, SURREY, TW9 3AG	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: NPSWQD005538 Permit Version: 1 Receiving Water: GW VIA BOREHOLE & R.THAMES	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 28/04/2009 Effective Date: 28/04/2009 Revocation Date: 28/04/2021

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 49**

ID	Location	Address	Details	
10	422m NW	HG ARNOLD, 273 HIGH STREET, 273 HIGH STREET, BRENTFORD, MIDDLESEX, TW8 0JL	Permission reference: AR7602 Local Authority: LONDON BOROUGH OF HOUNSLOW First received date: 01/01/2015	Last received date: 01/01/2015 Status: RECEIVED

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

4.16 List 1 Dangerous Substances

Records within 500m

3

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

Features are displayed on the Current industrial land use map on **page 49**

ID	Location	Name	Status	Receiving Water	Authorised Substances
A	96m NE	Isleworth Metal High Street Brentford	Not Active	-	-
A	96m NE	Isleworth Metal High Street Brentford	Not Active	-	-
A	96m NE	Isleworth Polishing & Plating, High Street, Brentford	Active	Thames Estuary	Mercury (other), Cadmium

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

9

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 49**

ID	Location	Details	
A	95m NE	Incident Date: 09/07/2001 Incident Identification: 14889 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
C	271m NW	Incident Date: 31/01/2002 Incident Identification: 55603 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	271m NW	Incident Date: 31/01/2002 Incident Identification: 55603 Pollutant: Specific Waste Materials:Specific Waste Materials:Specific Waste Materials Pollutant Description: Batteries:Tyres:Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	271m NW	Incident Date: 31/01/2002 Incident Identification: 55603 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	271m NW	Incident Date: 31/01/2002 Incident Identification: 55603 Pollutant: Specific Waste Materials Pollutant Description: Batteries	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
3	303m W	Incident Date: 23/06/2002 Incident Identification: 86689 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
4	318m NW	Incident Date: 23/07/2001 Incident Identification: 18239 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)



ID	Location	Details	
5	330m N	Incident Date: 19/09/2003 Incident Identification: 191040 Pollutant: Inert Materials and Wastes:Specific Waste Materials Pollutant Description: Construction and Demolition Materials and Wastes:Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	404m NW	Incident Date: 02/10/2003 Incident Identification: 193968 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) 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.

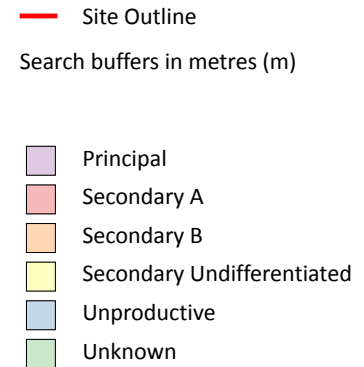
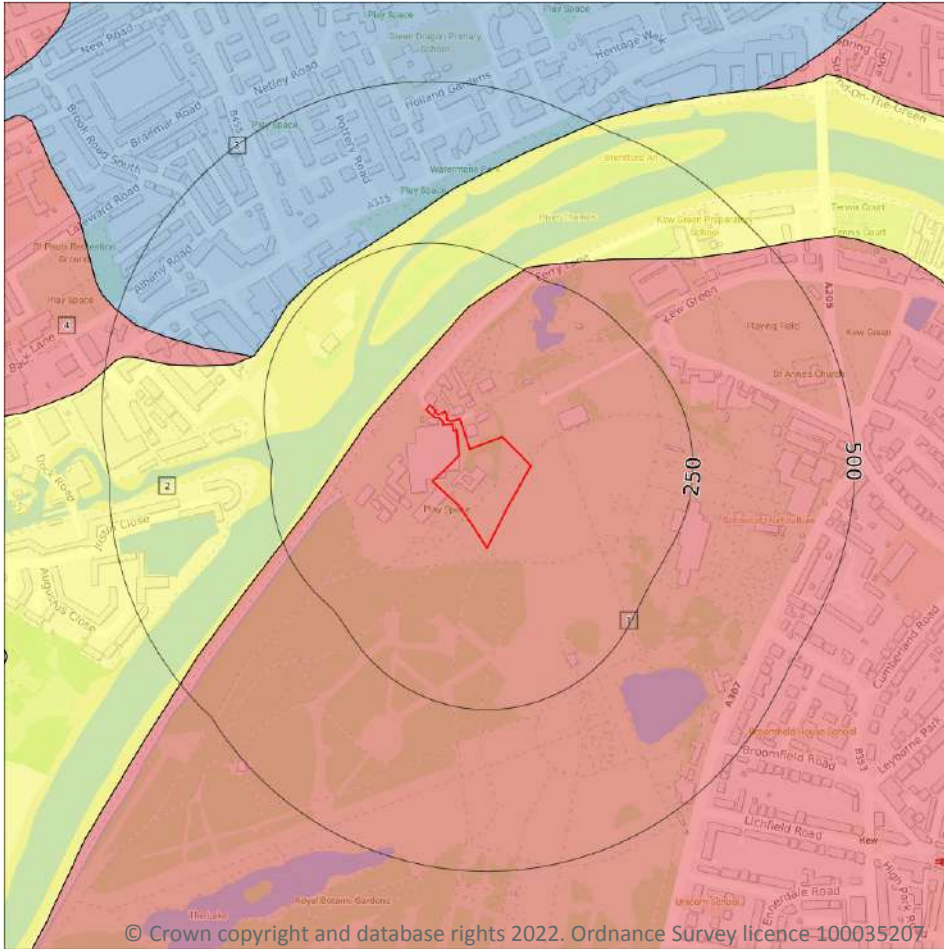
4.21 Pollution inventory radioactive waste

Records within 500m	0
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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



5.1 Superficial aquifer

Records within 500m

4

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 58**

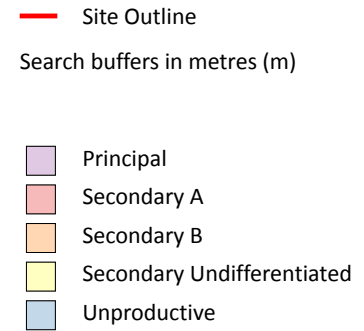
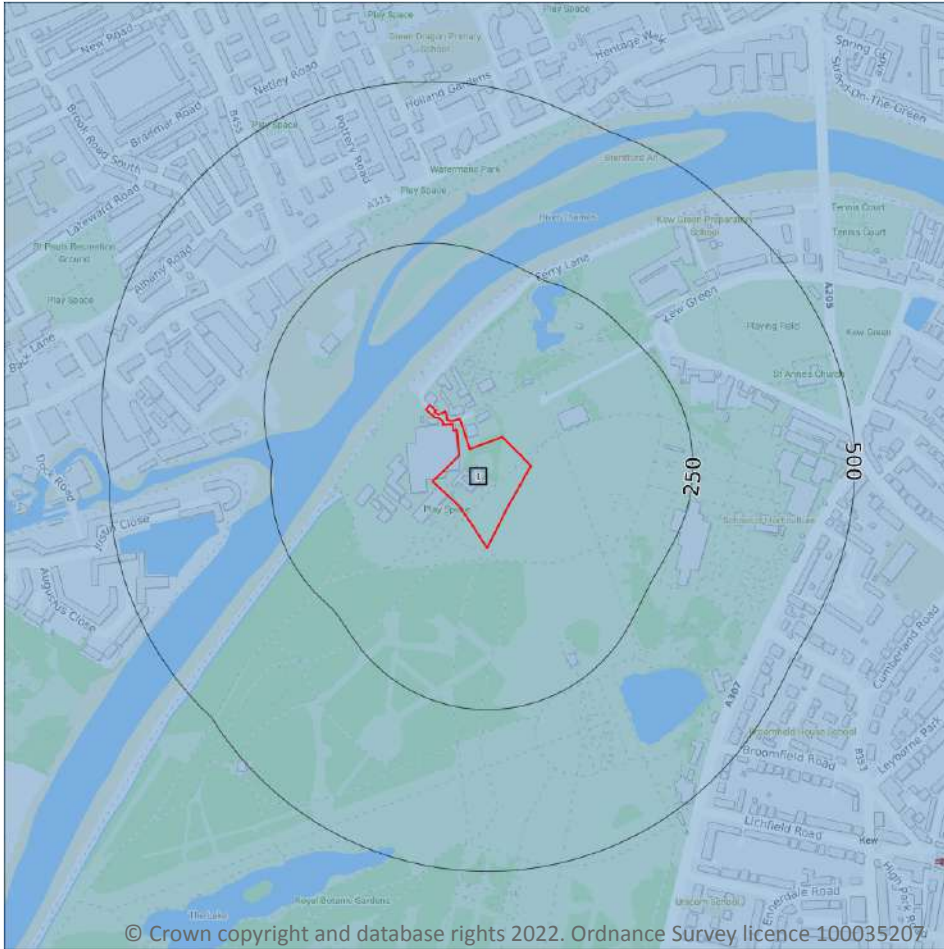
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	56m NW	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	259m NW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	279m 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

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

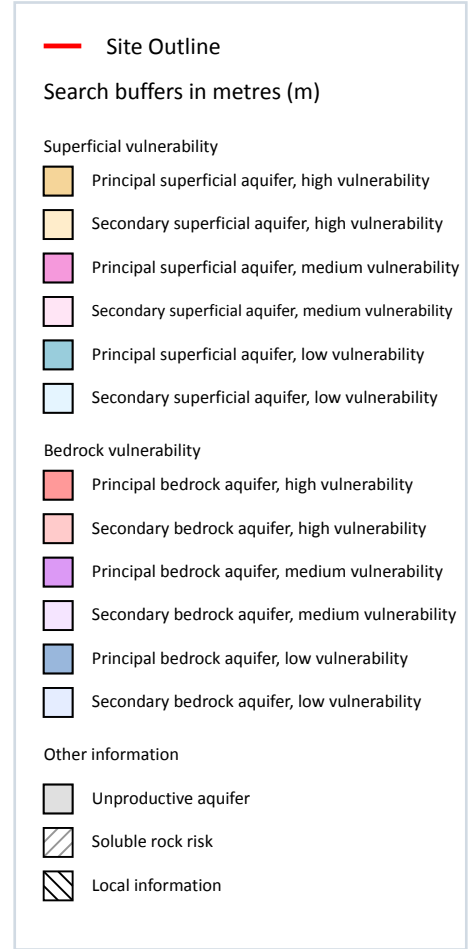
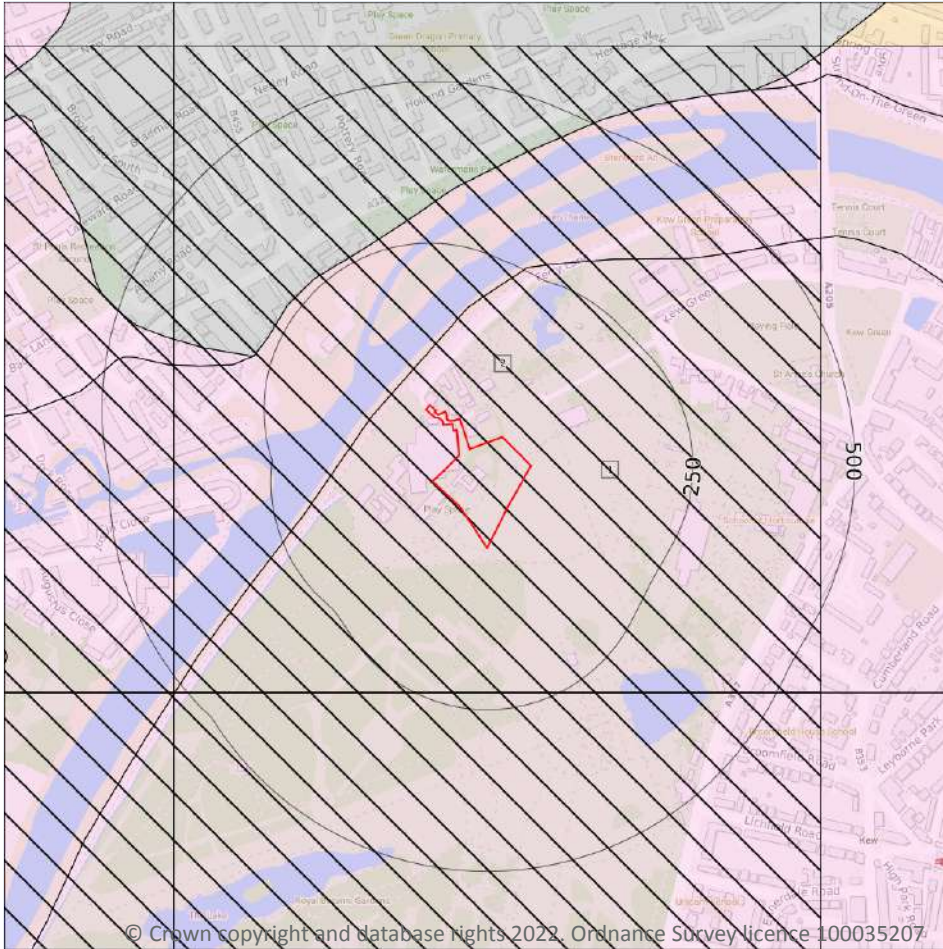
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 60**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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 61**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed

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	0
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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.

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

5.5 Groundwater vulnerability- local information

Records on site	1
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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.

ID	Summary	Additional information
2	Highly vulnerable Principal superficial aquifer present in river terrace gravels	Principal superficial aquifer in river terrace gravels with only a thin cover of low permeability silts and/or alluvium (shown as unproductive)

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

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

26

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 63**

ID	Location	Details	
A	305m NE	Status: Historical Licence No: TH/039/0035/001 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: KEW GARDENS, RICHMOND - BOREHOLE (3) Data Type: Point Name: THE BOARD OF TRUSTEES OF THE ROYAL BOTANIC GARDENS, KEW Easting: 518643 Northing: 177669	Annual Volume (m ³): 124300 Max Daily Volume (m ³): 380 Original Application No: - Original Start Date: 26/05/2009 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 10/07/2014 Version End Date: -
A	305m NE	Status: Active Licence No: TH/039/0035/001/R01 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: KEW GARDENS, RICHMOND - BOREHOLE (3) Data Type: Point Name: THE BOARD OF TRUSTEES OF THE ROYAL BOTANIC GARDENS, KEW Easting: 518643 Northing: 177669	Annual Volume (m ³): 124,300 Max Daily Volume (m ³): 380 Original Application No: - Original Start Date: 19/05/2016 Expiry Date: 31/03/2022 Issue No: 1 Version Start Date: 19/05/2016 Version End Date: -
A	308m NE	Status: Historical Licence No: TH/039/0035/001 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: KEW GARDENS, RICHMOND - BOREHOLE (2) Data Type: Point Name: THE BOARD OF TRUSTEES OF THE ROYAL BOTANIC GARDENS, KEW Easting: 518649 Northing: 177670	Annual Volume (m ³): 124300 Max Daily Volume (m ³): 380 Original Application No: - Original Start Date: 26/05/2009 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 10/07/2014 Version End Date: -
A	308m NE	Status: Active Licence No: TH/039/0035/001/R01 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: KEW GARDENS, RICHMOND - BOREHOLE (2) Data Type: Point Name: THE BOARD OF TRUSTEES OF THE ROYAL BOTANIC GARDENS, KEW Easting: 518649 Northing: 177670	Annual Volume (m ³): 124,300 Max Daily Volume (m ³): 380 Original Application No: - Original Start Date: 19/05/2016 Expiry Date: 31/03/2022 Issue No: 1 Version Start Date: 19/05/2016 Version End Date: -



ID	Location	Details	
A	325m NE	Status: Historical Licence No: TH/039/0035/001 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: KEW GARDENS, RICHMOND - BOREHOLE (1) Data Type: Point Name: THE BOARD OF TRUSTEES OF THE ROYAL BOTANIC GARDENS, KEW Easting: 518665 Northing: 177680	Annual Volume (m ³): 124300 Max Daily Volume (m ³): 380 Original Application No: - Original Start Date: 26/05/2009 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 10/07/2014 Version End Date: -
A	325m NE	Status: Active Licence No: TH/039/0035/001/R01 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: KEW GARDENS, RICHMOND - BOREHOLE (1) Data Type: Point Name: THE BOARD OF TRUSTEES OF THE ROYAL BOTANIC GARDENS, KEW Easting: 518665 Northing: 177680	Annual Volume (m ³): 124,300 Max Daily Volume (m ³): 380 Original Application No: - Original Start Date: 19/05/2016 Expiry Date: 31/03/2022 Issue No: 1 Version Start Date: 19/05/2016 Version End Date: -
-	932m E	Status: Active Licence No: TH/039/0035/002 Details: Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: WELL 1 AT THE NATIONAL ARCHIVES. KEW, RICHMOND,SURREY Data Type: Point Name: Mark Newman Easting: 519480 Northing: 177260	Annual Volume (m ³): 10,000 Max Daily Volume (m ³): 30 Original Application No: - Original Start Date: 23/06/2014 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 09/07/2020 Version End Date: -
-	932m E	Status: Active Licence No: TH/039/0035/002 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: WELL 1 AT THE NATIONAL ARCHIVES. KEW, RICHMOND,SURREY Data Type: Point Name: Mark Newman Easting: 519480 Northing: 177260	Annual Volume (m ³): 10,000 Max Daily Volume (m ³): 30 Original Application No: - Original Start Date: 23/06/2014 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 09/07/2020 Version End Date: -



ID	Location	Details	
-	947m E	Status: Active Licence No: TH/039/0035/002 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: WELL 2 AT THE NATIONAL ARCHIVES, KEW, RICHMOND, SURREY Data Type: Point Name: Mark Newman Easting: 519490 Northing: 177220	Annual Volume (m ³): 10,000 Max Daily Volume (m ³): 30 Original Application No: - Original Start Date: 23/06/2014 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 09/07/2020 Version End Date: -
-	947m E	Status: Active Licence No: TH/039/0035/002 Details: Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: WELL 2 AT THE NATIONAL ARCHIVES, KEW, RICHMOND, SURREY Data Type: Point Name: Mark Newman Easting: 519490 Northing: 177220	Annual Volume (m ³): 10,000 Max Daily Volume (m ³): 30 Original Application No: - Original Start Date: 23/06/2014 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 09/07/2020 Version End Date: -
-	1437m W	Status: Active Licence No: 28/39/37/0005 Details: Horticultural Watering Direct Source: THAMES GROUNDWATER Point: BOREHOLE 'A' AT SYON PARK, BRENTFORD Data Type: Point Name: Trustees Of Syon Park Estate Easting: 517000 Northing: 177000	Annual Volume (m ³): 9,092 Max Daily Volume (m ³): 218.20 Original Application No: - Original Start Date: 29/07/1982 Expiry Date: - Issue No: 102 Version Start Date: 28/09/2010 Version End Date: -
-	1437m W	Status: Active Licence No: 28/39/37/0005 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE 'A' AT SYON PARK, BRENTFORD Data Type: Point Name: Trustees Of Syon Park Estate Easting: 517000 Northing: 177000	Annual Volume (m ³): 9,092 Max Daily Volume (m ³): 218.20 Original Application No: - Original Start Date: 29/07/1982 Expiry Date: - Issue No: 102 Version Start Date: 28/09/2010 Version End Date: -
-	1443m SW	Status: Active Licence No: 28/39/37/0005 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE 'B' AT SYON PARK, BRENTFORD Data Type: Point Name: Trustees Of Syon Park Estate Easting: 517100 Northing: 176700	Annual Volume (m ³): 9,092 Max Daily Volume (m ³): 218.20 Original Application No: - Original Start Date: 29/07/1982 Expiry Date: - Issue No: 102 Version Start Date: 28/09/2010 Version End Date: -



ID	Location	Details	
-	1443m SW	Status: Active Licence No: 28/39/37/0005 Details: Horticultural Watering Direct Source: THAMES GROUNDWATER Point: BOREHOLE 'B' AT SYON PARK, BRENTFORD Data Type: Point Name: Trustees Of Syon Park Estate Easting: 517100 Northing: 176700	Annual Volume (m ³): 9,092 Max Daily Volume (m ³): 218.20 Original Application No: - Original Start Date: 29/07/1982 Expiry Date: - Issue No: 102 Version Start Date: 28/09/2010 Version End Date: -
-	1716m SW	Status: Active Licence No: 28/39/35/0009 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: GRAVEL AT RICHMOND ATHLETICS GROUND, KEW FOOT ROAD, RICHMOND Data Type: Point Name: RICHMOND ATHLETICS ASSOC LTD Easting: 517800 Northing: 175650	Annual Volume (m ³): 15,911 Max Daily Volume (m ³): 75 Original Application No: - Original Start Date: 25/03/1992 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1794m SW	Status: Historical Licence No: 28/39/35/0006 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: GRAVEL AT ROYAL MID SURREY GOLF CLUB, RICHMOND Data Type: Line Name: ROYAL MID SURREY GOLF CLUB Easting: 517460 Northing: 175750	Annual Volume (m ³): 43000 Max Daily Volume (m ³): 480 Original Application No: - Original Start Date: 28/03/1996 Expiry Date: - Issue No: 100 Version Start Date: 28/03/1996 Version End Date: -
-	1794m SW	Status: Active Licence No: 28/39/35/0006 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE A GRAVEL AT ROYAL MID SURREY GOLF CLUB, RICHMOND Data Type: Point Name: ROYAL MID SURREY GOLF CLUB Easting: 517460 Northing: 175750	Annual Volume (m ³): 43,000 Max Daily Volume (m ³): 480 Original Application No: - Original Start Date: 28/03/1996 Expiry Date: - Issue No: 100 Version Start Date: 28/03/1996 Version End Date: -



ID	Location	Details	
-	1841m SW	Status: Active Licence No: 28/39/35/0006 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE B GRAVEL AT ROYAL MID SURREY GOLF CLUB, RICHMOND Data Type: Point Name: ROYAL MID SURREY GOLF CLUB Easting: 517450 Northing: 175700	Annual Volume (m ³): 43,000 Max Daily Volume (m ³): 480 Original Application No: - Original Start Date: 28/03/1996 Expiry Date: - Issue No: 100 Version Start Date: 28/03/1996 Version End Date: -
-	1929m NE	Status: Historical Licence No: 28/39/39/0197 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT CHISWICK HIGH ROAD, LONDON Data Type: Point Name: CHISWICK PARK ESTATE MANAGEMENT LTD Easting: 519830 Northing: 178800	Annual Volume (m ³): 19540 Max Daily Volume (m ³): 294.1 Original Application No: - Original Start Date: 11/10/2000 Expiry Date: 31/12/2009 Issue No: 5 Version Start Date: 02/07/2007 Version End Date: -
-	1929m NE	Status: Historical Licence No: 28/39/39/0197 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT CHISWICK HIGH ROAD, LONDON Data Type: Point Name: CHISWICK PARK ESTATE MANAGEMENT LTD Easting: 519830 Northing: 178800	Annual Volume (m ³): 19540 Max Daily Volume (m ³): 294.1 Original Application No: - Original Start Date: 11/10/2000 Expiry Date: 31/12/2009 Issue No: 5 Version Start Date: 02/07/2007 Version End Date: -
-	1929m NE	Status: Historical Licence No: TH/039/0039/030 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT CHISWICK HIGH ROAD, LONDON Data Type: Point Name: CHISWICK PARK ESTATE MANAGEMENT LIMITED Easting: 519831 Northing: 178800	Annual Volume (m ³): 19540 Max Daily Volume (m ³): 588.2 Original Application No: - Original Start Date: 22/05/2010 Expiry Date: 31/03/2019 Issue No: 2 Version Start Date: 05/09/2014 Version End Date: -
-	1929m NE	Status: Historical Licence No: TH/039/0039/030 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT CHISWICK HIGH ROAD, LONDON Data Type: Point Name: CHISWICK PARK ESTATE MANAGEMENT LIMITED Easting: 519831 Northing: 178800	Annual Volume (m ³): 19540 Max Daily Volume (m ³): 588.2 Original Application No: - Original Start Date: 22/05/2010 Expiry Date: 31/03/2019 Issue No: 2 Version Start Date: 05/09/2014 Version End Date: -



ID	Location	Details	
-	1929m NE	Status: Active Licence No: TH/039/0039/030/R01 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT CHISWICK HIGH ROAD, LONDON Data Type: Point Name: CHISWICK PARK ESTATE MANAGEMENT LIMITED Easting: 519831 Northing: 178800	Annual Volume (m ³): 23,540 Max Daily Volume (m ³): 294 Original Application No: - Original Start Date: 18/04/2019 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 18/04/2019 Version End Date: -
-	1929m NE	Status: Active Licence No: TH/039/0039/030/R01 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT CHISWICK HIGH ROAD, LONDON Data Type: Point Name: CHISWICK PARK ESTATE MANAGEMENT LIMITED Easting: 519831 Northing: 178800	Annual Volume (m ³): 23,540 Max Daily Volume (m ³): 294 Original Application No: - Original Start Date: 18/04/2019 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 18/04/2019 Version End Date: -
-	1944m NE	Status: Historical Licence No: 28/39/39/0200 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: POINT 'A' AT CHISWICK SERVICE STATION, CHISWICK, LONDON W4. Data Type: Point Name: TOTALFINAELF UK LTD Easting: 520120 Northing: 178500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/03/2002 Expiry Date: 31/01/2005 Issue No: 1 Version Start Date: 28/03/2002 Version End Date: -
-	1944m NE	Status: Historical Licence No: 28/39/39/0216 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: CHISWICK SERVICE STATION, CHISWICK, LONDON W4-POINT 'A'. Data Type: Point Name: TOTAL UK LIMITED Easting: 520120 Northing: 178500	Annual Volume (m ³): 6935 Max Daily Volume (m ³): 19 Original Application No: - Original Start Date: 10/03/2005 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 10/03/2005 Version End Date: -

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



5.7 Surface water abstractions

Records within 2000m

1

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 63**

ID	Location	Details	
-	1552m W	Status: Active Licence No: 28/39/36/0074 Details: Non-Evaporative Cooling Direct Source: THAMES SURFACE WATER - NON TIDAL Point: 980 GREAT WESTERN ROAD, BRENTFORD- RIVER BRENT Data Type: Point Name: Canal and River Trust Easting: 516880 Northing: 177800	Annual Volume (m ³): 876,000 Max Daily Volume (m ³): 2,400 Original Application No: - Original Start Date: 03/09/2007 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 17/12/2007 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

0

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.

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

5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

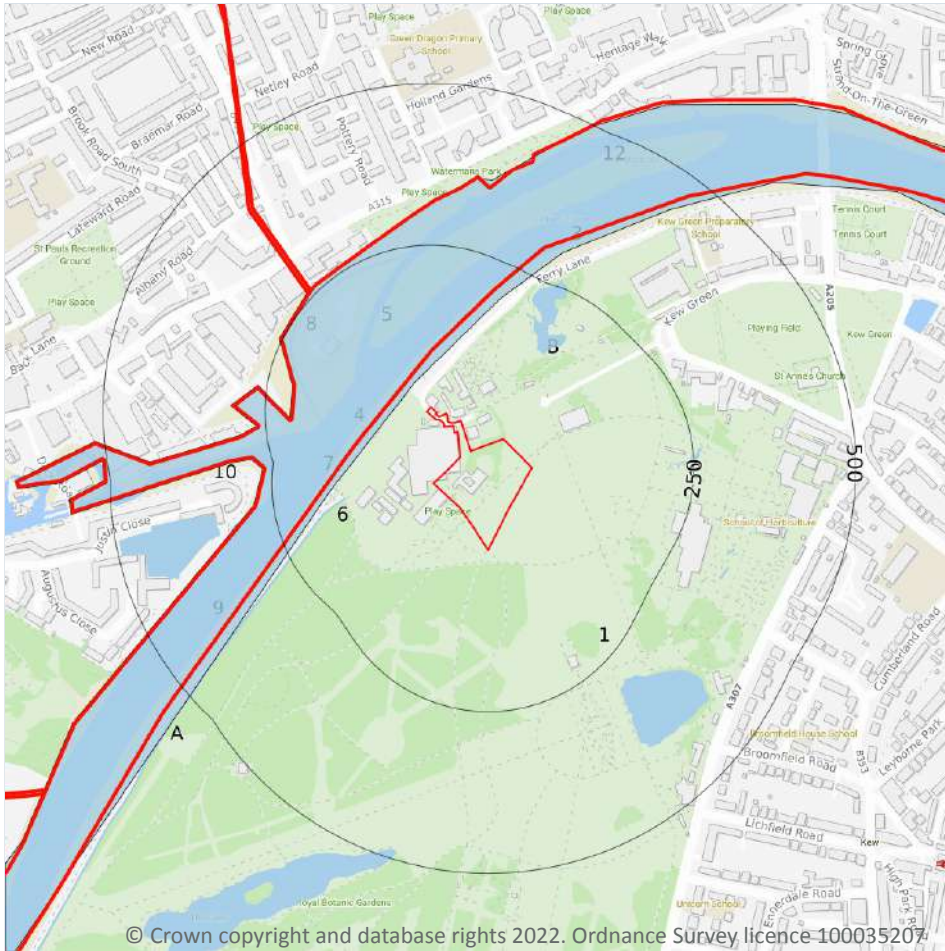
0

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

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



6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

14

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

Features are displayed on the Hydrology map on **page 72**

ID	Location	Type of water feature	Ground level	Permanence	Name
3	100m NW	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Thames

ID	Location	Type of water feature	Ground level	Permanence	Name
4	104m NW	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Thames
5	104m NW	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Thames
6	138m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	154m W	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Thames
8	154m W	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Thames
B	167m N	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	175m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	187m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
9	192m W	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Thames
10	192m W	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Brent
B	193m NE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	225m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	246m N	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Thames

This data is sourced from the Ordnance Survey.



6.2 Surface water features

Records within 250m

2

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

Features are displayed on the Hydrology map on **page 72**

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 72**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	Coastal Catchment	Not part of a river WB catchment	131	Land area part of London Management Catchment draining to the Tidal Thames	London

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 72**



ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	43m NW	Transi	THAMES UPPER	GB530603911403	Moderate	Fail	Moderate	2019

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

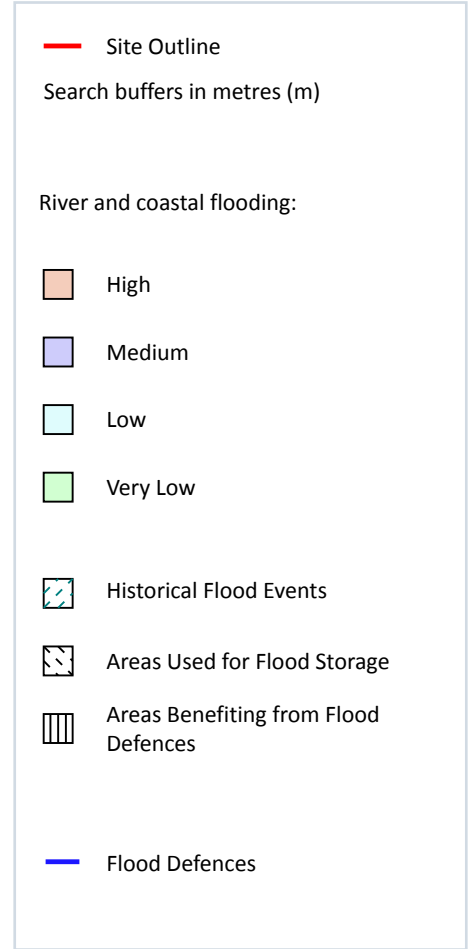
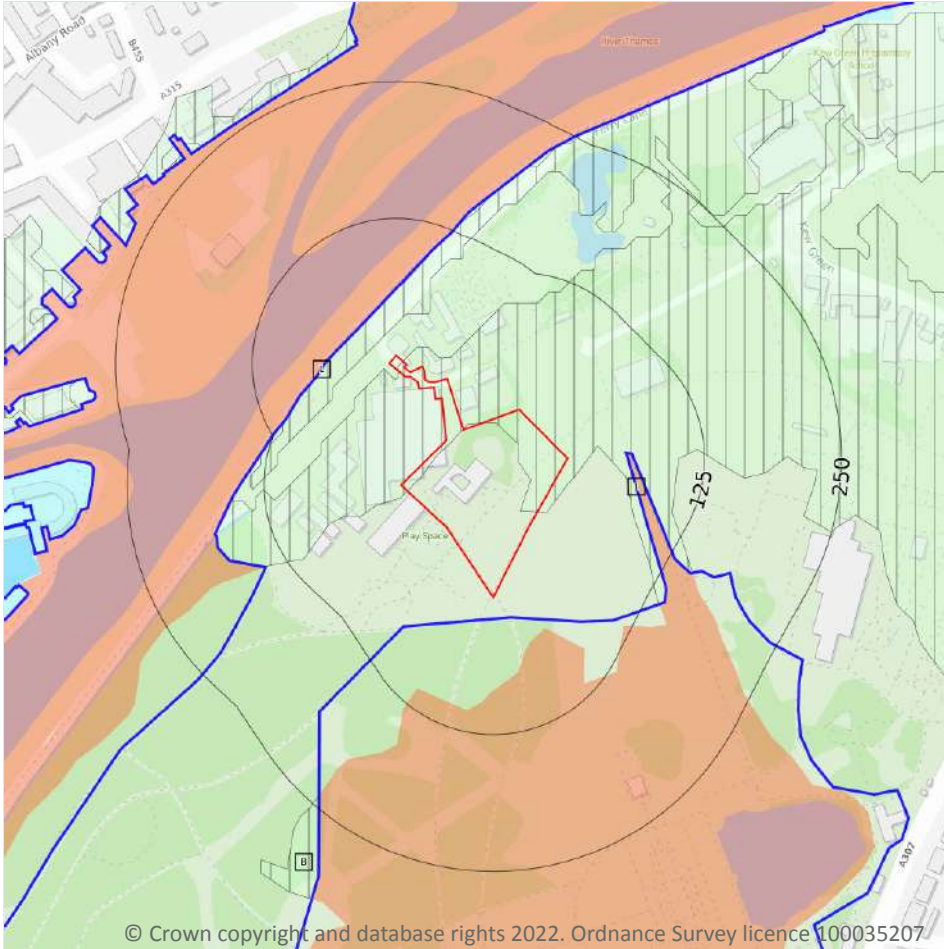
6.5 WFD Groundwater bodies

Records on site	0
------------------------	----------

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.

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

7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

2

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on **page 76**

Distance	Flood risk category
On site	Very Low
0 - 50m	High

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

7.2 Historical Flood Events

Records within 250m	0
----------------------------	----------

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

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

7.3 Flood Defences

Records within 250m	1
----------------------------	----------

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

Features are displayed on the River and coastal flooding map on **page 76**

ID	Location	Update
1	20m S	01/09/2021

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

7.4 Areas Benefiting from Flood Defences

Records within 250m	2
----------------------------	----------

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

Features are displayed on the River and coastal flooding map on **page 76**

ID	Location	
A	On site	Area benefiting from flood defences

ID	Location	
B	240m SW	Area benefiting from flood defences

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

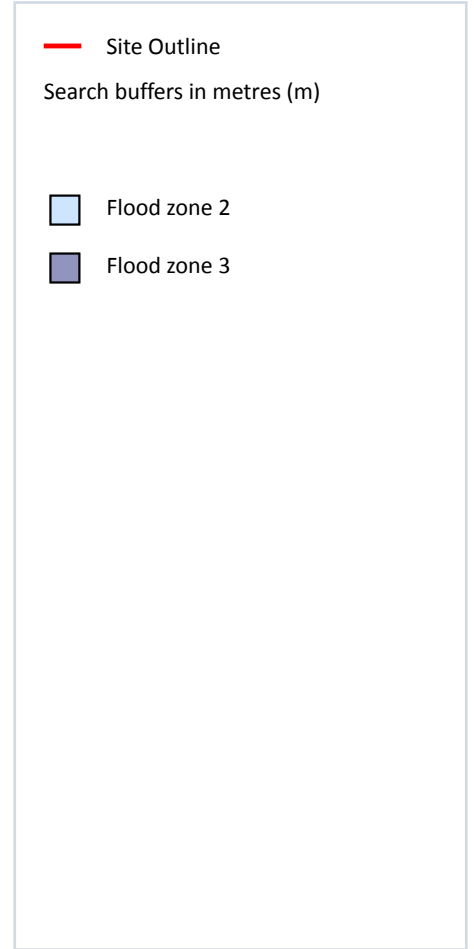
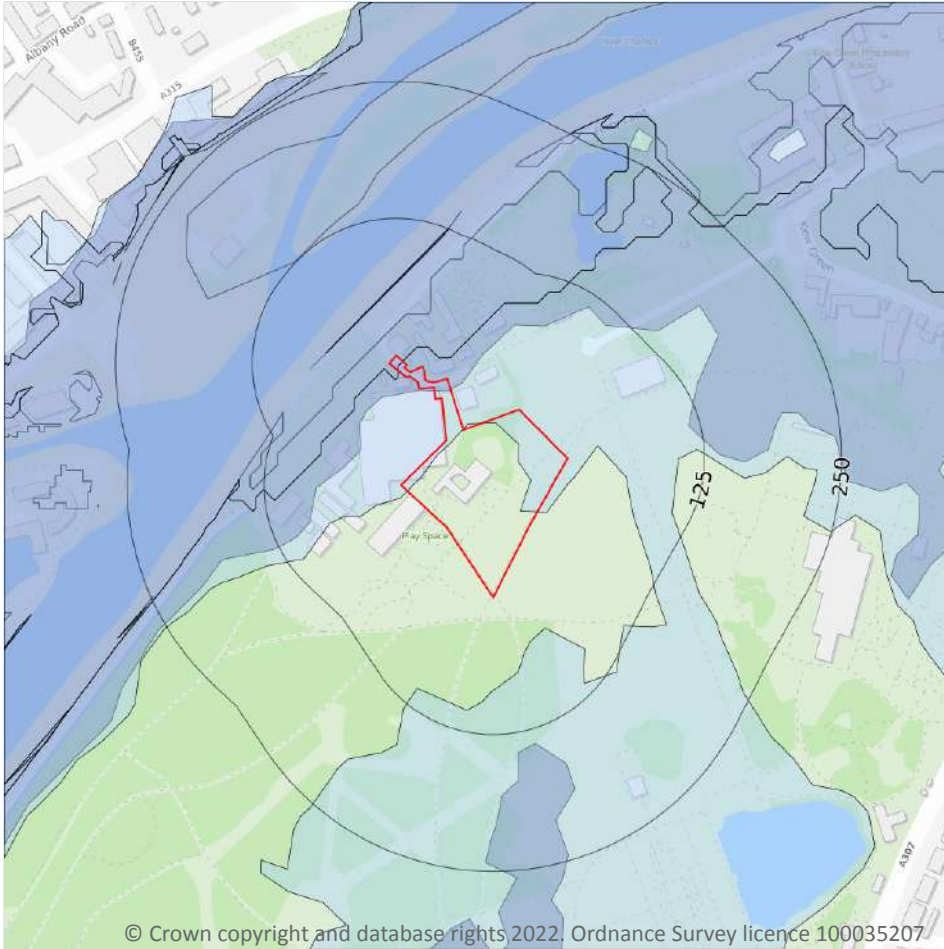
7.5 Flood Storage Areas

Records within 250m	0
----------------------------	----------

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

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

River and coastal flooding - Flood Zones



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7.6 Flood Zone 2

Records within 50m

1

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

Features are displayed on the River and coastal flooding map on **page 76**

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

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

7.7 Flood Zone 3

Records within 50m

1

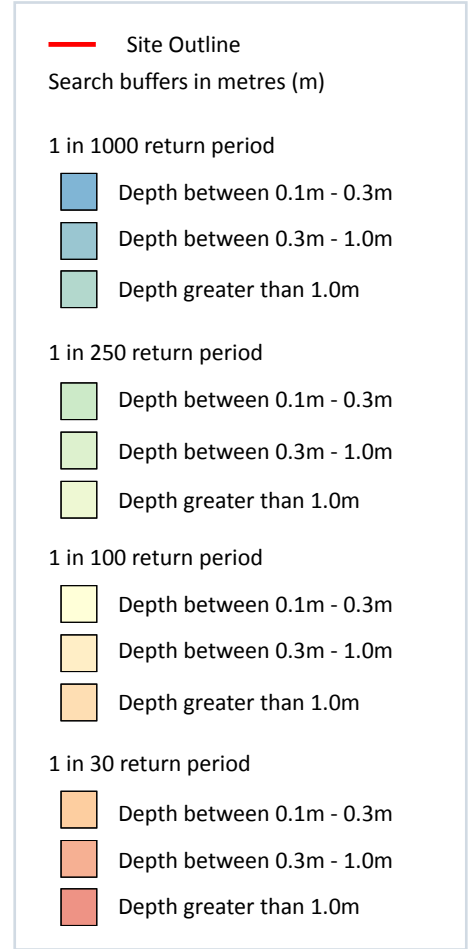
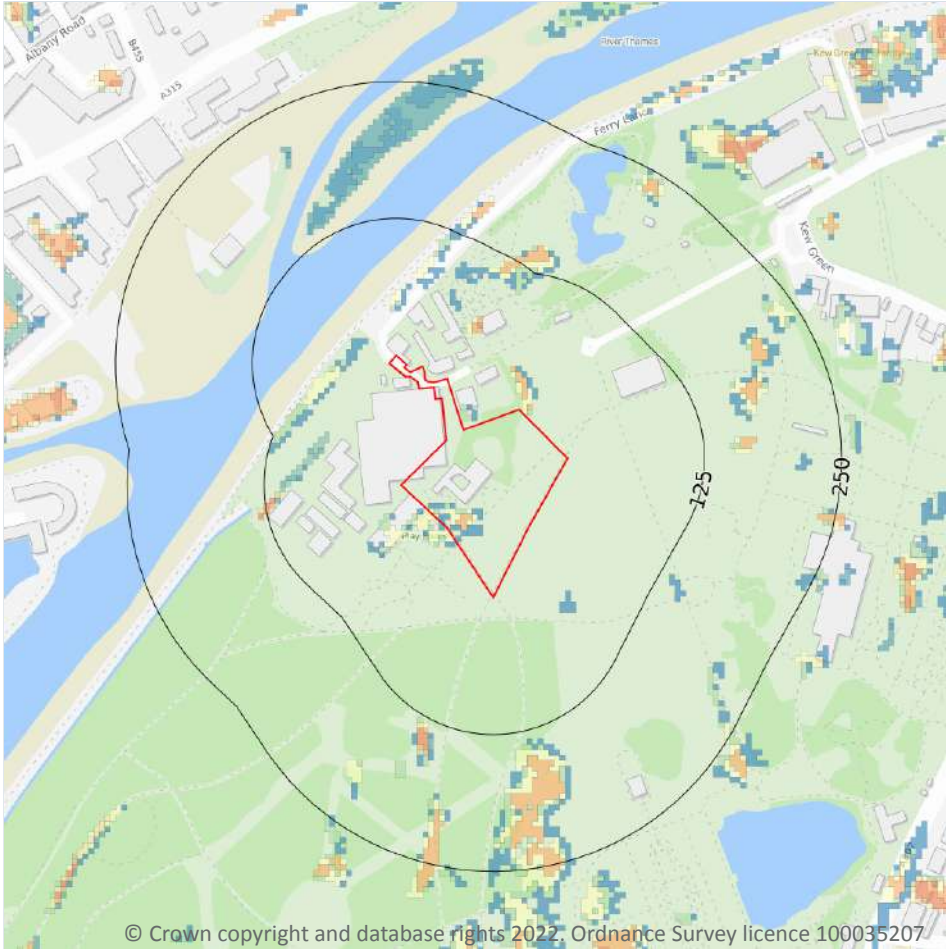
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 76**

Location	Type
On site	Zone 3 - (Fluvial Models)

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on **page 81**

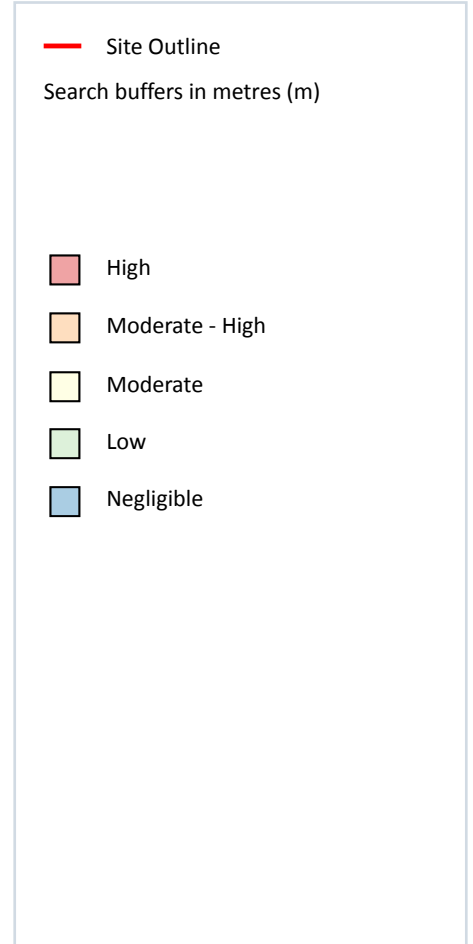
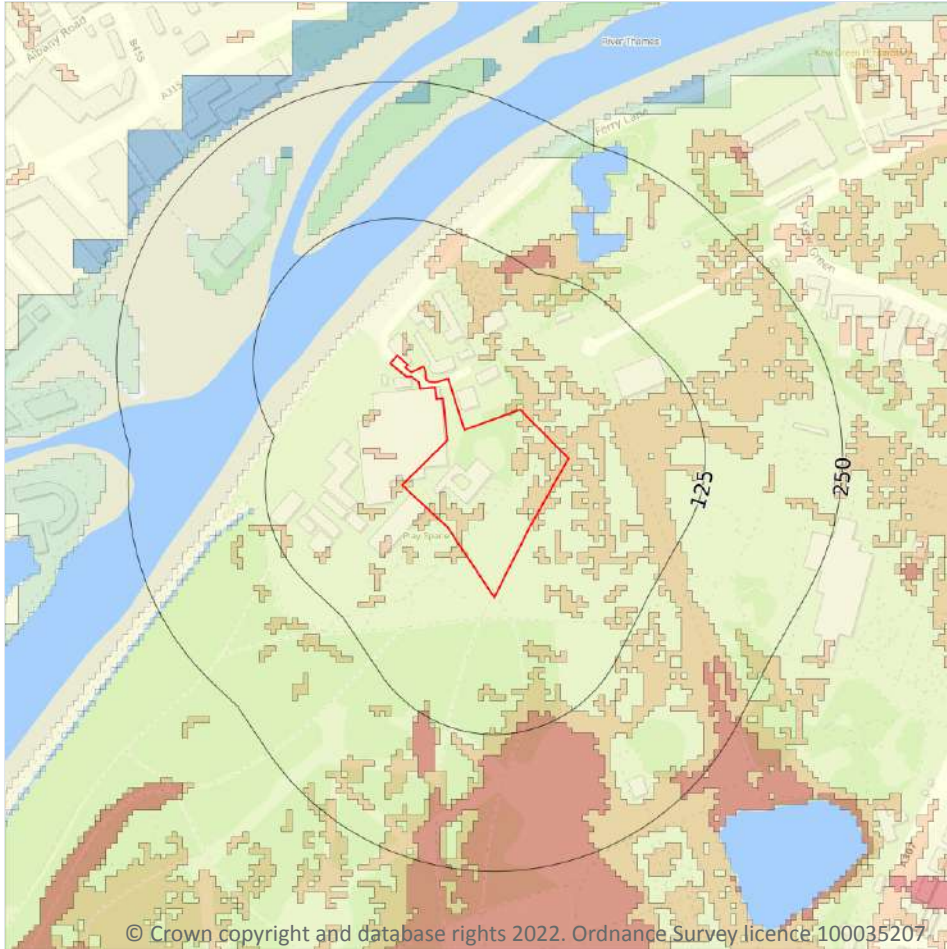
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

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

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate-High

Highest risk within 50m

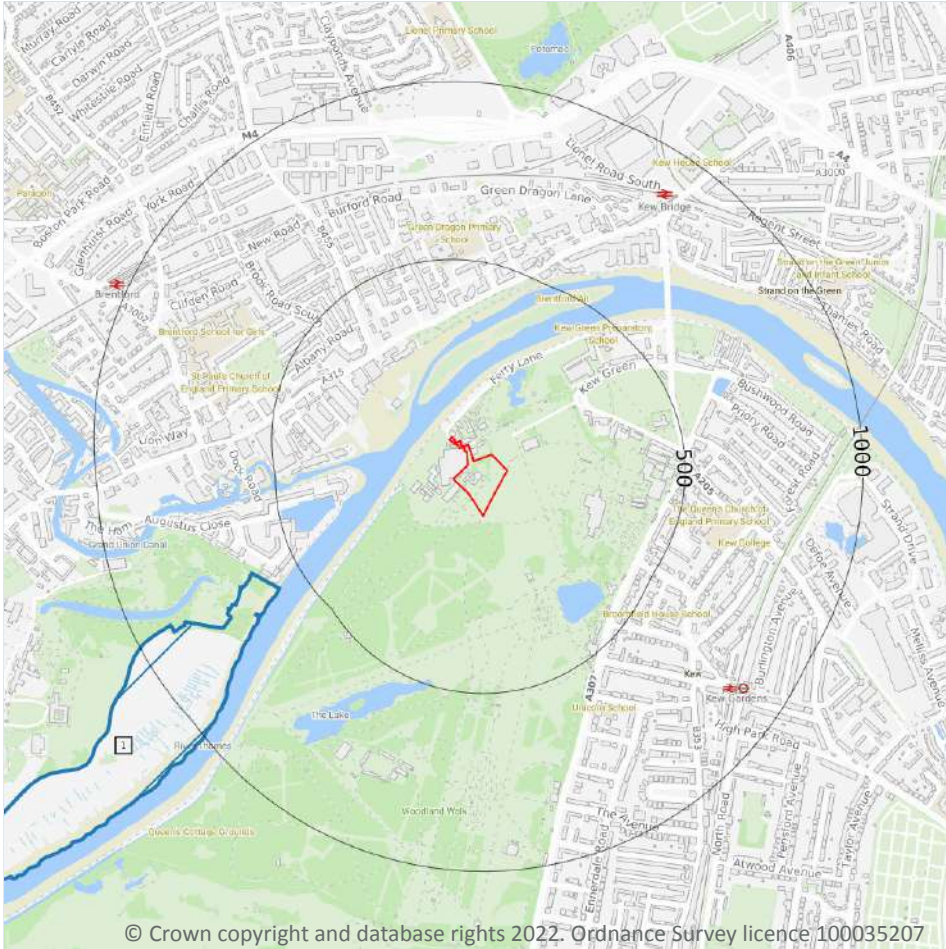
Moderate-High

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

Features are displayed on the Groundwater flooding map on **page 83**

This data is sourced from Ambient Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- + Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on **page 84**

ID	Location	Name	Data source
1	578m SW	Syon Park	Natural England

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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



10.6 Local Nature Reserves (LNR)

Records within 2000m

2

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

Features are displayed on the Environmental designations map on **page 84**

ID	Location	Name	Data source
-	1845m NE	Gunnersbury Triangle	Natural England
-	1957m NW	Blondin Nature area	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

0

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

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

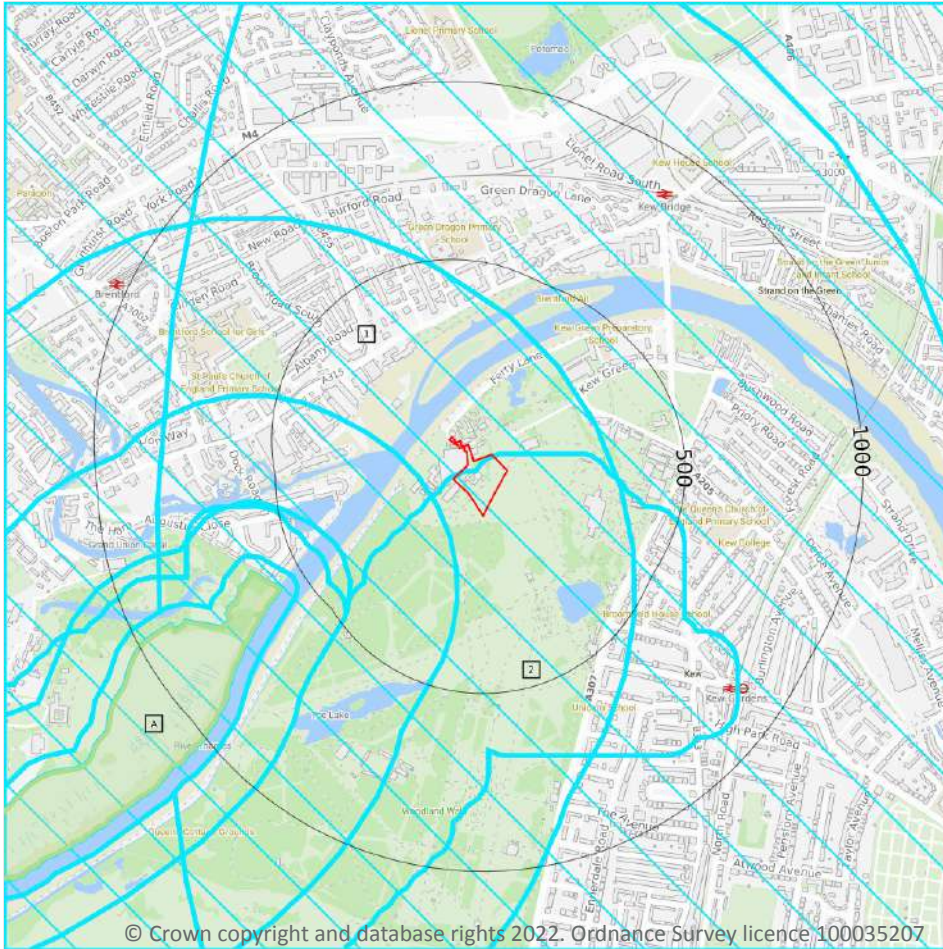
0

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

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



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

2

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

Features are displayed on the SSSI Impact Zones and Units map on **page 89**

ID	Location	Type of developments requiring consultation
1	On site	<p>All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures.</p> <p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction.</p> <p>Residential - Residential development of 100 units or more.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).</p> <p>Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .</p>
2	On site	<p>All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures.</p> <p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha.</p> <p>Residential - Residential development of 100 units or more.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).</p> <p>Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 2m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .</p>

This data is sourced from Natural England.



10.18 SSSI Units

Records within 2000m

1

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

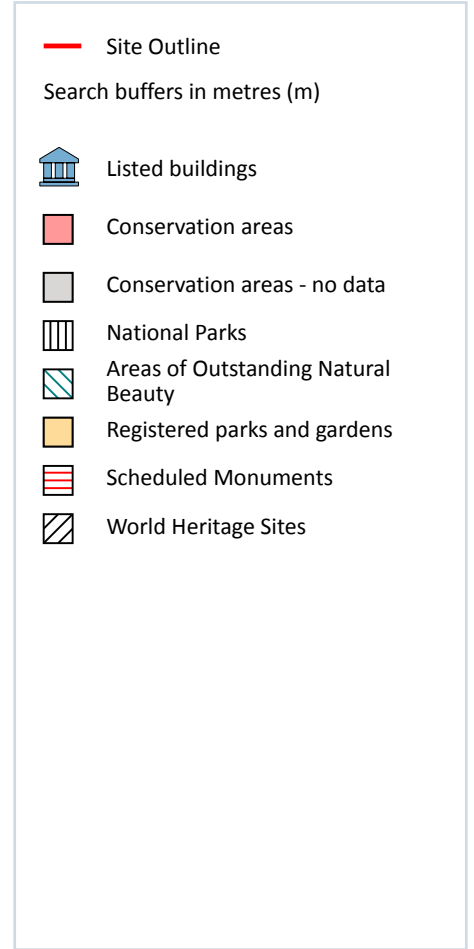
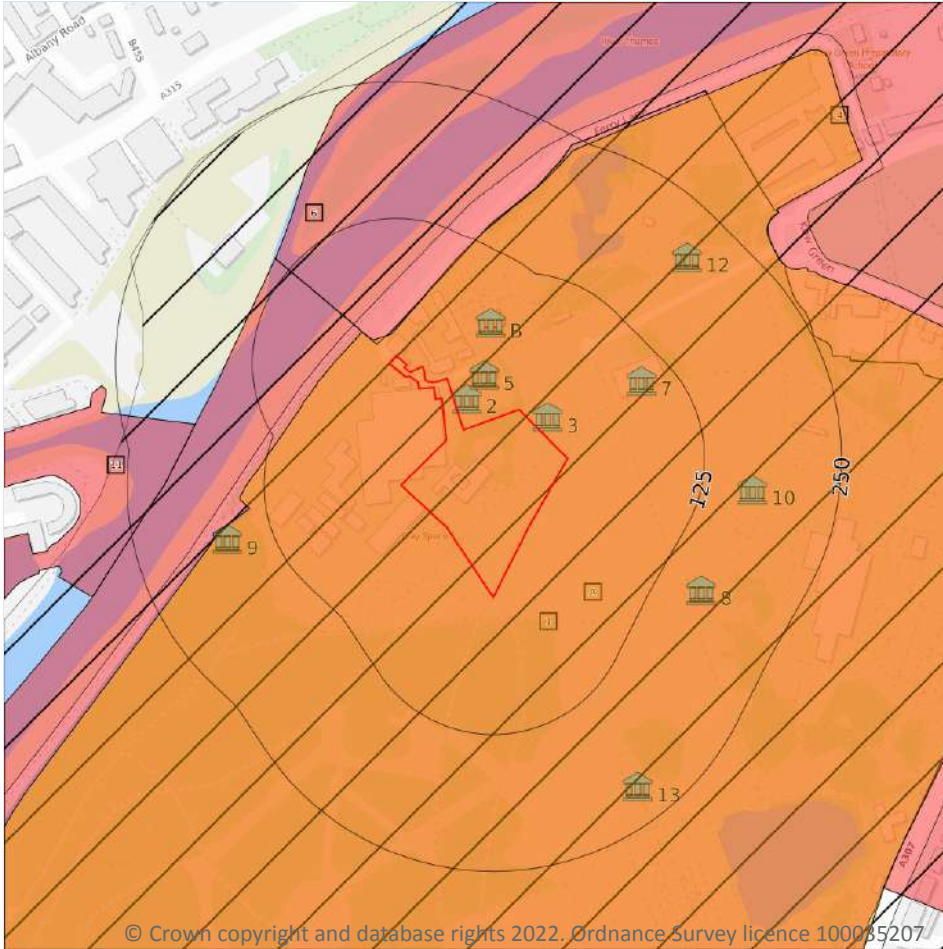
Features are displayed on the SSSI Impact Zones and Units map on **page 89**

ID: A
 Location: 578m SW
 SSSI name: Syon Park
 Unit name: 4
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Invert. assemblage W3 permanent wet mire	Favourable	13/04/2017
Lowland wetland including basin fen, valley fen, floodplain fen, waterfringe fen, spring/flush fen and raised bog lagg	Favourable	13/04/2017

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

11 Visual and cultural designations



11.1 World Heritage Sites

Records within 250m

2

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

Features are displayed on the Visual and cultural designations map on **page 92**

ID	Location	Name	Data Source
A	On site	Royal Botanic Gardens, Kew	Historic England
6	48m NW	Royal Botanic Gardens, Kew Buffer Zone	Historic England

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

10

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

Features are displayed on the Visual and cultural designations map on **page 92**

ID	Location	Name	Grade	Reference Number	Listed date
2	12m E	Kew Palace Flats, Kew, Richmond Upon Thames, London, TW9	I	1263074	25/05/1983
3	14m NE	Sundial To East Of Kew Palace, Kew, Richmond Upon Thames, London, TW9	II	1251794	25/05/1983
5	33m E	1 And 2, Kew Cottages, Kew, Richmond Upon Thames, London, TW9	II	1251793	25/05/1983
B	65m NE	Kew Palace, Kew, Richmond Upon Thames, London, TW9	I	1263073	10/01/1950
7	98m NE	Orangery, Kew, Richmond Upon Thames, London, TW9	I	1263075	10/01/1950



ID	Location	Name	Grade	Reference Number	Listed date
8	165m SE	Icehouse, Kew, Richmond Upon Thames, London, TW9	II	1251799	25/05/1983
9	166m W	Alcove, Kew, Richmond Upon Thames, London, TW9	II	1250803	25/05/1983
10	171m E	Urn At End Of Avenue Leading West From Museum Number 2, Kew, Richmond Upon Thames, London, TW9	II	1262598	25/05/1983
12	207m NE	Aroid House Number 1, Kew, Richmond Upon Thames, London, TW9	II*	1250800	10/01/1950
13	217m SE	Water Lily House, Kew, Richmond Upon Thames, London, TW9	II	1251633	25/05/1983

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

11.5 Conservation Areas

Records within 250m

3

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

Features are displayed on the Visual and cultural designations map on **page 92**

ID	Location	Name	District	Date of designation
1	On site	Royal Botanic Gardens, Kew	Richmond upon Thames	29/01/1991
4	19m NW	Kew Green	Richmond upon Thames	14/01/1969
11	185m W	Grand Union Canal and Boston Manor	Hounslow	24/07/2001

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

11.6 Scheduled Ancient Monuments

Records within 250m

1

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

Features are displayed on the Visual and cultural designations map on **page 92**



ID	Location	Ancient monument name	Reference number
B	53m NE	Kew Palace (remains of)	1002019

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

11.7 Registered Parks and Gardens

Records within 250m	1
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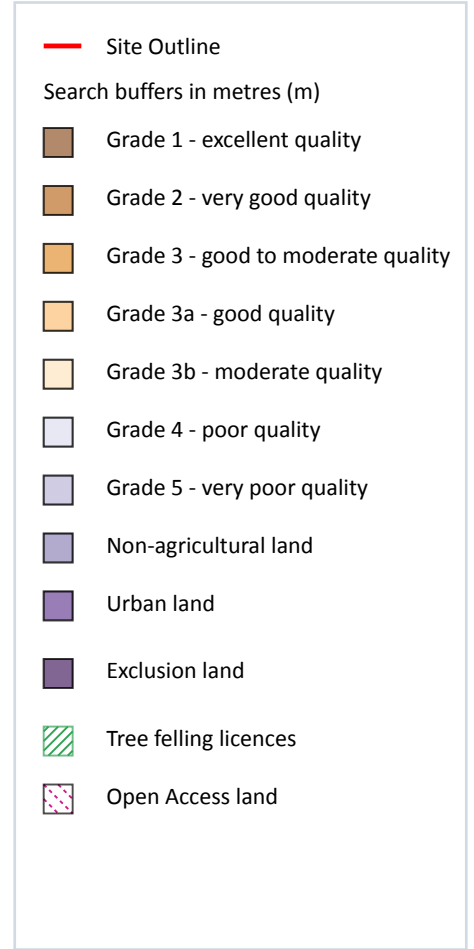
Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

Features are displayed on the Visual and cultural designations map on **page 92**

ID	Location	Name	Grade
A	On site	Royal Botanic Gardens, Kew	I

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

12 Agricultural designations



12.1 Agricultural Land Classification

Records within 250m

2

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

Features are displayed on the Agricultural designations map on **page 96**

ID	Location	Classification	Description
1	On site	Non Agricultural	-
2	5m NW	Urban	-

This data is sourced from Natural England.