

Site Details:

SANDOW CRESCENT &
FORMER VICTORIA PH, 32
NORTH HYDE ROAD, HAYES,
UB3 4NE

Client Ref: PH1-2021-000106
Report Ref: GS-8318221
Grid Ref: 509640, 179213

Map Name: National Grid

Map date: 2021

Scale: 1:10,000

Printed at: 1:10,000



2021

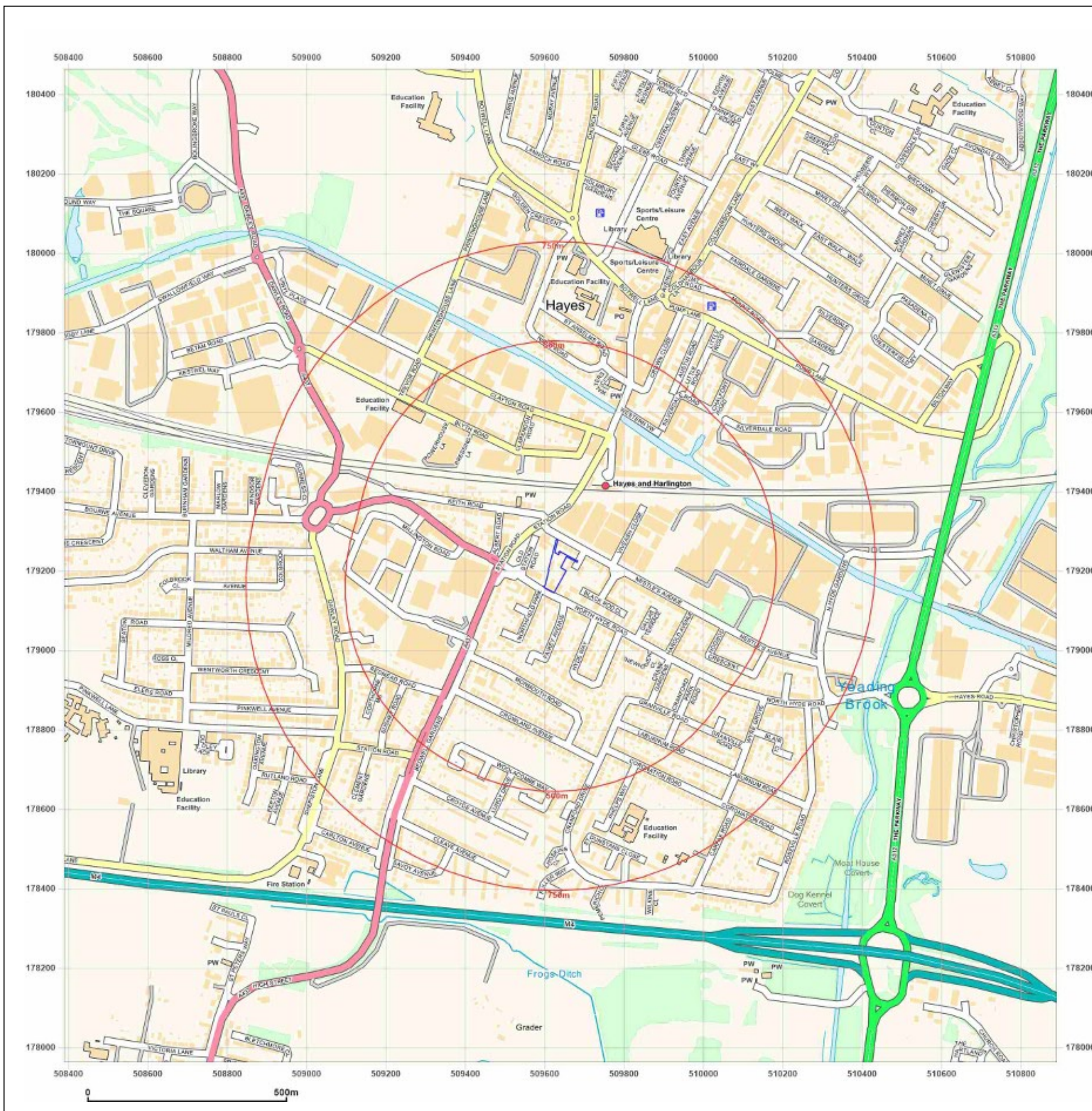


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Production date: 08 November 2021

Map legend available at:
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19 APPENDIX 3 – ENVIRONMENTAL SCREENING REPORT

SANDOW CRESCENT & FORMER VICTORIA PH, 32 NORTH HYDE ROAD, HAYES, UB3 4NE

Order Details

Date: 08/11/2021
Your ref: PH1-2021-000106
Our Ref: GS-8318222
Client: STM Environmental Consultants Ltd

Site Details

Location: 509631 179202
Area: 0.36 ha
Authority: [London Borough of Hillingdon](#)



Summary of findings

p. 2 **Aerial image**

p. 8

OS MasterMap site plan

p.13 groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

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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>	0	18	66	91	-
21	1.2	<u>Historical tanks</u>	0	2	4	42	-
23	1.3	<u>Historical energy features</u>	0	1	4	12	-
24	1.4	Historical petrol stations	0	0	0	0	-
24	1.5	<u>Historical garages</u>	0	5	1	2	-
25	1.6	<u>Historical military land</u>	0	0	0	2	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
26	2.1	<u>Historical industrial land uses</u>	0	12	80	107	-
34	2.2	<u>Historical tanks</u>	0	2	6	74	-
37	2.3	<u>Historical energy features</u>	0	2	12	21	-
38	2.4	Historical petrol stations	0	0	0	0	-
39	2.5	<u>Historical garages</u>	0	9	2	2	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
40	3.1	Active or recent landfill	0	0	0	0	-
40	3.2	Historical landfill (BGS records)	0	0	0	0	-
41	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
41	3.4	<u>Historical landfill (EA/NRW records)</u>	0	0	0	1	-
41	3.5	<u>Historical waste sites</u>	0	0	0	1	-
42	3.6	Licensed waste sites	0	0	0	0	-
42	3.7	<u>Waste exemptions</u>	0	0	5	12	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
44	4.1	<u>Recent industrial land uses</u>	2	4	28	-	-
47	4.2	<u>Current or recent petrol stations</u>	0	1	1	0	-
47	4.3	Electricity cables	0	0	0	0	-
47	4.4	Gas pipelines	0	0	0	0	-
47	4.5	Sites determined as Contaminated Land	0	0	0	0	-



47	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
48	4.7	Regulated explosive sites	0	0	0	0	-
48	4.8	Hazardous substance storage/usage	0	0	0	0	-
48	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
48	4.10	<u>Licensed industrial activities (Part A(1))</u>	0	0	0	7	-
50	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	1	1	5	-
51	4.12	Radioactive Substance Authorisations	0	0	0	0	-
51	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
51	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
51	4.15	Pollutant release to public sewer	0	0	0	0	-
51	4.16	List 1 Dangerous Substances	0	0	0	0	-
52	4.17	<u>List 2 Dangerous Substances</u>	0	0	1	0	-
52	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	3	5	-
53	4.19	Pollution inventory substances	0	0	0	0	-
53	4.20	<u>Pollution inventory waste transfers</u>	0	0	0	1	-
54	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
55	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
57	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
58	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
59	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
59	5.5	<u>Groundwater vulnerability- local information</u>	Identified (within 0m)				
60	5.6	<u>Groundwater abstractions</u>	0	0	0	0	14
63	5.7	<u>Surface water abstractions</u>	0	0	0	0	3
64	5.8	Potable abstractions	0	0	0	0	0
65	5.9	Source Protection Zones	0	0	0	0	-
65	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
66	6.1	Water Network (OS MasterMap)	0	0	0	-	-



66	6.2	Surface water features	0	0	0	-	-
67	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
67	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
68	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
69	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
69	7.2	Historical Flood Events	0	0	0	-	-
69	7.3	Flood Defences	0	0	0	-	-
70	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
70	7.5	Flood Storage Areas	0	0	0	-	-
71	7.6	Flood Zone 2	None (within 50m)				
71	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
72	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
74	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
75	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
76	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
76	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
76	10.4	Special Protection Areas (SPA)	0	0	0	0	0
76	10.5	National Nature Reserves (NNR)	0	0	0	0	0
77	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
77	10.7	Designated Ancient Woodland	0	0	0	0	0
77	10.8	Biosphere Reserves	0	0	0	0	0
77	10.9	Forest Parks	0	0	0	0	0
78	10.10	Marine Conservation Zones	0	0	0	0	0
78	10.11	<u>Green Belt</u>	0	0	0	0	19
79	10.12	Proposed Ramsar sites	0	0	0	0	0



79	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
79	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
79	10.15	Nitrate Sensitive Areas	0	0	0	0	0
80	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
81	<u>10.17</u>	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
82	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
83	11.1	World Heritage Sites	0	0	0	-	-
84	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
84	11.3	National Parks	0	0	0	-	-
84	11.4	Listed Buildings	0	0	0	-	-
84	<u>11.5</u>	<u>Conservation Areas</u>	0	0	1	-	-
85	11.6	Scheduled Ancient Monuments	0	0	0	-	-
85	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
86	<u>12.1</u>	<u>Agricultural Land Classification</u>	Urban (within 250m)				
87	12.2	Open Access Land	0	0	0	-	-
87	12.3	Tree Felling Licences	0	0	0	-	-
87	12.4	Environmental Stewardship Schemes	0	0	0	-	-
87	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
88	13.1	Priority Habitat Inventory	0	0	0	-	-
88	13.2	Habitat Networks	0	0	0	-	-
89	<u>13.3</u>	<u>Open Mosaic Habitat</u>	0	0	2	-	-
89	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
90	<u>14.1</u>	<u>10k Availability</u>	Identified (within 500m)				
91	<u>14.2</u>	<u>Artificial and made ground (10k)</u>	1	1	3	5	-
93	<u>14.3</u>	<u>Superficial geology (10k)</u>	2	0	2	4	-

94	14.4	Landslip (10k)	0	0	0	0	-
95	14.5	<u>Bedrock geology (10k)</u>	1	0	0	1	-
96	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
97	15.1	<u>50k Availability</u>	Identified (within 500m)				
98	15.2	<u>Artificial and made ground (50k)</u>	1	0	0	3	-
99	15.3	Artificial ground permeability (50k)	0	0	-	-	-
100	15.4	<u>Superficial geology (50k)</u>	2	0	0	2	-
101	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
101	15.6	Landslip (50k)	0	0	0	0	-
101	15.7	Landslip permeability (50k)	None (within 50m)				
102	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
103	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
103	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
104	16.1	<u>BGS Boreholes</u>	0	0	4	-	-
Page	Section	Natural ground subsidence					
106	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
107	17.2	<u>Running sands</u>	Very low (within 50m)				
109	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
110	17.4	<u>Collapsible deposits</u>	Low (within 50m)				
111	17.5	<u>Landslides</u>	Very low (within 50m)				
112	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
114	18.1	Natural cavities	0	0	0	0	-
115	18.2	<u>BritPits</u>	0	0	1	2	-
115	18.3	<u>Surface ground workings</u>	0	1	5	-	-
116	18.4	<u>Underground workings</u>	0	0	0	1	0
116	18.5	Historical Mineral Planning Areas	0	0	0	0	-



116	18.6	Non-coal mining	0	0	0	0	0
117	18.7	Mining cavities	0	0	0	0	0
117	18.8	JPB mining areas	None (within 0m)				
117	18.9	Coal mining	None (within 0m)				
117	18.10	Brine areas	None (within 0m)				
117	18.11	Gypsum areas	None (within 0m)				
118	18.12	Tin mining	None (within 0m)				
118	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
<u>119</u>	<u>19.1</u>	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>120</u>	<u>20.1</u>	<u>BGS Estimated Background Soil Chemistry</u>	2	0	-	-	-
<u>120</u>	<u>20.2</u>	<u>BGS Estimated Urban Soil Chemistry</u>	3	6	-	-	-
121	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
122	21.1	Underground railways (London)	0	0	0	-	-
122	21.2	Underground railways (Non-London)	0	0	0	-	-
123	21.3	Railway tunnels	0	0	0	-	-
<u>123</u>	<u>21.4</u>	<u>Historical railway and tunnel features</u>	0	1	43	-	-
125	21.5	Royal Mail tunnels	0	0	0	-	-
125	21.6	Historical railways	0	0	0	-	-
<u>125</u>	<u>21.7</u>	<u>Railways</u>	0	0	15	-	-
<u>126</u>	<u>21.8</u>	<u>Crossrail 1</u>	0	0	1	0	-
126	21.9	Crossrail 2	0	0	0	0	-
126	21.10	HS2	0	0	0	0	-



Recent aerial photograph

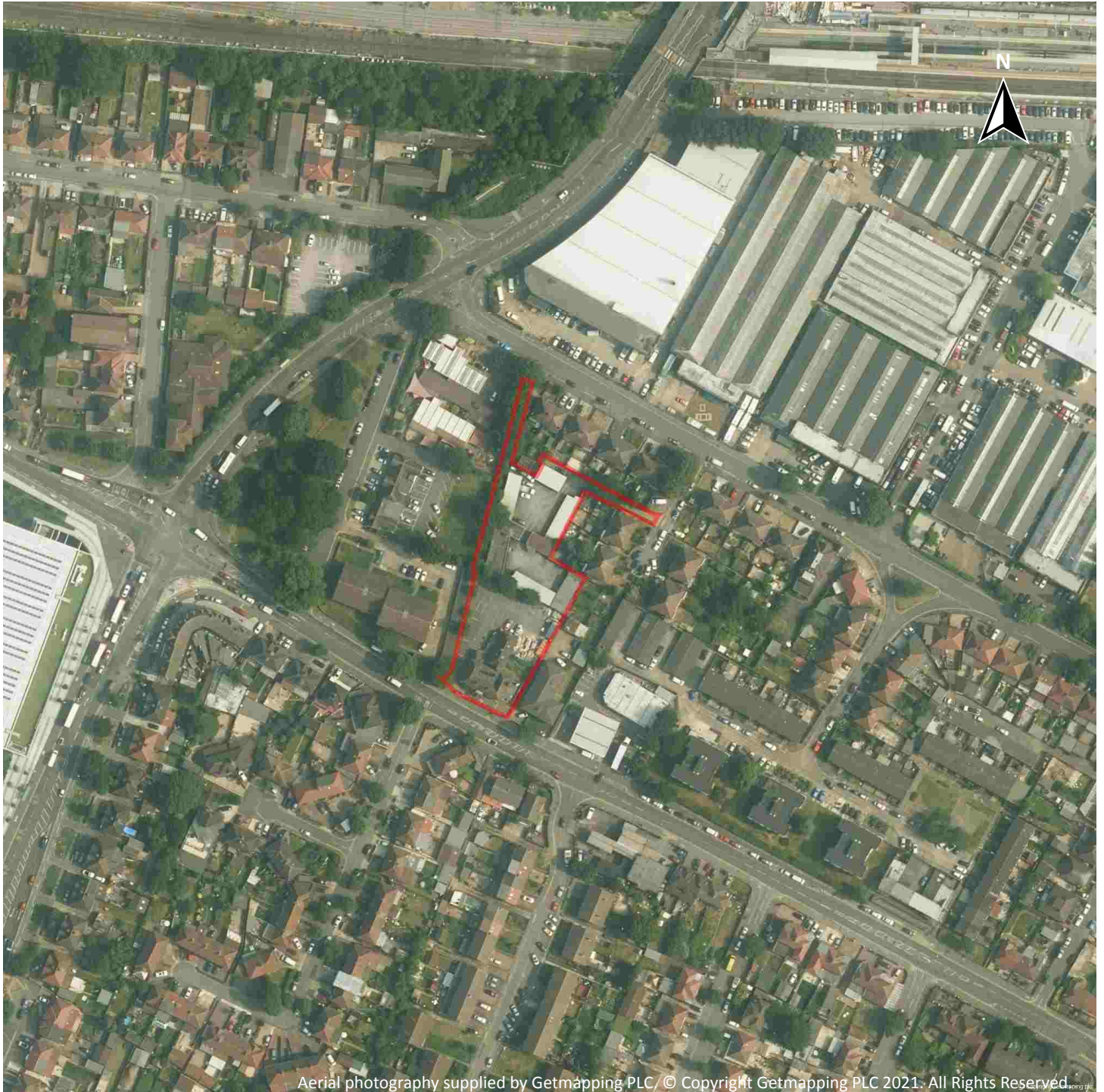


Capture Date: 29/06/2019

Site Area: 0.36ha



Recent site history - 2017 aerial photograph



Capture Date: 21/06/2017

Site Area: 0.36ha



Recent site history - 2013 aerial photograph



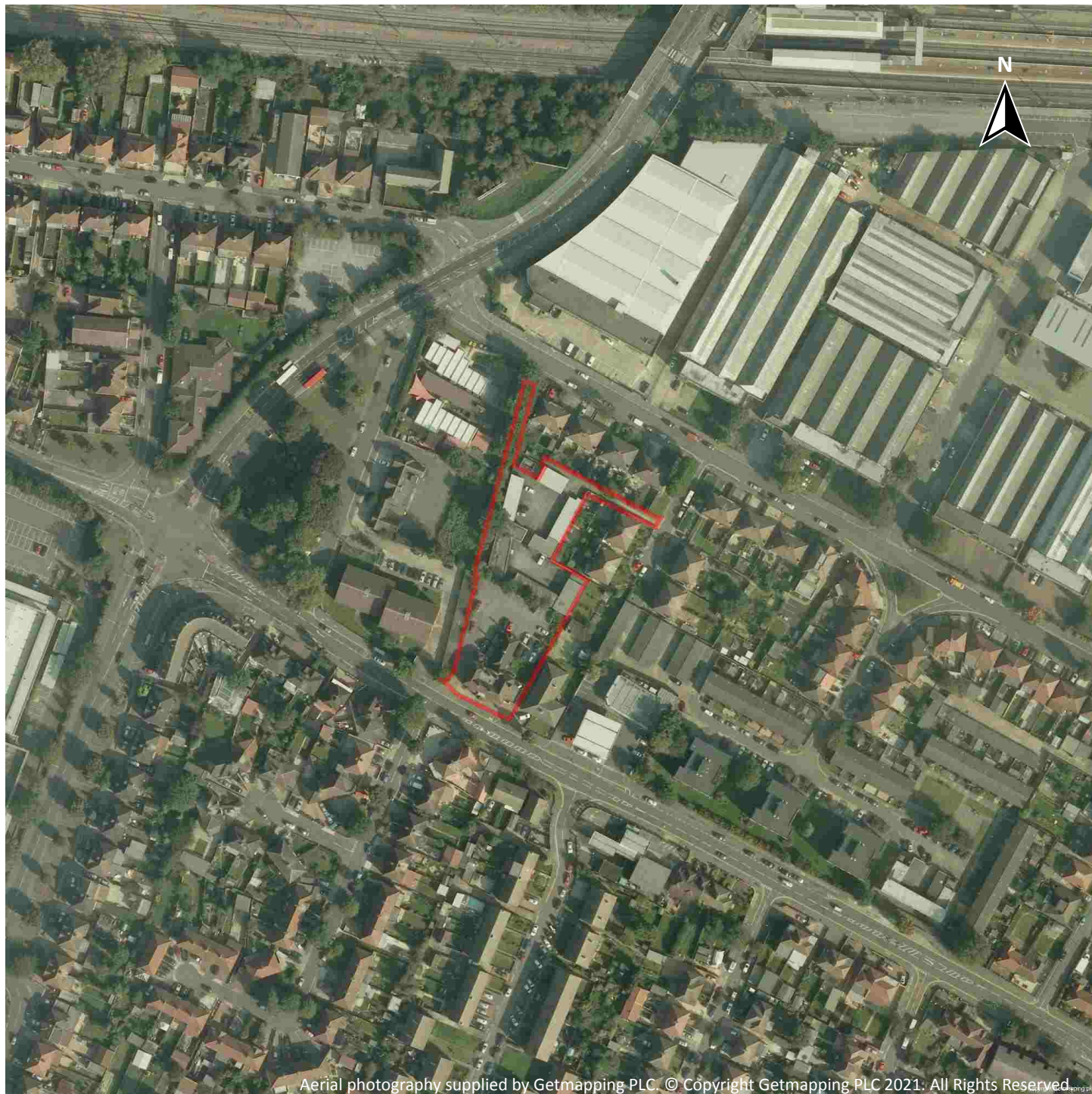
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2021. All Rights Reserved.

Capture Date: 20/04/2013

Site Area: 0.36ha



Recent site history - 2008 aerial photograph



Capture Date: 21/09/2008

Site Area: 0.36ha



Recent site history - 1999 aerial photograph



Capture Date: 29/08/1999

Site Area: 0.36ha



OS MasterMap site plan



Site Area: 0.36ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

175

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 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	11m NE	Unspecified Ground Workings	1897	2133377



ID	Location	Land use	Dates present	Group ID
B	11m S	Nursery	1938	2281236
B	11m S	Nursery	1938	2217205
B	13m S	Nursery	1959	2266896
B	14m S	Nursery	1935	2226822
B	16m S	Nursery	1964	2191576
A	17m NE	Unspecified Depot	1970	2281571
1	19m NE	Unspecified Commercial/Industrial	1959	2130809
D	19m NE	Railway Sidings	1959	2168786
D	19m NE	Railway Sidings	1964	2168787
D	19m NE	Railway Sidings	1959	2168788
D	19m NE	Railway Sidings	1964	2168789
D	19m NE	Railway Sidings	1964	2168790
D	19m NE	Railway Sidings	1966	2168791
D	19m NE	Railway Sidings	1964	2168792
D	19m NE	Railway Sidings	1959	2168793
A	19m NE	Unspecified Depot	1974 - 1987	2197355
E	21m NE	Cocoa Factory	1938	2287066
A	73m NE	Unspecified Tanks	1938	2143830
2	75m N	Unspecified Pit	1959	2125179
G	100m N	Railway Sidings	1920	2231088
H	110m NE	Railway Sidings	1913 - 1974	2282032
I	112m NE	Cocoa Factory	1935	2277199
H	112m NE	Railway Sidings	1987	2168726
J	112m NE	Railway Sidings	1938	2168855
J	112m NE	Railway Sidings	1938	2168856
J	112m NE	Railway Sidings	1935	2168857
J	112m NE	Railway Sidings	1935	2168858
K	114m NE	Railway Sidings	1935 - 1938	2226800

ID	Location	Land use	Dates present	Group ID
L	135m W	Aviation Works	1935	2143183
J	136m NE	Railway Station	1897	2209389
L	136m W	Unspecified Commercial/Industrial	1938	2183723
J	136m NE	Railway Station	1894	2273596
L	137m W	Works	1964	2157126
M	138m W	Unspecified Commercial/Industrial	1987	2249035
M	140m W	Unspecified Works	1970	2180312
M	140m W	Unspecified Commercial/Industrial	1974	2191941
N	141m NW	Unspecified Factory	1987	2249434
N	142m N	Railway Sidings	1935	2238585
J	142m NE	Railway Station	1970	2212593
N	143m N	Railway Sidings	1938	2257027
J	144m NE	Railway Station	1964 - 1987	2254866
J	145m NE	Railway Station	1920	2184762
J	146m NE	Railway Station	1935	2287716
J	149m NE	Railway Station	1938 - 1959	2274600
O	151m W	Unspecified Works	1959	2182227
L	151m W	Unspecified Commercial/Industrial	1938	2213967
J	153m NE	Railway Station	1913	2243625
J	155m NE	Railway Building	1913	2148514
H	165m N	Unspecified Commercial/Industrial	1935	2235938
H	167m N	Unspecified Works	1970	2175419
J	168m NE	Railway Building	1913	2148513
H	168m N	Unspecified Works	1974 - 1987	2191499
J	168m NE	Railway Station	1882	2234193
H	168m N	Unspecified Commercial/Industrial	1964	2262076
N	169m N	Unspecified Factory	1959	2197840
J	170m NE	Railway Station	1865	2247777



ID	Location	Land use	Dates present	Group ID
N	176m NW	Factory	1964	2135525
N	179m NW	Unspecified Works	1970 - 1974	2276328
D	183m N	Brick Field	1865	2199890
N	187m NW	Gramophone Factories	1935	2223452
N	191m NW	Gramophone Factories	1938	2183718
N	197m NW	Gramophone Factories	1938	2228339
P	197m NW	Unspecified Tanks	1970	2218177
P	201m NW	Unspecified Tanks	1974 - 1987	2247754
G	203m NE	Unspecified Works	1987	2250626
G	205m NE	Railway Sidings	1894	2190823
J	207m NE	Railway Building	1935 - 1938	2275127
J	208m NE	Railway Buildings	1938	2163422
J	208m NE	Railway Building	1959	2294388
D	208m N	Brick Field	1882	2201808
J	209m NE	Railway Building	1964 - 1970	2225987
G	209m NE	Carriage Shed	1920	2176742
G	211m NE	Unspecified Works	1974	2243490
G	211m NE	Railway Sidings	1897	2230201
K	213m NE	Railway Sidings	1894 - 1897	2257030
Q	213m NW	Unspecified Works	1920	2291202
G	219m NE	Carriage Shed	1913	2204041
G	221m NE	Carriage Shed	1897	2254684
G	221m NE	Carriage Shed	1894	2219870
R	221m NE	Railway Sidings	1935 - 1938	2257026
J	222m NE	Railway Building	1987	2148526
S	234m SE	Caravan Works	1935	2160699
6	240m SW	Unspecified Warehouses	1987	2142509
G	272m NE	Railway Building	1920	2148515



ID	Location	Land use	Dates present	Group ID
G	273m NE	Railway Building	1970	2279579
Q	273m NW	Unspecified Works	1913	2241709
G	279m NE	Railway Building	1913	2290830
R	282m NE	Railway Building	1970	2148525
G	282m NE	Railway Building	1938	2236034
G	283m NE	Railway Building	1938 - 1959	2281897
T	295m NE	Railway Building	1964	2148516
O	295m W	Unspecified Tanks	1938	2270924
D	297m N	Unspecified Commercial/Industrial	1974	2203654
D	297m N	Unspecified Works	1970	2286879
D	299m N	Engineering Works	1938	2268815
D	300m N	Unspecified Works	1959	2179453
9	300m N	Unspecified Commercial/Industrial	1964	2194758
R	303m NE	Railway Building	1970	2148528
D	303m N	Engineering Works	1935	2179769
D	305m N	Engineering Works	1938	2280737
R	306m NE	Railway Building	1970	2148524
D	306m N	Works	1964	2157128
D	307m N	Unspecified Works	1987	2272449
U	308m NW	Railway Sidings	1938	2292988
U	308m NW	Railway Sidings	1935	2202246
N	311m NW	Gramophone Factories	1913	2201768
U	313m NW	Railway Sidings	1964	2237544
V	315m E	Unspecified Factory	1959	2188174
V	315m E	Unspecified Factory	1966	2289453
V	316m E	Unspecified Factory	1994	2168902
V	316m E	Unspecified Factory	1974 - 1985	2255347
D	318m N	Disused Railway Sidings	1974	2165375

ID	Location	Land use	Dates present	Group ID
O	325m W	Unspecified Tanks	1935 - 1938	2246321
D	327m N	Engineering Works	1920	2191472
O	328m W	Tanks	1964	2162223
D	331m N	Engineering Works	1913	2242850
G	332m NE	Railway Building	1935 - 1959	2223708
G	333m NE	Railway Building	1938	2170990
K	341m NE	Brick Field	1865	2170007
11	342m W	Unspecified Warehouses	1987	2142519
U	347m NW	Unspecified Commercial/Industrial	1935	2277345
U	349m NW	Unspecified Works	1970 - 1974	2213492
U	349m NW	Unspecified Works	1987	2279471
O	352m W	Unspecified Tank	1959	2154499
Q	355m NW	Unspecified Tank	1913 - 1920	2283603
Q	355m NW	Railway Sidings	1920	2232225
U	355m NW	Unspecified Commercial/Industrial	1964	2285509
Q	358m NW	Unspecified Tank	1970	2154497
D	368m N	Sugar Works	1920	2145446
K	373m NE	Chair Factory	1913 - 1920	2185181
N	379m NW	Gramophone Factories	1920	2173075
K	379m NE	Unspecified Works	1985	2250627
K	379m NE	Unspecified Works	1966	2201691
K	379m NE	Unspecified Works	1959	2265104
K	380m NE	Unspecified Wharves	1920	2140494
K	381m NE	Unspecified Works	1994	2168878
D	381m NW	Partition Works	1938	2178202
K	386m NE	Unspecified Commercial/Industrial	1935 - 1938	2185708
K	386m NE	Unspecified Works	1938	2250193
K	386m NE	Piano Works	1920	2153068



ID	Location	Land use	Dates present	Group ID
K	390m NE	Unspecified Wharf	1938	2201476
K	393m NE	Piano Factory	1913	2141132
K	393m NE	Unspecified Wharfs	1913	2151296
K	393m NE	Unspecified Wharf	1938	2237586
K	398m NE	Tunnel	1994	2151520
K	401m NE	Brick Field	1882	2189271
D	402m NW	Railway Sidings	1964	2214947
D	405m NW	Marble, Slate and Granite Works	1913	2164018
13	412m W	Unspecified Heap	1970	2136299
D	416m N	Railway Sidings	1920	2236755
14	416m NE	Railway Sidings	1935	2257029
K	419m NE	Unspecified Factory	1974	2186980
K	419m NE	Unspecified Factory	1966	2212558
K	422m NE	Unspecified Factory	1994	2247414
K	422m NE	Unspecified Factory	1985	2281087
K	433m NE	Railway Sidings	1865	2250728
Y	434m W	Unspecified Pits	1913	2141664
Y	434m W	Unspecified Pit	1938	2177864
K	435m NE	Unspecified Wharf	1959	2219902
Y	436m W	Unspecified Pit	1920 - 1935	2283236
Y	438m W	Unspecified Heap	1970	2202832
Y	438m W	Unspecified Heap	1974	2231100
Y	438m W	Unspecified Heap	1987	2245731
D	439m NW	Marble, Slate and Granite Works	1920	2164017
K	439m NE	Unspecified Wharf	1935	2226356
Y	439m W	Unspecified Pit	1964	2224013
Y	440m W	Unspecified Pit	1938	2263398
Y	441m W	Unspecified Pit	1959	2197868

ID	Location	Land use	Dates present	Group ID
D	447m NW	Sugar Beet Factory	1913	2139554
K	456m NE	Railway Sidings	1882	2213402
Z	469m E	Creosoting Works	1938	2251856
Z	479m E	Unspecified Works	1959	2219494
Z	482m E	Creosoting Works	1935	2211764
K	492m NE	Clay Mill	1865	2166655

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

48

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
C	37m SE	Unspecified Tank	1992	398717
C	38m SE	Unspecified Tank	1972	411573
P	201m NW	Tanks	1965 - 1972	407337
P	201m NW	Tanks	1992	385102
J	226m NE	Unspecified Tank	1992	396853
J	227m NE	Unspecified Tank	1972	407015
G	261m NE	Tanks	1992	400704
G	261m NE	Tanks	1972	392955
G	270m NE	Tanks	1972	396326
8	275m W	Tanks	1965	403225
Q	340m NW	Unspecified Tank	1965	409255
Q	342m NW	Unspecified Tank	1965	380571



ID	Location	Land use	Dates present	Group ID
O	342m W	Tanks	1935	375985
Q	346m NW	Unspecified Tank	1965	403730
M	348m W	Unspecified Tank	1996 - 1998	383111
Q	352m NW	Tanks	1965 - 1988	382984
Q	359m NW	Tanks	1914	375981
Q	361m NW	Unspecified Tank	1914	363712
Q	369m NW	Tanks	1978 - 1988	381909
Q	372m NW	Unspecified Tank	1914	363713
Q	376m NW	Tanks	1914	375982
Q	380m NW	Unspecified Tank	1978 - 1988	405743
Q	383m NW	Tanks	1914	375980
W	392m SW	Unspecified Tank	1986	387370
W	392m SW	Unspecified Tank	1992	387534
Q	399m NW	Tanks	1965	403969
O	400m W	Unspecified Tank	1996 - 1998	381781
Q	401m NW	Tanks	1935	399967
Q	401m NW	Tanks	1965	411466
Q	402m NW	Tanks	1978 - 1988	401188
Q	402m NW	Unspecified Tank	1914	363711
D	419m N	Tanks	1975	375946
X	426m E	Tanks	1972 - 1993	385193
K	428m NE	Unspecified Tank	1914	363687
K	430m NE	Unspecified Tank	1972 - 1993	406676
K	431m NE	Tanks	1973	385995
K	434m NE	Tanks	1979 - 1984	399488
X	449m E	Tanks	1972	400453
X	449m E	Tanks	1979 - 1993	401223
X	460m E	Unspecified Tank	1972 - 1979	408587

ID	Location	Land use	Dates present	Group ID
X	460m E	Tanks	1993	375988
X	463m E	Unspecified Tank	1972 - 1979	404915
15	463m W	Unspecified Tank	1996 - 1998	381234
X	467m E	Unspecified Tank	1972 - 1979	388411
K	472m NE	Tanks	1972	375984
X	474m E	Unspecified Tank	1993	398053
X	474m E	Unspecified Tank	1972 - 1979	381801
X	490m E	Unspecified Tank	1979 - 1993	402679

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

17

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
F	45m S	Electricity Substation	1972 - 1992	290994
3	179m W	Electricity Substation	1978 - 1998	280424
4	179m SE	Electricity Substation	1972 - 1992	265012
5	226m SW	Electricity Substation	1973 - 1992	272309
7	248m W	Electricity Substation	1978 - 1998	276727
D	254m NW	Electricity Substation	1975 - 1994	281193
D	278m N	Electricity Substation	1975 - 1994	285221
S	297m SE	Electricity Substation	1973	243644
E	326m E	Electricity Substation	1987	243646
12	343m S	Electricity Substation	1973 - 1992	292486



ID	Location	Land use	Dates present	Group ID
T	344m E	Electricity Substation	1993	243647
O	382m W	Electricity Substation	1978	243648
I	407m E	Electricity Substation	1987	243656
U	431m NW	Electricity Substation	1988 - 1999	260149
Z	473m E	Disused Power Station	1993	249991
Z	474m E	Power Station	1979	251979
K	497m NE	Electricity Substation	1993	243655

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

8

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
C	17m SE	Garage	1965 - 1992	81415
C	18m SE	Garage	1965	86053
F	45m SE	Garage	1992	78349
F	46m SE	Garage	1965 - 1972	85014



ID	Location	Land use	Dates present	Group ID
F	47m SE	Garage	1965	74577
G	216m NE	Carriage Shed	1895 - 1914	83237
K	376m NE	Motor Repair Works	1982	75974
K	376m NE	Motor Repair Works	1975	79984

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

2

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.

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

ID	Location	Site Name	Date of Operation	Activities
Q	278m NW	Hayes	circa WWI	Aero-engine Factory; Aero-engine parts
10	327m S	Hayes No. 7 -62	circa WWI	National Filling Factory; Filling shell (18pdr to 12in) cartridges components

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

199

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 26**

ID	Location	Land Use	Date	Group ID
A	11m NE	Unspecified Ground Workings	1897	2133377
B	11m S	Nursery	1938	2281236
B	11m S	Nursery	1938	2217205



ID	Location	Land Use	Date	Group ID
B	13m S	Nursery	1959	2266896
B	14m S	Nursery	1935	2226822
B	16m S	Nursery	1964	2191576
A	17m NE	Unspecified Depot	1970	2281571
1	19m NE	Unspecified Commercial/Industrial	1959	2130809
2	19m NE	Railway Sidings	1959	2168786
A	19m NE	Unspecified Depot	1974	2197355
A	20m NE	Unspecified Depot	1987	2197355
D	21m NE	Cocoa Factory	1938	2287066
A	73m NE	Unspecified Tanks	1938	2143830
3	75m N	Unspecified Pit	1959	2125179
F	100m N	Railway Sidings	1920	2231088
G	110m NE	Railway Sidings	1970	2282032
F	111m NE	Railway Sidings	1913	2282032
G	112m NE	Railway Sidings	1974	2282032
H	112m NE	Cocoa Factory	1935	2277199
G	112m NE	Railway Sidings	1987	2168726
I	112m NE	Railway Sidings	1938	2168855
J	114m NE	Railway Sidings	1938	2226800
J	118m NE	Railway Sidings	1935	2226800
K	120m NE	Railway Sidings	1964	2168787
L	135m W	Aviation Works	1935	2143183
I	136m NE	Railway Station	1897	2209389
L	136m W	Unspecified Commercial/Industrial	1938	2183723
I	136m NE	Railway Station	1894	2273596
L	137m W	Works	1964	2157126
M	138m W	Unspecified Commercial/Industrial	1987	2249035
M	140m W	Unspecified Works	1970	2180312



ID	Location	Land Use	Date	Group ID
M	140m W	Unspecified Commercial/Industrial	1974	2191941
N	141m NW	Unspecified Factory	1987	2249434
N	142m N	Railway Sidings	1935	2238585
I	142m NE	Railway Station	1970	2212593
N	143m N	Railway Sidings	1938	2257027
I	144m NE	Railway Station	1974	2254866
I	145m NE	Railway Station	1987	2254866
I	145m NE	Railway Station	1920	2184762
N	145m N	Railway Sidings	1964	2168792
I	146m NE	Railway Station	1935	2287716
I	149m NE	Railway Station	1959	2274600
I	150m NE	Railway Station	1938	2274600
I	151m NE	Railway Station	1938	2274600
O	151m W	Unspecified Works	1959	2182227
I	151m NE	Railway Station	1964	2254866
L	151m W	Unspecified Commercial/Industrial	1938	2213967
I	153m NE	Railway Station	1913	2243625
I	155m NE	Railway Building	1913	2148514
G	165m N	Unspecified Commercial/Industrial	1935	2235938
G	167m N	Unspecified Works	1970	2175419
I	168m NE	Railway Building	1913	2148513
G	168m N	Unspecified Works	1974	2191499
I	168m NE	Railway Station	1882	2234193
G	168m N	Unspecified Commercial/Industrial	1964	2262076
G	169m N	Unspecified Works	1987	2191499
N	169m N	Unspecified Factory	1959	2197840
I	170m NE	Railway Station	1865	2247777
N	176m NW	Factory	1964	2135525



ID	Location	Land Use	Date	Group ID
N	179m NW	Unspecified Works	1974	2276328
G	183m N	Brick Field	1865	2199890
N	187m NW	Gramophone Factories	1935	2223452
N	191m NW	Gramophone Factories	1938	2183718
N	197m NW	Gramophone Factories	1938	2228339
G	197m NW	Unspecified Tanks	1970	2218177
G	201m NW	Unspecified Tanks	1987	2247754
G	201m NW	Unspecified Tanks	1974	2247754
F	203m NE	Unspecified Works	1987	2250626
K	205m NE	Railway Sidings	1894	2190823
I	207m NE	Railway Building	1935	2275127
I	207m NE	Railway Building	1938	2275127
I	208m NE	Railway Buildings	1938	2163422
I	208m NE	Railway Building	1959	2294388
G	208m N	Brick Field	1882	2201808
I	209m NE	Railway Building	1964	2225987
I	209m NE	Railway Building	1970	2225987
F	209m NE	Carriage Shed	1920	2176742
F	211m NE	Unspecified Works	1974	2243490
K	211m NE	Railway Sidings	1897	2230201
J	213m NE	Railway Sidings	1894	2257030
R	213m NW	Unspecified Works	1920	2291202
F	219m NE	Carriage Shed	1913	2204041
F	221m NE	Carriage Shed	1897	2254684
F	221m NE	Carriage Shed	1894	2219870
N	221m NW	Unspecified Works	1970	2276328
F	221m NE	Railway Sidings	1935	2257026
I	222m NE	Railway Building	1987	2148526



ID	Location	Land Use	Date	Group ID
F	222m NE	Railway Sidings	1938	2257026
F	224m NE	Railway Sidings	1964	2168790
T	234m SE	Caravan Works	1935	2160699
J	236m NE	Railway Sidings	1897	2257030
4	240m SW	Unspecified Warehouses	1987	2142509
K	272m NE	Railway Building	1920	2148515
K	273m NE	Railway Building	1970	2279579
R	273m NW	Unspecified Works	1913	2241709
K	279m NE	Railway Building	1913	2290830
F	282m NE	Railway Building	1970	2148525
K	282m NE	Railway Building	1938	2236034
K	283m NE	Railway Building	1938	2281897
K	284m NE	Railway Building	1959	2281897
W	295m NE	Railway Building	1964	2148516
O	295m W	Unspecified Tanks	1938	2270924
G	297m N	Unspecified Works	1970	2286879
G	297m N	Unspecified Commercial/Industrial	1974	2203654
G	299m N	Engineering Works	1938	2268815
G	300m N	Unspecified Works	1959	2179453
5	300m N	Unspecified Commercial/Industrial	1964	2194758
F	303m NE	Railway Building	1970	2148528
G	303m N	Engineering Works	1935	2179769
G	305m N	Engineering Works	1938	2280737
F	306m NE	Railway Building	1970	2148524
G	306m N	Works	1964	2157128
G	307m N	Unspecified Works	1987	2272449
X	308m NW	Railway Sidings	1938	2292988
X	308m NW	Railway Sidings	1935	2202246



ID	Location	Land Use	Date	Group ID
N	311m NW	Gramophone Factories	1913	2201768
X	313m NW	Railway Sidings	1964	2237544
Y	315m E	Unspecified Factory	1966	2289453
Y	315m E	Unspecified Factory	1959	2188174
Y	316m E	Unspecified Factory	1994	2168902
Y	316m E	Unspecified Factory	1985	2255347
Y	316m E	Unspecified Factory	1974	2255347
G	318m N	Disused Railway Sidings	1974	2165375
O	325m W	Unspecified Tanks	1935	2246321
G	327m N	Engineering Works	1920	2191472
O	327m W	Unspecified Tanks	1938	2246321
O	328m W	Tanks	1964	2162223
G	331m N	Engineering Works	1913	2242850
F	332m NE	Railway Building	1935	2223708
F	332m NE	Railway Building	1938	2223708
F	333m NE	Railway Building	1938	2170990
F	335m NE	Railway Building	1959	2223708
J	341m NE	Brick Field	1865	2170007
J	342m NE	Railway Sidings	1966	2168791
J	342m NE	Railway Sidings	1959	2168788
6	342m W	Unspecified Warehouses	1987	2142519
X	347m NW	Unspecified Commercial/Industrial	1935	2277345
X	349m NW	Unspecified Works	1970	2213492
X	349m NW	Unspecified Works	1974	2213492
X	349m NW	Unspecified Works	1987	2279471
O	352m W	Unspecified Tank	1959	2154499
R	355m NW	Unspecified Tank	1920	2283603
R	355m NW	Railway Sidings	1920	2232225



ID	Location	Land Use	Date	Group ID
X	355m NW	Unspecified Commercial/Industrial	1964	2285509
R	356m NW	Unspecified Tank	1913	2283603
R	358m NW	Unspecified Tank	1970	2154497
Y	363m E	Cocoa Factory	1938	2287066
G	368m N	Sugar Works	1920	2145446
J	373m NE	Chair Factory	1920	2185181
N	379m NW	Gramophone Factories	1920	2173075
J	379m NE	Unspecified Works	1985	2250627
J	379m NE	Unspecified Works	1974	2243490
J	379m NE	Unspecified Works	1966	2201691
J	380m NE	Unspecified Wharves	1920	2140494
J	380m NE	Chair Factory	1913	2185181
J	381m NE	Unspecified Works	1994	2168878
G	381m NW	Partition Works	1938	2178202
J	386m NE	Unspecified Commercial/Industrial	1935	2185708
J	386m NE	Unspecified Works	1938	2250193
J	386m NE	Piano Works	1920	2153068
J	389m NE	Unspecified Works	1959	2265104
J	390m NE	Unspecified Wharf	1938	2201476
J	390m NE	Unspecified Wharf	1938	2201476
J	393m NE	Unspecified Wharfs	1913	2151296
J	393m NE	Piano Factory	1913	2141132
J	393m NE	Unspecified Wharf	1938	2237586
J	394m NE	Unspecified Commercial/Industrial	1938	2185708
J	398m NE	Tunnel	1994	2151520
J	401m NE	Brick Field	1882	2189271
G	402m NW	Railway Sidings	1964	2214947
G	405m NW	Marble, Slate and Granite Works	1913	2164018

ID	Location	Land Use	Date	Group ID
7	412m W	Unspecified Heap	1970	2136299
G	416m N	Railway Sidings	1920	2236755
8	416m NE	Railway Sidings	1935	2257029
J	419m NE	Unspecified Factory	1974	2186980
J	419m NE	Unspecified Factory	1966	2212558
J	422m NE	Unspecified Factory	1994	2247414
J	422m NE	Unspecified Factory	1985	2281087
J	433m NE	Railway Sidings	1865	2250728
AB	434m W	Unspecified Pits	1913	2141664
AB	434m W	Unspecified Pit	1938	2177864
J	435m NE	Unspecified Wharf	1959	2219902
AB	436m W	Unspecified Pit	1935	2283236
AB	437m W	Unspecified Pit	1920	2283236
AB	438m W	Unspecified Heap	1970	2202832
AB	438m W	Unspecified Heap	1987	2245731
AB	438m W	Unspecified Heap	1974	2231100
G	439m NW	Marble, Slate and Granite Works	1920	2164017
J	439m NE	Unspecified Wharf	1935	2226356
AB	439m W	Unspecified Pit	1964	2224013
AB	440m W	Unspecified Pit	1938	2263398
AB	440m W	Unspecified Pit	1938	2263398
AB	441m W	Unspecified Pit	1959	2197868
G	447m NW	Sugar Beet Factory	1913	2139554
J	456m NE	Railway Sidings	1882	2213402
AD	469m E	Creosoting Works	1938	2251856
AD	479m E	Unspecified Works	1959	2219494
AD	482m E	Creosoting Works	1935	2211764
J	492m NE	Clay Mill	1865	2166655

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

82

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 26**

ID	Location	Land Use	Date	Group ID
C	37m SE	Unspecified Tank	1992	398717
C	38m SE	Unspecified Tank	1972	411573
G	201m NW	Tanks	1965	407337
G	201m NW	Tanks	1972	407337
G	201m NW	Tanks	1965	407337
G	201m NW	Tanks	1992	385102
I	226m NE	Unspecified Tank	1992	396853
I	227m NE	Unspecified Tank	1972	407015
K	261m NE	Tanks	1992	400704
K	261m NE	Tanks	1972	392955
K	270m NE	Tanks	1972	396326
V	275m W	Tanks	1965	403225
V	275m W	Tanks	1965	403225
V	276m W	Tanks	1965	403225
R	340m NW	Unspecified Tank	1965	409255
R	341m NW	Unspecified Tank	1965	409255
R	341m NW	Unspecified Tank	1965	409255
R	342m NW	Unspecified Tank	1965	380571
O	342m W	Tanks	1935	375985
R	343m NW	Unspecified Tank	1965	380571
R	343m NW	Unspecified Tank	1965	380571
R	346m NW	Unspecified Tank	1965	403730
R	347m NW	Unspecified Tank	1965	403730



ID	Location	Land Use	Date	Group ID
R	347m NW	Unspecified Tank	1965	403730
M	348m W	Unspecified Tank	1996	383111
M	348m W	Unspecified Tank	1998	383111
R	352m NW	Tanks	1965	382984
R	352m NW	Tanks	1978	382984
R	352m NW	Tanks	1988	382984
R	353m NW	Tanks	1965	382984
R	353m NW	Tanks	1965	382984
R	359m NW	Tanks	1914	375981
R	361m NW	Unspecified Tank	1914	363712
R	369m NW	Tanks	1978	381909
R	369m NW	Tanks	1988	381909
R	372m NW	Unspecified Tank	1914	363713
R	376m NW	Tanks	1914	375982
R	380m NW	Unspecified Tank	1978	405743
R	380m NW	Unspecified Tank	1988	405743
R	383m NW	Tanks	1914	375980
AA	392m SW	Unspecified Tank	1986	387370
AA	392m SW	Unspecified Tank	1986	387370
AA	392m SW	Unspecified Tank	1992	387534
R	399m NW	Tanks	1965	403969
R	399m NW	Tanks	1965	403969
O	400m W	Unspecified Tank	1996	381781
O	400m W	Unspecified Tank	1998	381781
R	401m NW	Tanks	1935	399967
R	401m NW	Tanks	1965	411466
R	402m NW	Tanks	1978	401188
R	402m NW	Tanks	1988	401188



ID	Location	Land Use	Date	Group ID
R	402m NW	Unspecified Tank	1914	363711
G	419m N	Tanks	1975	375946
J	426m E	Tanks	1972	385193
J	426m E	Tanks	1993	385193
J	427m E	Tanks	1979	385193
J	428m NE	Unspecified Tank	1914	363687
J	430m NE	Unspecified Tank	1972	406676
J	430m NE	Unspecified Tank	1993	406676
J	431m NE	Tanks	1973	385995
J	431m NE	Unspecified Tank	1979	406676
J	434m NE	Tanks	1979	399488
J	434m NE	Tanks	1979	399488
J	434m NE	Tanks	1984	399488
J	449m E	Tanks	1972	400453
J	449m E	Tanks	1993	401223
J	451m E	Tanks	1979	401223
J	460m E	Unspecified Tank	1972	408587
J	460m E	Tanks	1993	375988
J	461m E	Unspecified Tank	1979	408587
J	463m E	Unspecified Tank	1972	404915
AC	463m W	Unspecified Tank	1996	381234
AC	463m W	Unspecified Tank	1998	381234
J	464m E	Unspecified Tank	1979	404915
J	467m E	Unspecified Tank	1972	388411
J	469m E	Unspecified Tank	1979	388411
J	472m NE	Tanks	1972	375984
J	474m E	Unspecified Tank	1993	398053
J	474m E	Unspecified Tank	1972	381801

ID	Location	Land Use	Date	Group ID
J	476m E	Unspecified Tank	1979	381801
J	490m E	Unspecified Tank	1993	402679
J	491m E	Unspecified Tank	1979	402679

This data is sourced from Ordnance Survey / Groundsure.

2.3 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. 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 26**

ID	Location	Land Use	Date	Group ID
E	45m S	Electricity Substation	1992	290994
E	45m S	Electricity Substation	1972	290994
P	179m W	Electricity Substation	1978	280424
P	179m W	Electricity Substation	1996	280424
P	179m W	Electricity Substation	1998	280424
Q	179m SE	Electricity Substation	1992	265012
Q	181m SE	Electricity Substation	1972	265012
S	226m SW	Electricity Substation	1992	272309
S	226m SW	Electricity Substation	1973	272309
S	228m SW	Electricity Substation	1986	272309
S	228m SW	Electricity Substation	1986	272309
U	248m W	Electricity Substation	1978	276727
U	249m W	Electricity Substation	1996	276727
U	249m W	Electricity Substation	1998	276727
G	254m NW	Electricity Substation	1982	281193
G	254m NW	Electricity Substation	1993	281193
G	254m NW	Electricity Substation	1994	281193



ID	Location	Land Use	Date	Group ID
G	254m NW	Electricity Substation	1975	281193
G	278m N	Electricity Substation	1982	285221
G	278m N	Electricity Substation	1975	285221
G	279m N	Electricity Substation	1993	285221
G	279m N	Electricity Substation	1994	285221
T	297m SE	Electricity Substation	1973	243644
D	326m E	Electricity Substation	1987	243646
Z	343m S	Electricity Substation	1992	292486
W	344m E	Electricity Substation	1993	243647
Z	344m S	Electricity Substation	1973	292486
O	382m W	Electricity Substation	1978	243648
H	407m E	Electricity Substation	1987	243656
X	431m NW	Electricity Substation	1997	260149
X	431m NW	Electricity Substation	1999	260149
X	433m NW	Electricity Substation	1988	260149
AD	473m E	Disused Power Station	1993	249991
AD	474m E	Power Station	1979	251979
J	497m NE	Electricity Substation	1993	243655

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

13

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'.

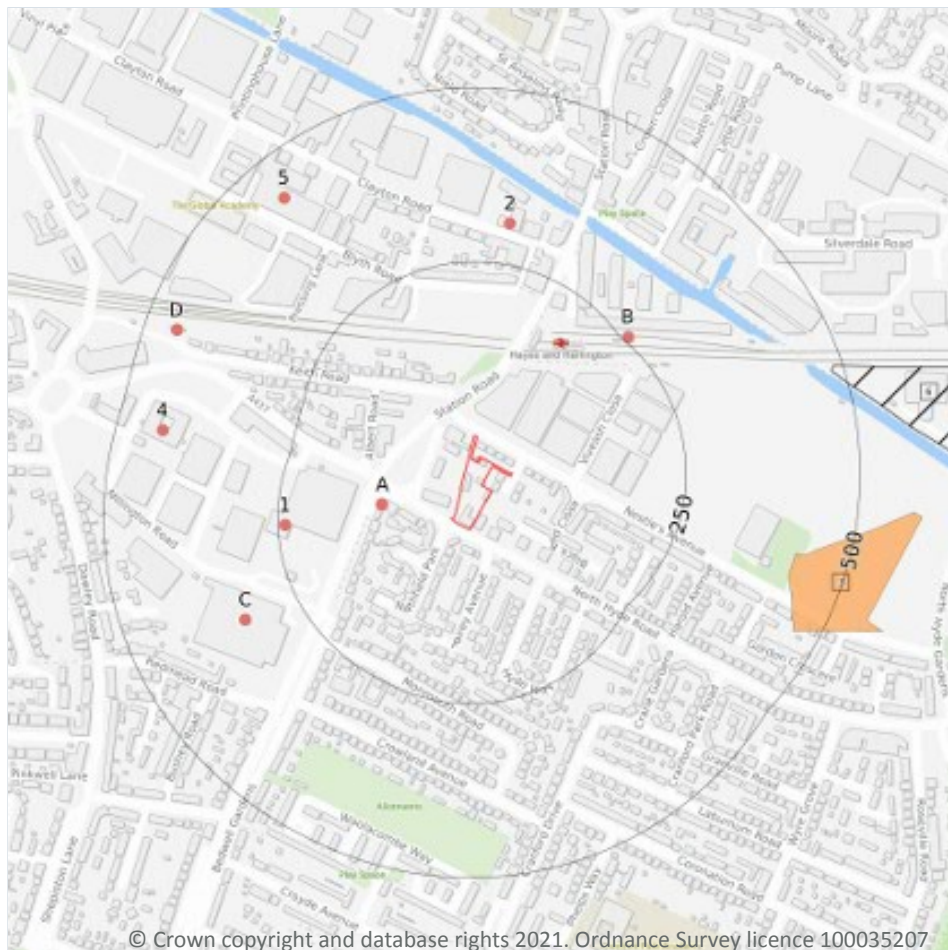
Features are displayed on the Past land use - un-grouped map on **page 26**

ID	Location	Land Use	Date	Group ID
C	17m SE	Garage	1992	81415
C	17m SE	Garage	1972	81415
C	17m SE	Garage	1965	81415
C	18m SE	Garage	1965	86053
C	18m SE	Garage	1965	86053
E	45m SE	Garage	1992	78349
E	46m SE	Garage	1972	85014
E	46m SE	Garage	1965	85014
E	47m SE	Garage	1965	74577
F	216m NE	Carriage Shed	1895	83237
F	217m NE	Carriage Shed	1914	83237
J	376m NE	Motor Repair Works	1982	75974
J	376m NE	Motor Repair Works	1975	79984

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

1

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

Features are displayed on the Waste and landfill map on **page 40**

ID	Location	Details		
6	482m E	Site Address: Bulls Bridge Area, Hays Town, Hillingdon, London Licence Holder Address: -	Waste Licence: - Site Reference: 8EA008, EAL008 Waste Type: Inert, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: London Borough of Ealing First Recorded - Last Recorded: 31/12/1936

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

3.5 Historical waste sites

Records within 500m

1

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 40**

ID	Location	Address	Further Details	Date
3	423m E	Site Address: N/A	Type of Site: Breakers 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

17

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 40**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	102m W	-	WEX207135	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	102m W	6, NORTHFIELD PARADE, STATION ROAD, HAYES, UB3 4JA	WEX212995	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	102m W	6, NORTHFIELD PARADE, STATION ROAD, HAYES, UB3 4JA	WEX058207	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	103m W	6 Station Road Hayes Middlesex UB3 4JA	EPR/LH0572W V/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
1	240m W	Hayes Retail Unit 3 Westlands Estate UB3 4AZ	EPR/CF0438VK /A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
B	256m NE	Hayes & Harlington Station Station Approach Hayes & Harlington London UB3 4BX	EPR/QF0206N L/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
B	256m NE	Hayes & Harlington Station Station Approach Hayes & Harlington London UB3 4BX	EPR/QF0206N L/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste for a specified purpose

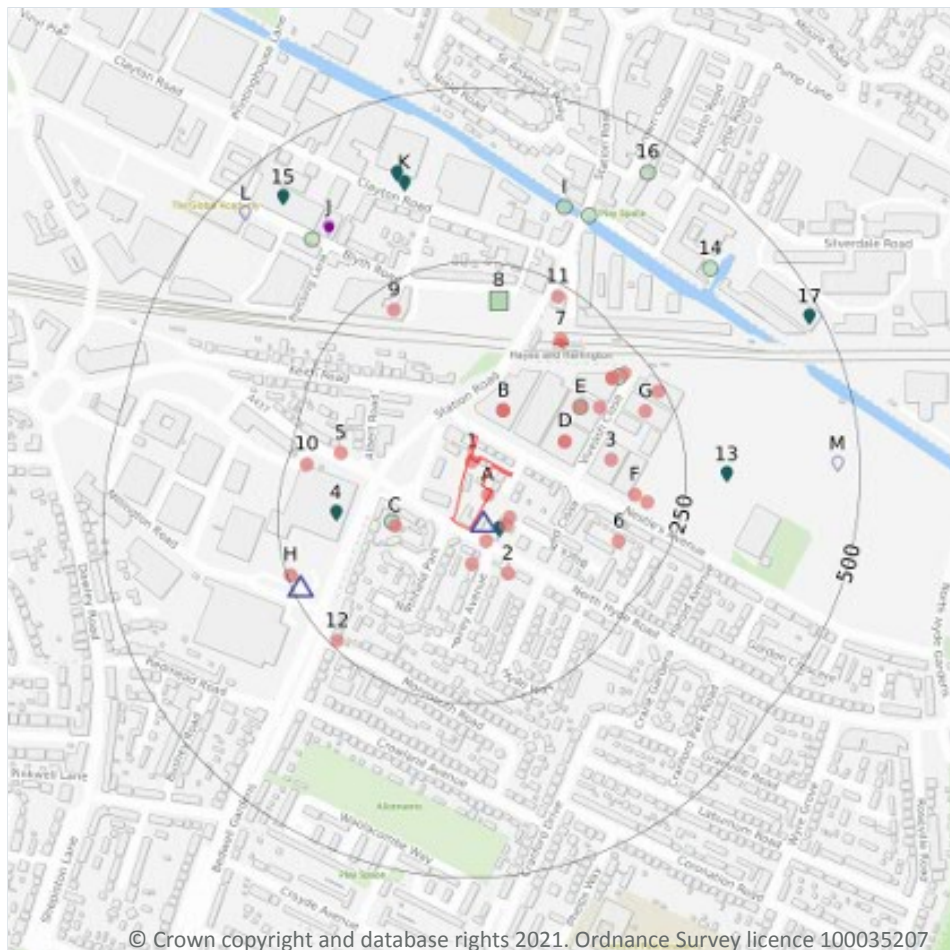


ID	Location	Site	Reference	Category	Sub-Category	Description
2	309m N	GSM Green, 11-21 Claton Road, Hayes Middlesex, UB3 1AX	WEX020568	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	331m SW	-	WEX261035	Storing waste exemption	Not on a farm	Storage of waste in secure containers
C	331m SW	-	WEX261035	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	331m SW	UNIT 2, MILLINGTON ROAD, HAYES, UB3 4AZ	WEX119690	Storing waste exemption	Not on a farm	Storage of waste in secure containers
C	331m SW	UNIT 2, MILLINGTON ROAD, HAYES, UB3 4AZ	WEX119690	Storing waste exemption	Not on a farm	Storage of waste in a secure place
4	434m W	HEATHROW 360 2 MILLINGTON ROAD HAYES MIDDLESEX UB3 4AZ	EPR/SF0301M D/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
5	438m NW	ENTERPRISE HOUSE, 133, BLYTH ROAD, HAYES, UB3 1DD	WEX198897	Using waste exemption	Not on a farm	Use of waste in construction
D	454m W	Hayes SATS Off Keith Road Hayes UB3 4PU	EPR/ZF0903H N/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	454m W	Hayes SATS Off Keith Road Hayes UB3 4PU	EPR/ZF0903H N/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
D	454m W	Hayes SATS Off Keith Road Hayes UB3 4PU	EPR/ZF0903H N/A001	Using waste exemption	Non-Agricultural Waste Only	Use of mulch

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Part A(1) industrial activities
- ◆ Licensed pollutant release (Part A(2)/B)
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)
- Pollution inventory waste transfers

4.1 Recent industrial land uses

Records within 250m

34

Current potentially contaminative industrial sites.

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

ID	Location	Company	Address	Activity	Category
1	On site	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
A	On site	Harlington Services	Unit 1 Sandow Commercial Estate, Sandow Crescent, Hayes, Greater London, UB3 4QH	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	29m SE	Tesco Petrol Station	40-42, North Hyde Road, Hayes, Greater London, UB3 4NE	Petrol and Fuel Stations	Road and Rail



ID	Location	Company	Address	Activity	Category
A	41m SE	Esso	North Hyde Road, Hayes, Greater London, UB3 4NE	Petrol and Fuel Stations	Road and Rail
A	42m SE	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
A	49m S	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
B	53m NE	Jambo Cargo	1, Nestles Avenue, Hayes, Greater London, UB3 4UZ	Distribution and Haulage	Transport, Storage and Delivery
B	53m NE	Execudrive	1, Nestles Avenue, Hayes, Greater London, UB3 4UZ	Vehicle Hire and Rental	Hire Services
B	53m NE	Worldwide Chauffeur Drive Ltd	Unit 3006 1 Nestles Avenue, Hayes, Greater London, UB3 4UZ	Vehicle Hire and Rental	Hire Services
B	53m NE	Everest Logistics Solutions Ltd	1, Nestles Avenue, Hayes, Greater London, UB3 4UZ	Distribution and Haulage	Transport, Storage and Delivery
B	53m NE	Saz It & Freight Solutions Ltd	1, Nestles Avenue, Hayes, Greater London, UB3 4UZ	Distribution and Haulage	Transport, Storage and Delivery
B	53m NE	Access Self Storage	1, Nestles Avenue, Hayes, Greater London, UB3 4UZ	Container and Storage	Transport, Storage and Delivery
C	83m W	Technology V S	9, North Hyde Road, Hayes, Greater London, UB3 4NJ	Electronic Equipment	Industrial Products
2	83m SE	North Hyde Trade Centre	North Hyde Trade Centre 37-39, North Hyde Road, Hayes, Greater London, UB3 4NN	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	89m NE	Cab Mates	233-236, Nestles Avenue, Hayes, Greater London, UB3 4SH	Vehicle Hire and Rental	Hire Services
D	89m NE	Spaceships	233-236, Nestles Avenue, Hayes, Greater London, UB3 4SH	Vehicle Hire and Rental	Hire Services
E	137m NE	Vanmatic	1a, Viveash Close, Hayes, Greater London, UB3 4RY	Vehicle Parts and Accessories	Motoring
3	143m E	Motormasters	Unit 7 Squirrels Trading Estate, Viveash Close, Hayes, Greater London, UB3 4RZ	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	157m NE	Wrench Ltd	1a, Viveash Close, Hayes, Greater London, UB3 4RY	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
F	179m E	M D I Motor Services Ltd	Unit 1 Squirrels Trading Estate, Viveash Close, Hayes, Greater London, UB3 4RZ	Vehicle Repair, Testing and Servicing	Repair and Servicing
5	180m W	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
6	182m SE	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
7	185m NE	Hayes & Harlington Rail Station	Greater London, UB3	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
E	199m NE	Jag West London	Unit 2b Viveash Close, Hayes, Greater London, UB3 4RY	Secondhand Vehicles	Motoring
E	199m NE	Sterling Performance Cars Ltd	2b, Viveash Close, Hayes, Greater London, UB3 4RY	Secondhand Vehicles	Motoring
F	199m E	Milano Distribution	Unit 5 Squirrels Trading Estate, Viveash Close, Hayes, Greater London, UB3 4RZ	Workwear	Industrial Products
G	212m NE	Paramount Powders UK Ltd	4, Viveash Close, Hayes, Greater London, UB3 4RY	Industrial Coatings and Finishings	Industrial Products
9	214m NW	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
E	216m NE	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
10	223m W	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
11	233m NE	A 2 Z Repairs	107, Station Road, Hayes, Greater London, UB3 4BX	Electrical Equipment Repair and Servicing	Repair and Servicing
12	241m SW	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
G	241m NE	General Food Trading Ltd	3, Viveash Close, Hayes, Greater London, UB3 4RY	Catering and Non Specific Food Products	Foodstuffs
H	245m W	Asda Petrol	Millington Road, Hayes, Greater London, UB3 4AZ	Petrol and Fuel Stations	Road and Rail

This data is sourced from Ordnance Survey.



4.2 Current or recent petrol stations

Records within 500m**2**

Open, closed, under development and obsolete petrol stations.

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

ID	Location	Company	Address	LPG	Status
A	10m SE	ESSO	38-42, North Hyde Road, Hayes, Outer London, UB3 4NE	No	Open
H	238m SW	ASDA	Millington Road, Hayes, Outer London, UB3 4AZ	No	Open

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**

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**0**

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



This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

7

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

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

ID	Location	Details	
J	365m NW	Operator: OWEN COYLE ANODISING LIMITED Installation Name: ALPHA WORKS EPR/BP0334IM Process: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M Permit Number: WP3233MM Original Permit Number: BP0334IM	EPR Reference: - Issue Date: 19/06/2007 Effective Date: 01/07/2007 Last date noted as effective: 01/07/2021 Status: EFFECTIVE

ID	Location	Details	
J	365m NW	Operator: OWEN COYLE ANODISING LIMITED Installation Name: ALPHA WORKS EPR/BP0334IM Process: SURFACE TREATING METALS AND PLASTICS; WITH RELEASE TO AIR OF OXIDES OF NITROGEN Permit Number: WP3233MM Original Permit Number: BP0334IM	EPR Reference: - Issue Date: 19/06/2007 Effective Date: 01/07/2007 Last date noted as effective: 01/07/2021 Status: EFFECTIVE
L	458m NW	Operator: OWEN COYLE ANODISING LIMITED Installation Name: ALPHA WORKS EPR/BP0334IM Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY PHYSICO-CHEMICAL TREATMENT Permit Number: WP3233MM Original Permit Number: BP0334IM	EPR Reference: - Issue Date: 19/06/2007 Effective Date: 01/07/2007 Last date noted as effective: 28/09/2020 Status: EFFECTIVE
L	458m NW	Operator: OWEN COYLE ANODISING LIMITED Installation Name: OWEN COYLE (ANODISING) LTD Process: SURFACE TREATING METALS AND PLASTICS; WITH RELEASE TO AIR OF OXIDES OF NITROGEN Permit Number: BP0334IM Original Permit Number: BP0334IM	EPR Reference: - Issue Date: 12/01/2005 Effective Date: 12/01/2005 Last date noted as effective: 01/07/2021 Status: SUPERCEDED
L	458m NW	Operator: OWEN COYLE ANODISING LIMITED Installation Name: OWEN COYLE (ANODISING) LTD Process: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M Permit Number: BP0334IM Original Permit Number: BP0334IM	EPR Reference: - Issue Date: 12/01/2005 Effective Date: 12/01/2005 Last date noted as effective: 01/07/2021 Status: SUPERCEDED
M	466m E	Operator: NESTLE UK LIMITED Installation Name: HAYES BOILER HOUSES AND ROASTERS EPR/VP3332ST Process: COMBUSTION; ANY FUEL =>50MW Permit Number: WP3938NU Original Permit Number: VP3332ST	EPR Reference: - Issue Date: - Effective Date: 08/10/2015 Last date noted as effective: 01/07/2021 Status: SURRENDER EFFECTIVE
M	466m E	Operator: NESTLE UK LTD Installation Name: HAYES BOILER HOUSES AND ROASTERS EPR/VP3332ST Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3332ST Original Permit Number: VP3332ST	EPR Reference: - Issue Date: 27/02/2007 Effective Date: 27/02/2007 Last date noted as effective: 01/07/2021 Status: SUPERCEDED

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



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

Records within 500m

7

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

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

ID	Location	Address	Details	
A	36m SE	Tesco Stores Limited, Tesco Express, 38-42 North Hyde Road, Hayes, UB3 4NE	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
4	166m W	Asda Stores Ltd, Asda Hayes Ltd, Millington Road, Hayes UB3 4AZ	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
13	307m E	Nestle UK, Hayes, Greater London, UB3 4QA	Process: Combustion & Incineration Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
K	377m N	Direct Line Ltd, Clayton Rd, Hayes	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
K	392m N	Dagenham Motors, 37-39 Fairview Industrial Estate, Clayton Road, Hayes, UB3 1AU	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
15	439m NW	Owen Coyle Alpha Wks, Blythe Rd	Process: Other Metal Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
17	482m NE	Mays (Pressure Diecasting) Ltd, Unit 9, Silverdale Industrial Centre, Silverdale Road, Hayes, Middlesex, UB3 3BL	Process: Non-ferrous Metal Foundry Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m**0**

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m**0**

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

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m**0**

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

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

4.15 Pollutant release to public sewer

Records within 500m**0**

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m**0**

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

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

4.17 List 2 Dangerous Substances

Records within 500m

1

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

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

ID	Location	Name	Status	Receiving Water	Authorised Substances
8	198m N	Damont Audio Ltd, Blyth Rd, Hayes	Active	-	Chromium, Nickel

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

8

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

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

ID	Location	Details	
C	86m W	Incident Date: 26/01/2003 Incident Identification: 133360 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
E	137m NE	Incident Date: 08/07/2002 Incident Identification: 89866 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
E	207m NE	Incident Date: 17/12/2001 Incident Identification: 48544 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
I	352m N	Incident Date: 14/06/2002 Incident Identification: 84800 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)
I	356m NE	Incident Date: 17/04/2003 Incident Identification: 152150 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)



ID	Location	Details	
J	366m NW	Incident Date: 14/02/2002 Incident Identification: 58424 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
14	409m NE	Incident Date: 30/04/2002 Incident Identification: 75693 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
16	451m NE	Incident Date: 22/07/2003 Incident Identification: 175875 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m

0

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

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

4.20 Pollution inventory waste transfers

Records within 500m

1

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.

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

ID: J, Location: 365m NW, Permit: BP0334IM
 Operator: Owen Coyle Anodising Limited
 Activity: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M
 Address: Alpha Works Blyth Road Hayes Middlesex UB3 1DE
 Sector: Metals, Sub-sector: Surface treatment
 Releases:



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D1	Deposit into or onto land (eg landfill, etc.)	124	Absolute Value	11 01 10	sludges and filter cakes other than those mentioned in 11 01 09	No
D1	Deposit into or onto land (eg landfill, etc.)	10.4	Absolute Value	20 03 01	mixed municipal waste	No
D1	Deposit into or onto land (eg landfill, etc.)	1	Absolute Value	11 01 06	acids not otherwise specified	Yes
D1	Deposit into or onto land (eg landfill, etc.)	2.255	Absolute Value	06 02 04	sodium and potassium hydroxide	Yes
D1	Deposit into or onto land (eg landfill, etc.)	2.205	Absolute Value	16 03 03	inorganic wastes containing dangerous substances	Yes

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

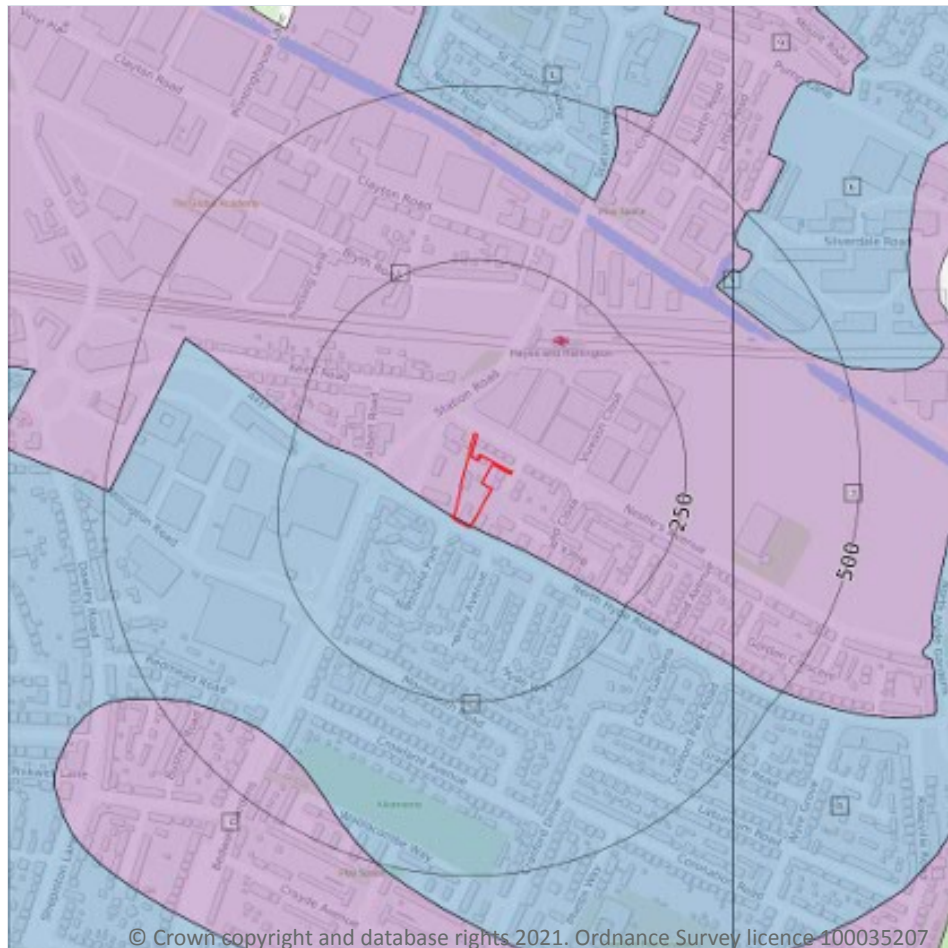
4.21 Pollution inventory radioactive waste

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



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

5.1 Superficial aquifer

Records within 500m

9

Aquifer status of groundwater held within superficial geology.

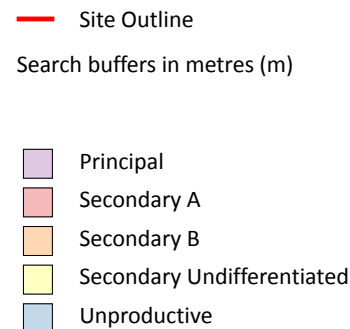
Features are displayed on the Hydrogeology map on **page 55**

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

ID	Location	Designation	Description
3	317m E	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
4	376m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	396m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	401m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
7	409m SW	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
8	421m SE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
9	429m NE	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

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

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

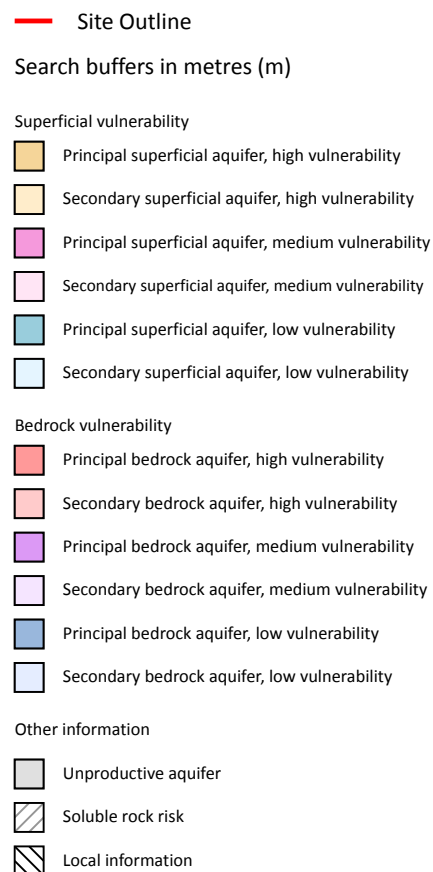
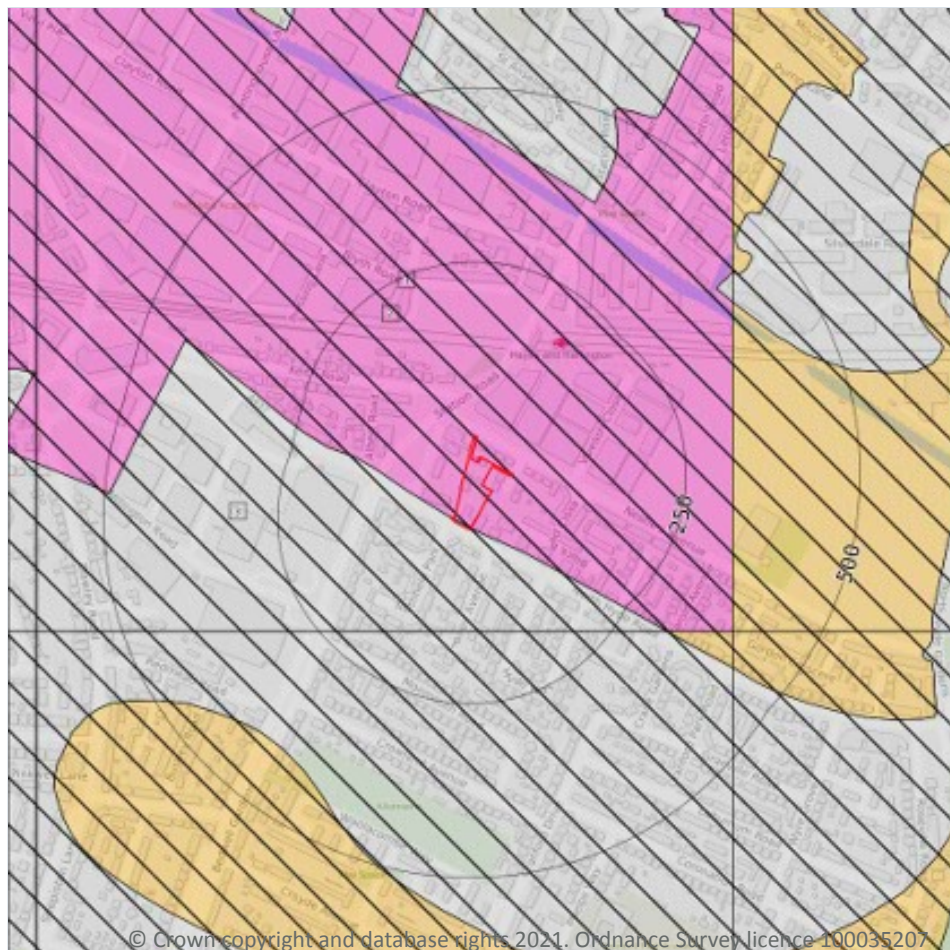
Features are displayed on the Bedrock aquifer map on **page 57**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	317m E	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

2

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

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

Features are displayed on the Groundwater vulnerability map on **page 58**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Principal 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: Principal Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
3	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive 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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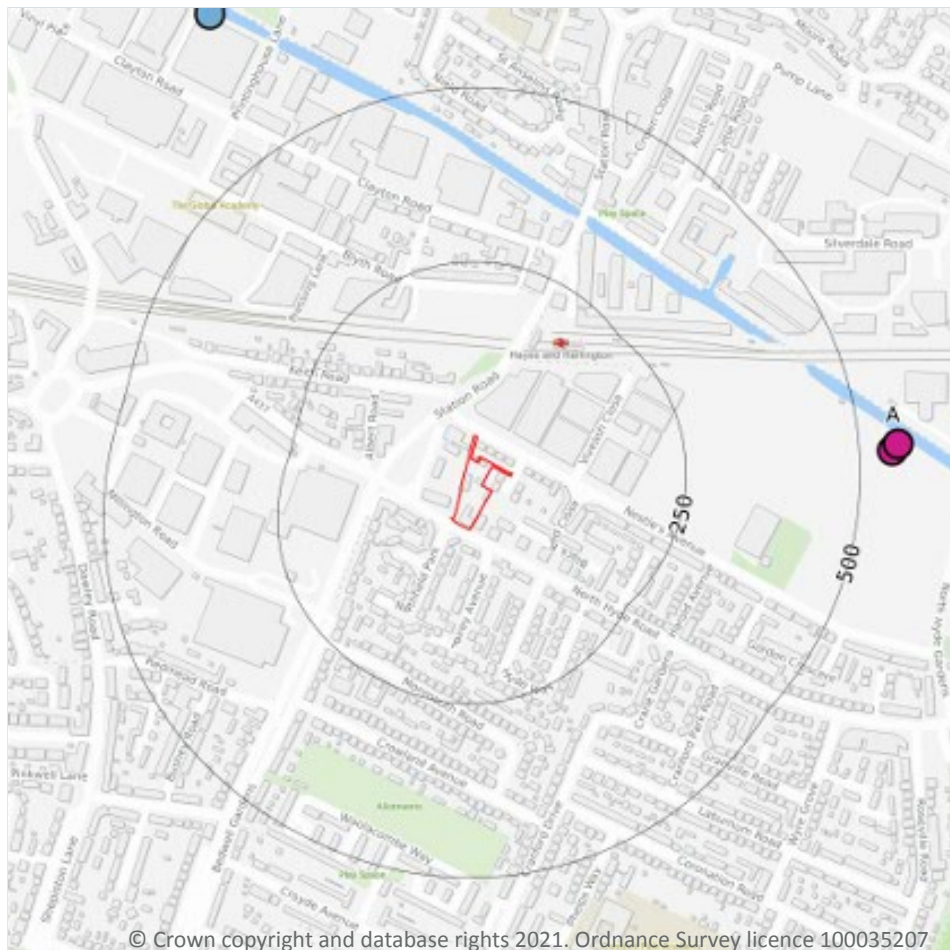
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 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



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

5.6 Groundwater abstractions

Records within 2000m

14

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 60**

ID	Location	Details	
A	547m E	Status: Historical Licence No: 28/39/36/0072 Details: Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: NESTLE COFFEE FACTORY-BOREHOLE Data Type: Point Name: NESTLE UK LIMITED Easting: 510230 Northing: 179260	Annual Volume (m ³): 609984 Max Daily Volume (m ³): 1728 Original Application No: - Original Start Date: 12/08/2005 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 12/08/2005 Version End Date: -
A	556m E	Status: Historical Licence No: TH/039/0036/011 Details: Boiler Feed Direct Source: THAMES GROUNDWATER Point: NESTLE COFFEE FACTORY-BOREHOLE Data Type: Point Name: NESTLE UK LIMITED Easting: 510238 Northing: 179269	Annual Volume (m ³): 473040 Max Daily Volume (m ³): 1296 Original Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 12/06/2014 Version End Date: -
A	556m E	Status: Historical Licence No: TH/039/0036/011 Details: Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: NESTLE COFFEE FACTORY-BOREHOLE Data Type: Point Name: NESTLE UK LIMITED Easting: 510238 Northing: 179269	Annual Volume (m ³): 473040 Max Daily Volume (m ³): 1296 Original Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 12/06/2014 Version End Date: -
-	1167m S	Status: Active Licence No: 28/39/36/0060 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: WET PIT AT HIGH STREET, HARLINGTON, MIDDLESEX Data Type: Point Name: Harleyford Aggregates Limited Easting: 509400 Northing: 178000	Annual Volume (m ³): 649,318 Max Daily Volume (m ³): 2,455 Original Application No: - Original Start Date: 06/12/1994 Expiry Date: - Issue No: 103 Version Start Date: 23/01/2018 Version End Date: -
-	1291m E	Status: Active Licence No: TH/039/0036/013 Details: Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: WESTERN INTERNATIONAL MARKET, HAYES ROAD, SOUTHALL, LONDON Data Type: Point Name: Virtus Hayes Limited Easting: 510876 Northing: 178731	Annual Volume (m ³): 57,750 Max Daily Volume (m ³): 210 Original Application No: - Original Start Date: 17/11/2014 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



ID	Location	Details	
-	1328m E	Status: Historical Licence No: 28/39/36/0010 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT APEXES WORKS, SCOTTS ROAD, SOUTHALL Data Type: Point Name: USC EUROPE UK LTD Easting: 511000 Northing: 179400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1996 Version End Date: -
-	1477m E	Status: Historical Licence No: 28/39/36/0010 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: APEXES WORKS, SCOTTS ROAD, SOUTHALL-BOREHOLE A Data Type: Point Name: CHANCERYGATE GROUP LIMITED Easting: 511150 Northing: 179400	Annual Volume (m ³): 40914 Max Daily Volume (m ³): 114 Original Application No: - Original Start Date: 09/05/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/12/2005 Version End Date: -
-	1600m NW	Status: Active Licence No: TH/039/0036/003/R01 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: STOCKLEY PARK, UXBRIDGE, BOREHOLE A Data Type: Point Name: Stockley Park Estates Company Limited Easting: 508320 Northing: 180202	Annual Volume (m ³): 30,000 Max Daily Volume (m ³): 720 Original Application No: - Original Start Date: 01/04/2019 Expiry Date: 31/03/2026 Issue No: 3 Version Start Date: 01/04/2019 Version End Date: -
-	1601m NW	Status: Historical Licence No: 28/39/36/0065 Details: Make-Up or Top Up Water Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT STOCKLEY PARK Data Type: Point Name: STOCKLEY PARK MANAGEMENT LTD Easting: 508340 Northing: 180230	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/10/2000 Expiry Date: 31-Dec-09 Issue No: 2 Version Start Date: 25/09/2002 Version End Date: -
-	1601m NW	Status: Historical Licence No: 28/39/36/0065 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT STOCKLEY PARK Data Type: Point Name: STOCKLEY PARK MANAGEMENT LTD Easting: 508340 Northing: 180230	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/10/2000 Expiry Date: 31-Dec-09 Issue No: 2 Version Start Date: 25/09/2002 Version End Date: -

ID	Location	Details	
-	1601m NW	Status: Historical Licence No: 28/39/36/0065 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: STOCKLEY PARK, UXBRIDGE- BOREHOLE A Data Type: Point Name: STOCKLEY PARK MANAGEMENT LTD Easting: 508340 Northing: 180230	Annual Volume (m ³): 50005 Max Daily Volume (m ³): 720 Original Application No: - Original Start Date: 25/10/2000 Expiry Date: 31/12/2009 Issue No: 3 Version Start Date: 14/04/2003 Version End Date: -
-	1601m NW	Status: Historical Licence No: 28/39/36/0065 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: STOCKLEY PARK, UXBRIDGE- BOREHOLE A Data Type: Point Name: STOCKLEY PARK MANAGEMENT LTD Easting: 508340 Northing: 180230	Annual Volume (m ³): 50005 Max Daily Volume (m ³): 720 Original Application No: - Original Start Date: 25/10/2000 Expiry Date: 31/12/2009 Issue No: 3 Version Start Date: 14/04/2003 Version End Date: -
-	1601m NW	Status: Historical Licence No: TH/039/0036/003 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: STOCKLEY PARK, UXBRIDGE- BOREHOLE A Data Type: Point Name: STOCKLEY PARK ESTATE MANAGEMENT LIMITED Easting: 508340 Northing: 180230	Annual Volume (m ³): 50005 Max Daily Volume (m ³): 720 Original Application No: - Original Start Date: 02/02/2010 Expiry Date: 31/03/2019 Issue No: 1 Version Start Date: 02/02/2010 Version End Date: -
-	1601m NW	Status: Historical Licence No: TH/039/0036/003 Details: Spray Irrigation - Storage Direct Source: THAMES GROUNDWATER Point: STOCKLEY PARK, UXBRIDGE, BOREHOLE A Data Type: Point Name: Stockley Park Estates Company Limited Easting: 508340 Northing: 180230	Annual Volume (m ³): 50005 Max Daily Volume (m ³): 720 Original Application No: - Original Start Date: 02/02/2010 Expiry Date: 31/03/2019 Issue No: 2 Version Start Date: 15/07/2016 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

3

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 60**

ID	Location	Details	
1	714m NW	Status: Active Licence No: 28/39/36/0075 Details: Non-Evaporative Cooling Direct Source: THAMES SURFACE WATER - NON TIDAL Point: GRAND UNION CANAL AT UBS DATA PROCESSING CENTRE, HAYES Data Type: Point Name: Canal and River Trust Easting: 509249 Northing: 179886	Annual Volume (m ³): 3,101,040 Max Daily Volume (m ³): 8,496 Original Application No: - Original Start Date: 15/10/2008 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 22/09/2010 Version End Date: -
-	1855m W	Status: Active Licence No: 28/39/36/0038 Details: Process Water Direct Source: THAMES SURFACE WATER - NON TIDAL Point: GRAND UNION CANAL AT STOCKLEY ROAD, WEST DRAYTON. Data Type: Line Name: Canal and River Trust Easting: 507770 Northing: 179890	Annual Volume (m ³): 24,000 Max Daily Volume (m ³): 160 Original Application No: - Original Start Date: 26/03/1976 Expiry Date: - Issue No: 102 Version Start Date: 17/12/2007 Version End Date: -
-	1901m W	Status: Historical Licence No: 28/39/36/0038 Details: Dust suppression Direct Source: THAMES SURFACE WATER - NON TIDAL Point: GRAND UNION CANAL FRONTAGE AT WEST DRAYTON Data Type: Line Name: BRITISH WATERWAYS BOARD Easting: 507700 Northing: 179800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/03/1976 Expiry Date: - Issue No: 100 Version Start Date: 28/02/1995 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0
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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)

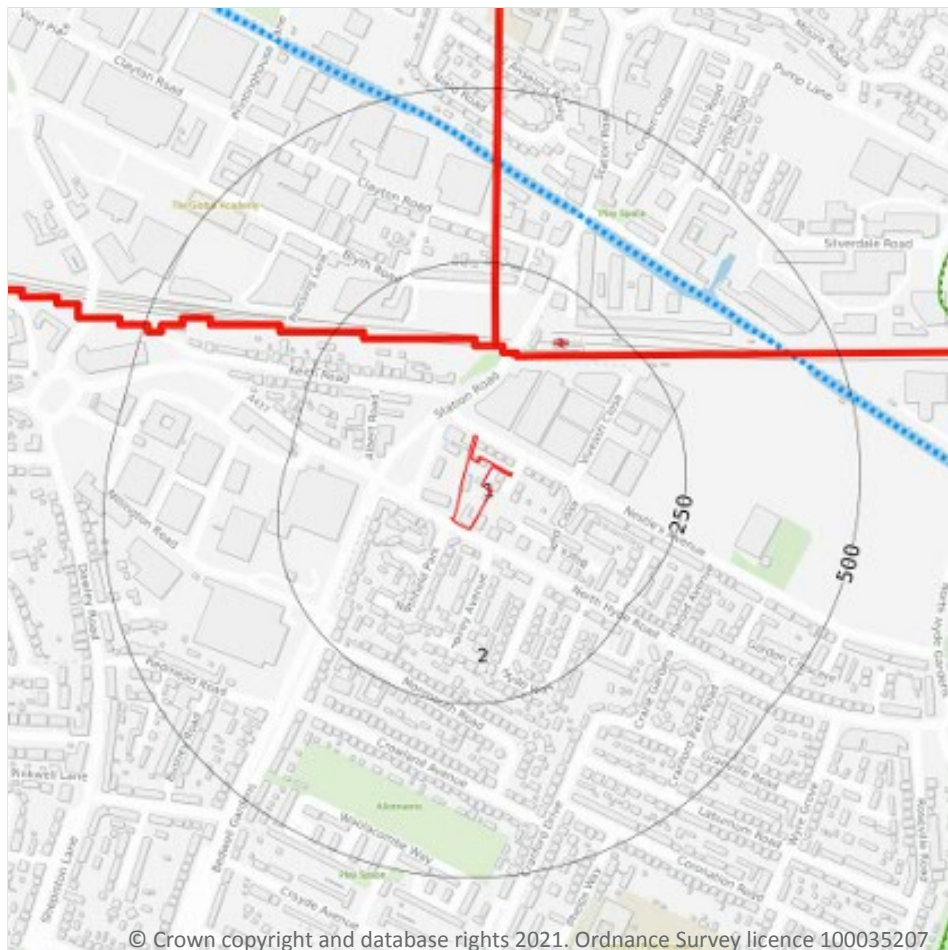
Records within 500m

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

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

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

Features are displayed on the Hydrology map on **page 66**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River WB catchment	Crane	GB106039023030	Crane Rivers and Lakes	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 66**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	807m E	River	Crane	GB106039023030	Poor	Good	Poor	2016

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



6.5 WFD Groundwater bodies

Records on site

1

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

Features are displayed on the Hydrology map on **page 66**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Lower Thames Gravels	<u>GB40603G000300</u>	Good	Good	Good	2015

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

0

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).

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

0

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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

7.5 Flood Storage Areas

Records within 250m

0

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

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



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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.

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

7.7 Flood Zone 3

Records within 50m

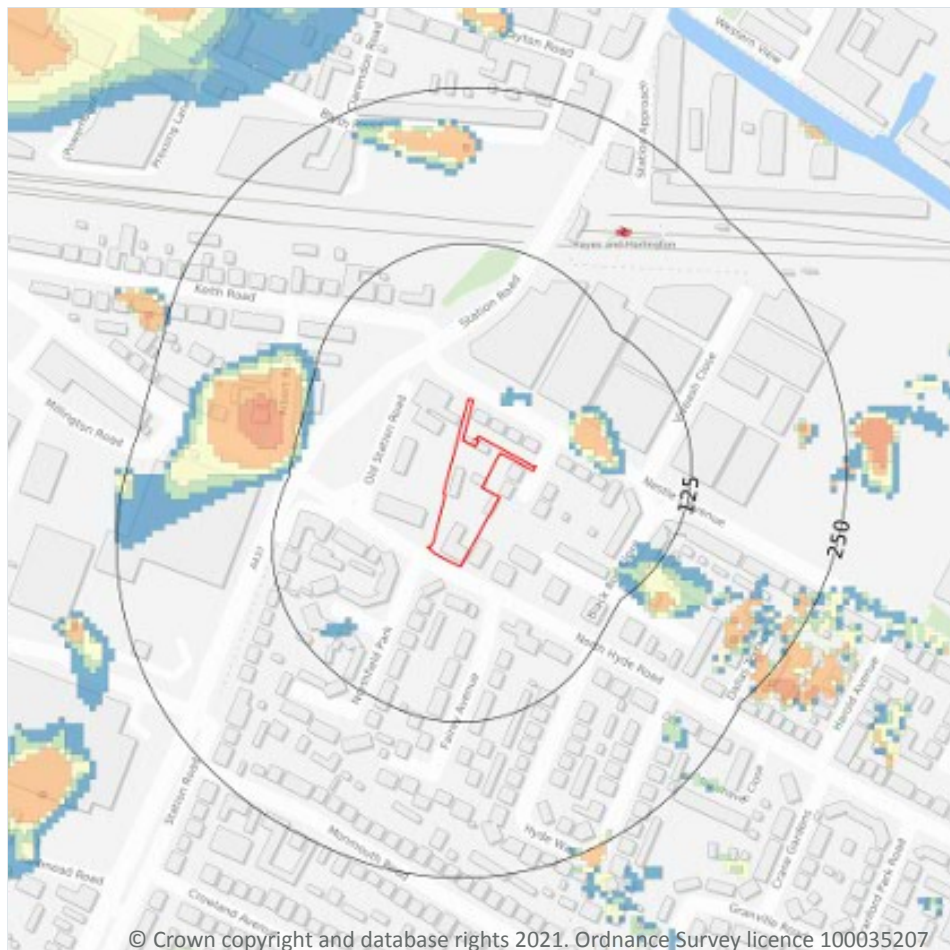
0

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

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



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

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

1 in 250 return period

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

1 in 100 return period

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

1 in 30 return period

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

8.1 Surface water flooding

Highest risk on site

Negligible

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 72**

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	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

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

9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

Moderate

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 74**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- ▨ Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

19

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

Features are displayed on the Environmental designations map on **page 75**

ID	Location	Name	Local Authority name
1	653m NW	London	Hillingdon
2	748m SE	London	Hillingdon
3	807m E	London	Hounslow
4	832m SW	London	Hillingdon
5	845m S	London	Hillingdon
6	871m SW	London	Hillingdon
7	924m SW	London	Hillingdon
8	929m N	London	Hillingdon
9	992m E	London	Hillingdon
10	1008m N	London	Hillingdon
11	1053m E	London	Hillingdon
12	1200m NW	London	Hillingdon
13	1228m E	London	Ealing
14	1390m SW	London	Hillingdon
-	1649m SW	London	Hillingdon
-	1752m SW	London	Hillingdon
-	1874m W	London	Hillingdon
-	1881m S	London	Hillingdon

ID	Location	Name	Local Authority name
-	1995m W	London	Hillingdon

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 fall 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

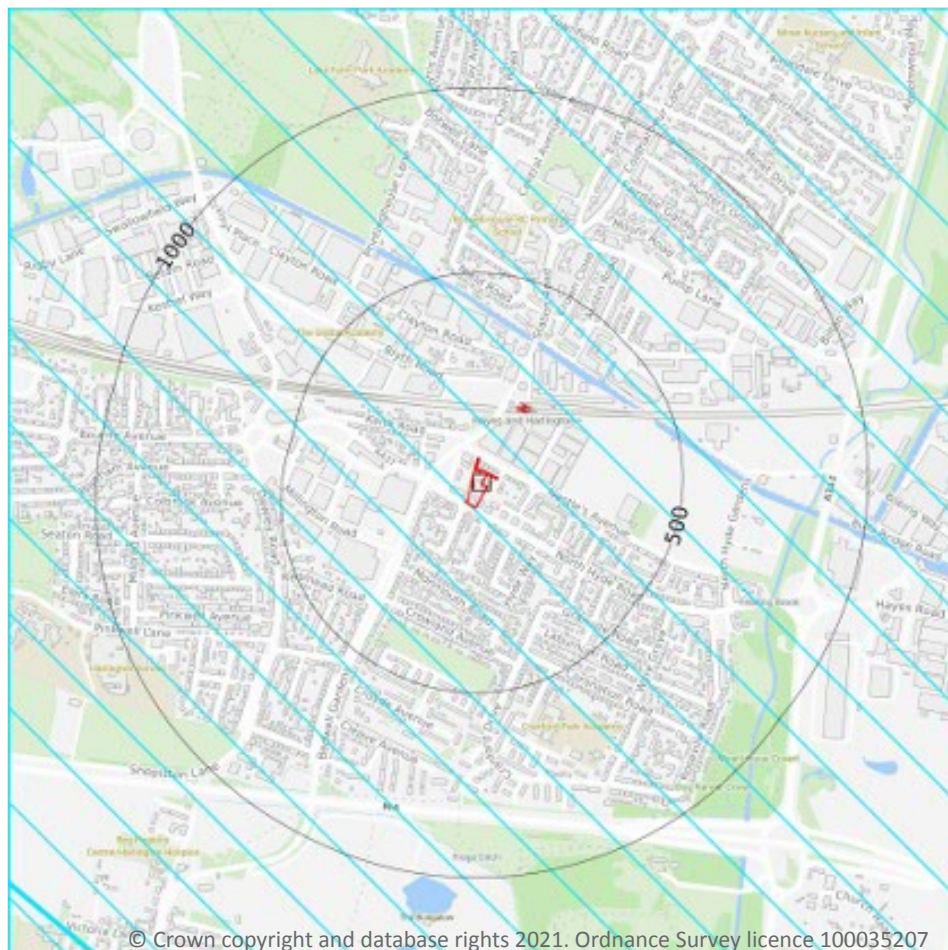
0

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



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

10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 81**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons > 4000m². Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location)

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0
-----------------------------	----------

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

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

11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m**0**

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

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

11.3 National Parks

Records within 250m**0**

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

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

11.4 Listed Buildings

Records within 250m**0**

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

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

11.5 Conservation Areas

Records within 250m**1**

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 83**

ID	Location	Name	District	Date of designation
1	167m E	Botwell, Nestles	Hillingdon	19/06/1988

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

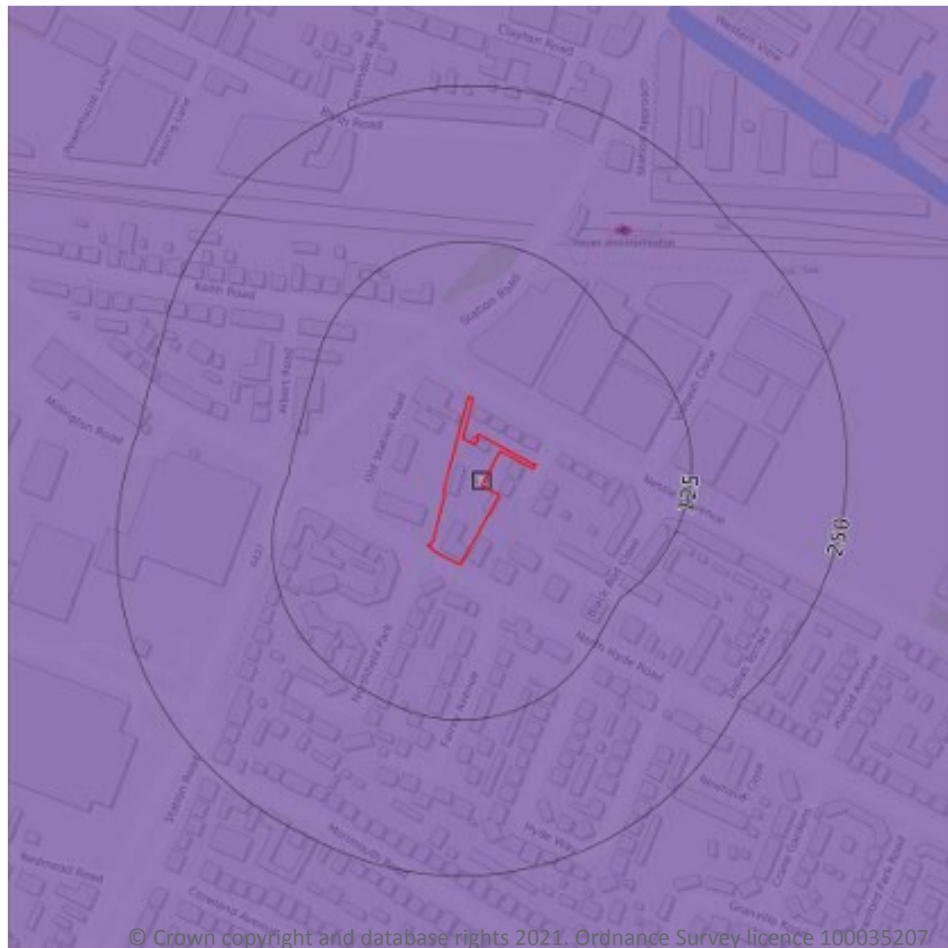
0

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

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



12 Agricultural designations



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

12.1 Agricultural Land Classification

Records within 250m

1

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 86**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m**0**

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

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

12.3 Tree Felling Licences

Records within 250m**0**

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m**0**

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m**0**

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

This data is sourced from Natural England.



13 Habitat designations



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

13.1 Priority Habitat Inventory

Records within 250m

0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

2

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

Features are displayed on the Habitat designations map on **page 88**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	140m W	-	Low	UK Perspectives Aerial Photography	-	-
2	236m W	-	Low	UK Perspectives Aerial Photography	-	-

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

0

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

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

2

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

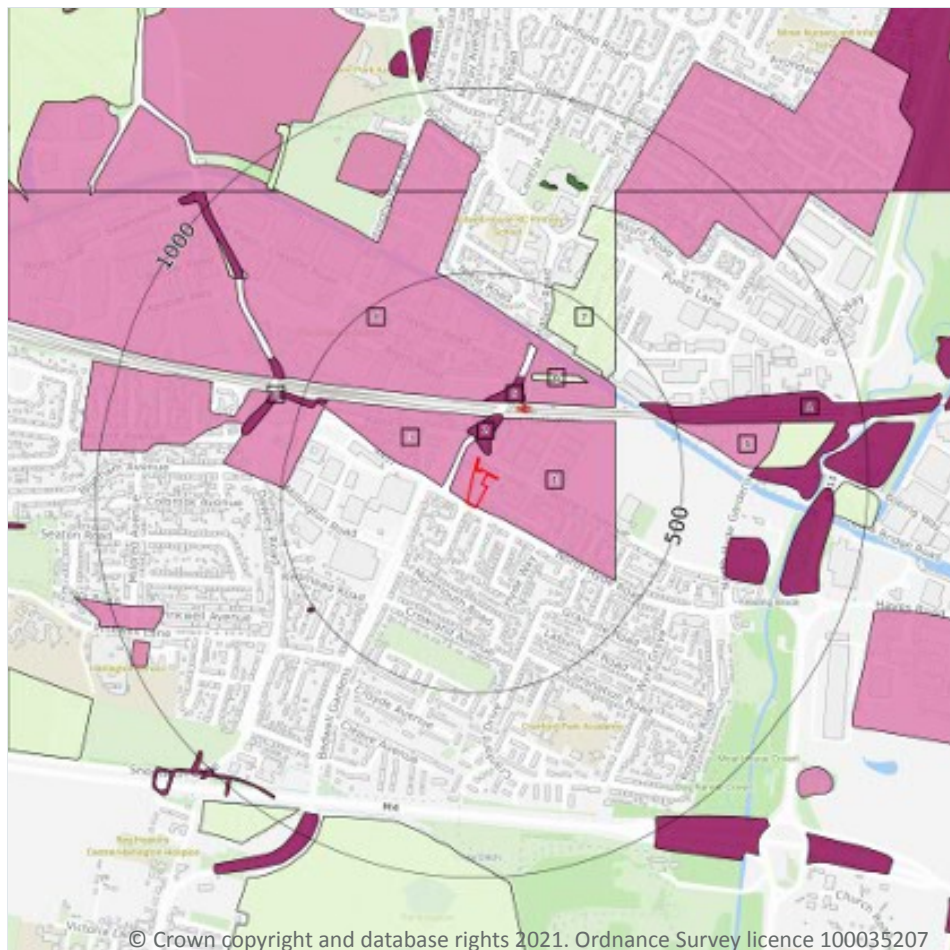
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 90**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	TQ07NE
2	317m E	Full	Full	Full	No coverage	TQ17NW

This data is sourced from the British Geological Survey.



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



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

14.2 Artificial and made ground (10k)

Records within 500m

10

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

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 91**

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-UNKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
2	21m NE	MGR-UNKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
3	54m NW	WGR-UNKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
4	153m N	WGR-UNKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry



ID	Location	LEX Code	Description	Rock description
5	154m N	MGR-UNKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
6	257m NE	WMGR-UNKNOWN	Infilled Ground	Unknown/unclassified Entry
7	381m NE	WMGR-UNKNOWN	Infilled Ground	Unknown/unclassified Entry
A	429m NE	MGR-UNKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
8	436m W	MGR-UNKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
9	486m E	WGR-UNKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m

8

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 93**

ID	Location	LEX Code	Description	Rock description
1	On site	LASI-Z	Langley Silt Member - Silt (unlithified Deposits Coding Scheme)	Silt
2	On site	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel
3	54m NW	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel

ID	Location	LEX Code	Description	Rock description
4	153m N	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel
5	317m E	LASI-Z	Langley Silt Member - Silt (unlithified Deposits Coding Scheme)	Silt
6	363m NE	LASI-Z	Langley Silt Member - Silt (unlithified Deposits Coding Scheme)	Silt
7	409m SW	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel
8	486m E	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

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

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

14.5 Bedrock geology (10k)

Records within 500m

2

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

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

ID	Location	LEX Code	Description	Rock age
1	On site	LC-CLAY	London Clay Formation - Clay	Eocene Epoch
2	317m E	LC-CLAY	London Clay Formation - Clay	Eocene Epoch

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- Geological map tile

15.1 50k Availability

Records within 500m

1

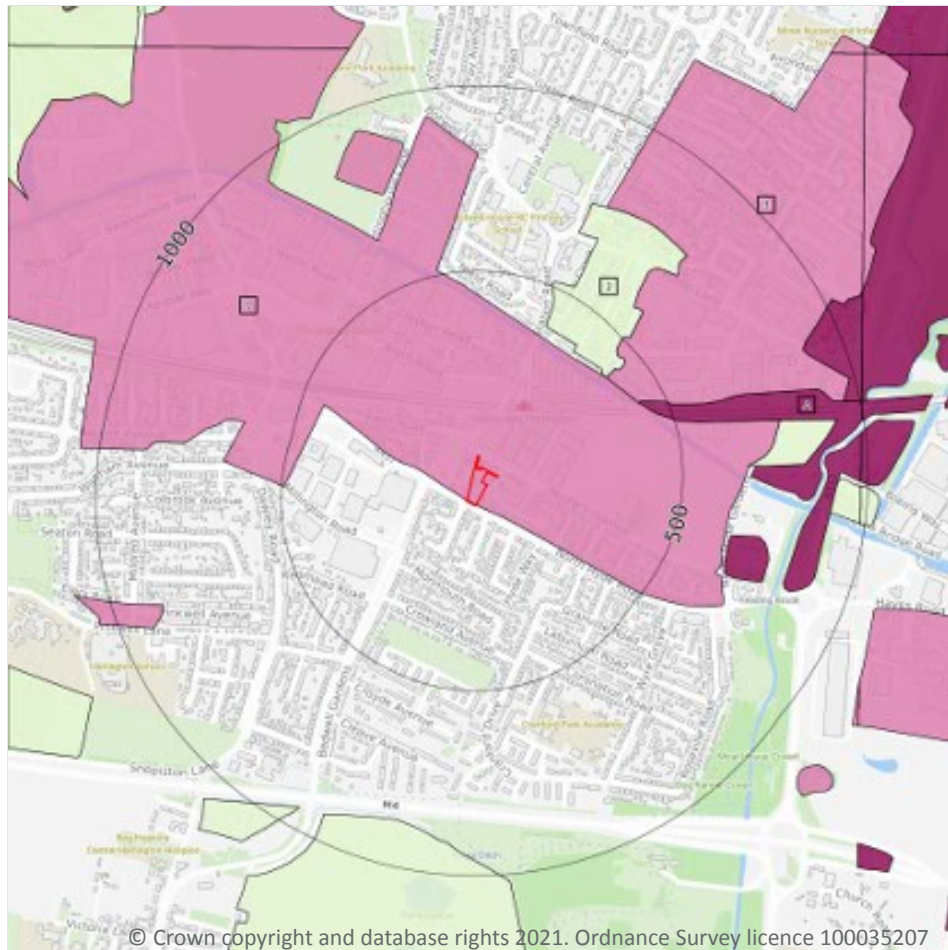
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 97**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW269_windsor_v4

This data is sourced from the British Geological Survey.

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



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

15.2 Artificial and made ground (50k)

Records within 500m

4

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

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 98**

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
2	381m NE	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
3	396m NE	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
A	429m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT



This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

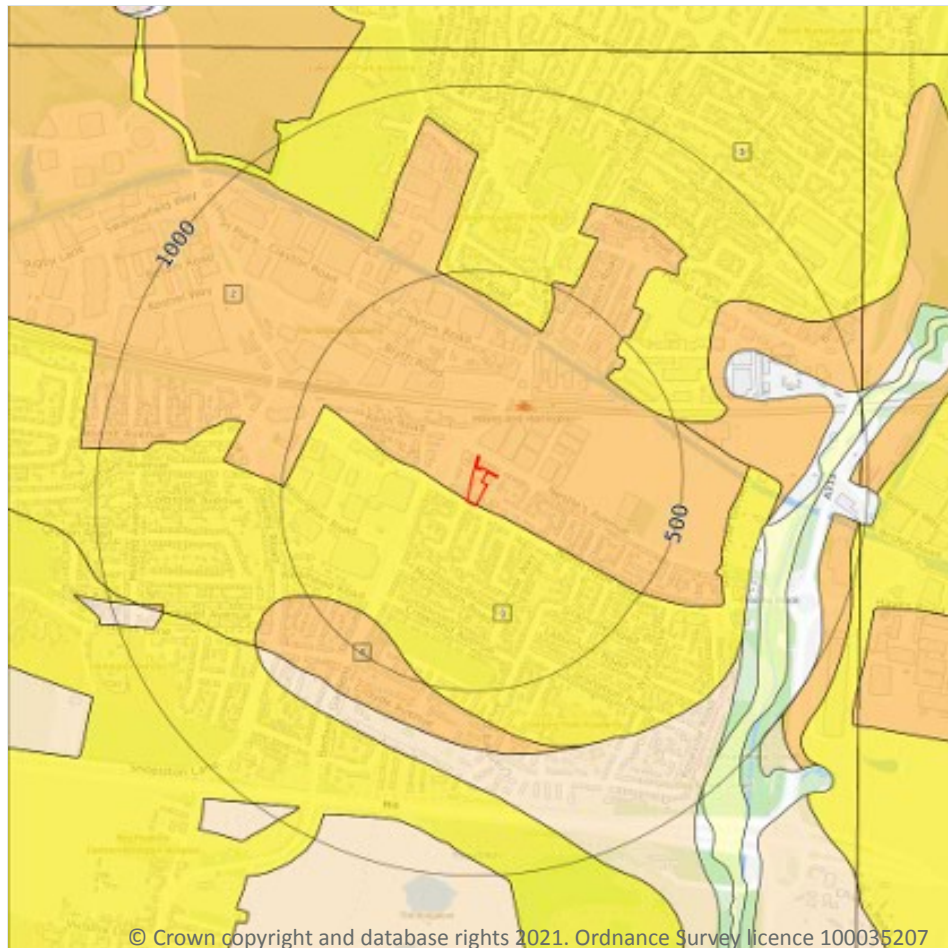
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
- Landslip (50k)
- Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

4

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 100**

ID	Location	LEX Code	Description	Rock description
1	On site	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT
2	On site	LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
3	376m NE	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT
4	409m SW	LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

2

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	Very High	High
On site	Mixed	Low	Very Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- Bedrock faults and other linear features (50k)
- Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

1

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

ID	Location	LEX Code	Description	Rock age
1	On site	LC-XCZS	LONDON CLAY FORMATION - CLAY, SILT AND SAND	YPRESIAN

This data is sourced from the British Geological Survey.



15.9 Bedrock permeability (50k)

Records within 50m**1**

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Moderate	Very Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m**0**

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



16 Boreholes



- Site Outline**
- Search buffers in metres (m)**
- Site Outline
 - Confidential
 - 0 - 10m
 - 10 - 30m
 - 30m+
 - Unknown

16.1 BGS Boreholes

Records within 250m

4

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 104**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	155m NE	509718 179409	Hayes and Harlington WS1	4.14	N	20785661
2	205m NW	509530 179460	DAWLEY WORKS, HAYES	3.96	N	574275
3	215m SW	509420 179040	HARLINGTON DRAINAGE 23	-	Y	N/A

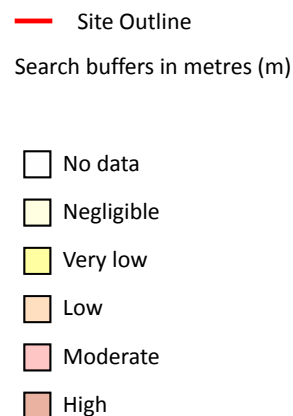
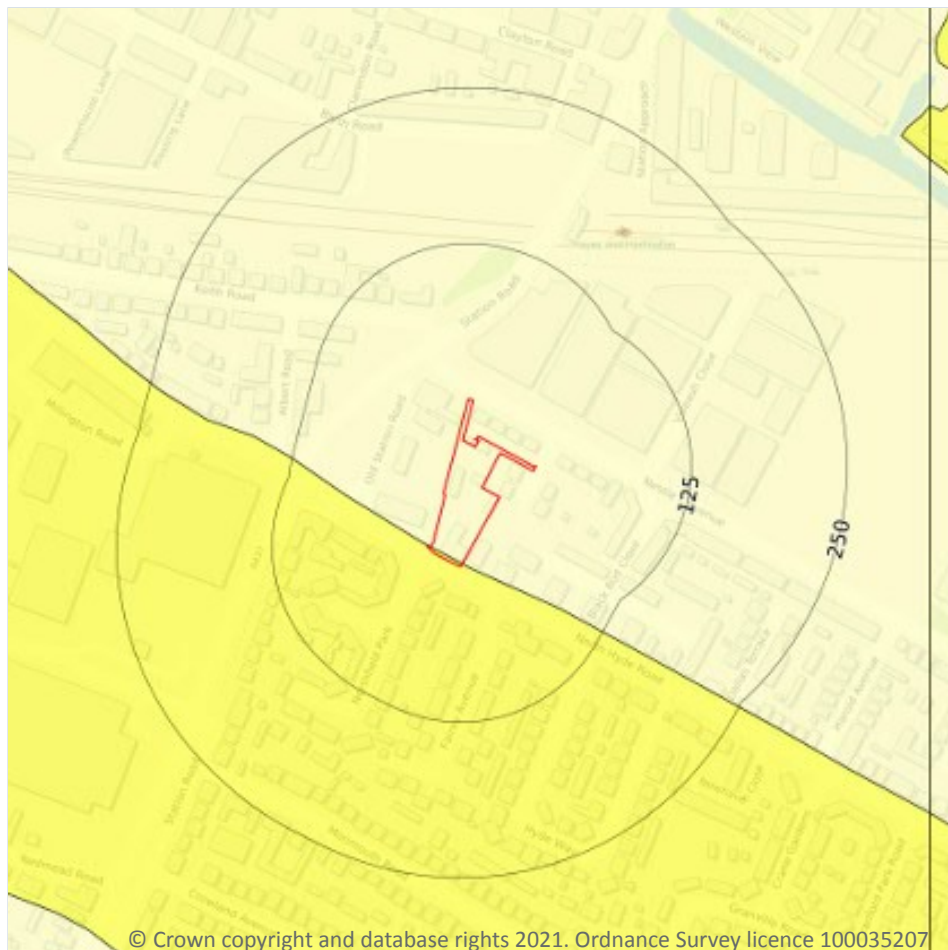


ID	Location	Grid reference	Name	Length	Confidential	Web link
4	228m N	509720 179490	HAYES UB.6 HAYES & HARLINGTON	3.04	N	573845

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

2

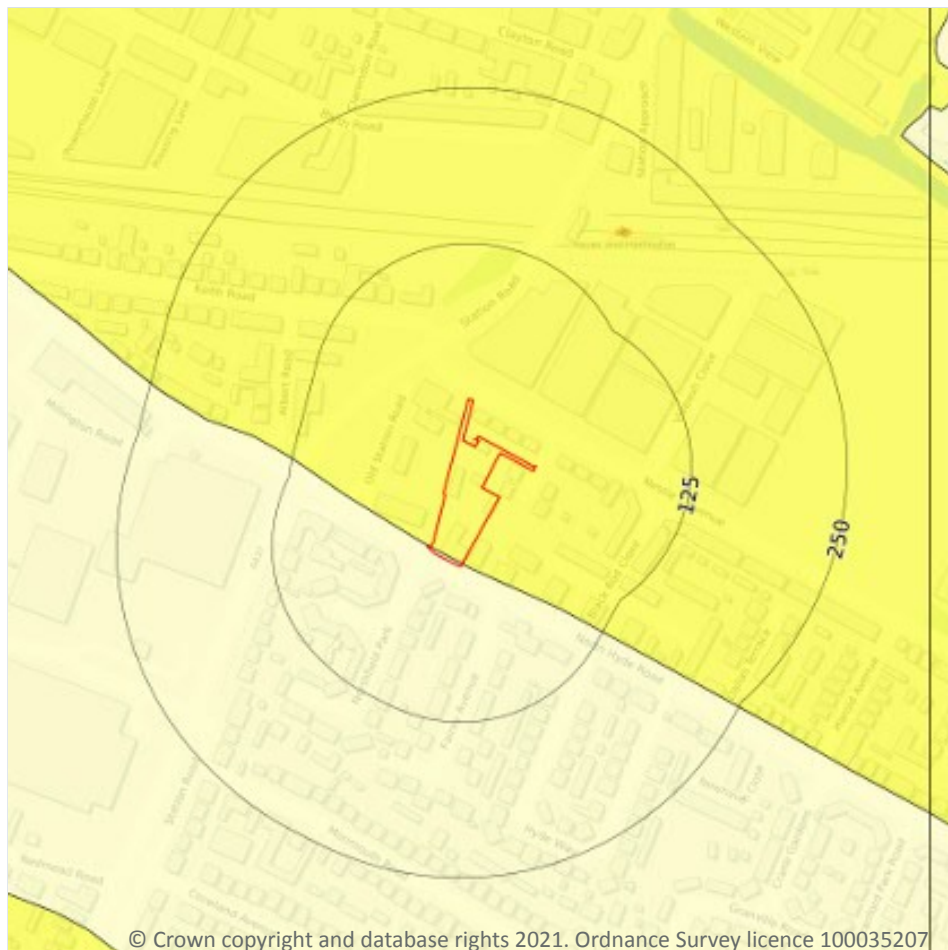
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 106**

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.2 Running sands

Records within 50m

2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on **page 107**

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.3 Compressible deposits

Records within 50m

1

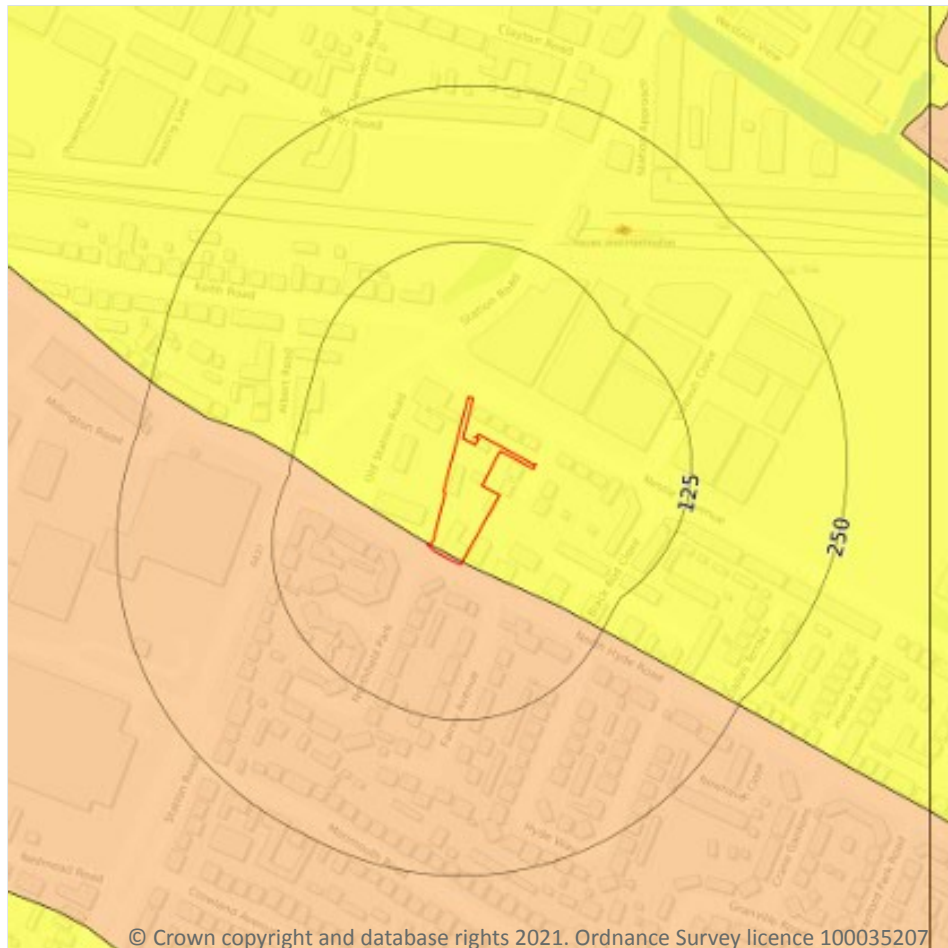
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 109**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

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17.4 Collapsible deposits

Records within 50m

2

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 110**

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
On site	Low	Deposits with potential to collapse when loaded and saturated are possibly present in places.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.5 Landslides

Records within 50m

1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

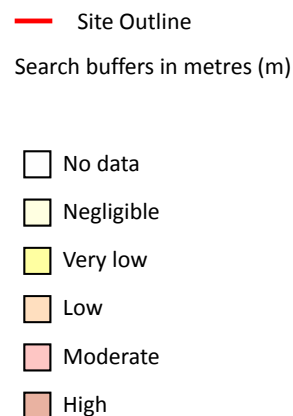
Features are displayed on the Natural ground subsidence - Landslides map on **page 111**

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 112**

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

3

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining, ground workings and natural cavities map on **page 114**

ID	Location	Details	Description
3	242m E	Name: Botwell Brickfield Address: Hayes Town, HAYES, Middlesex Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
A	300m N	Name: Botwell Brickfield Address: Hayes Town, HAYES, Middlesex Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
6	491m NE	Name: Botwell Brickfield Address: Hayes Town, HAYES, Middlesex Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

6

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on **page 114**

ID	Location	Land Use	Year of mapping	Mapping scale
1	11m NE	Unspecified Ground Workings	1897	1:10560
2	75m N	Unspecified Pit	1959	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	183m N	Brick Field	1865	1:10560
A	208m N	Brick Field	1882	1:10560
B	248m NE	Canal	1865	1:10560
B	248m NE	Canal	1894	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m **1**

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining, ground workings and natural cavities map on **page 114**

ID	Location	Land Use	Year of mapping	Mapping scale
4	398m NE	Tunnel	1994	1:10000

This data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m **0**

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m **0**

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.



18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site

0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site

0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.11 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

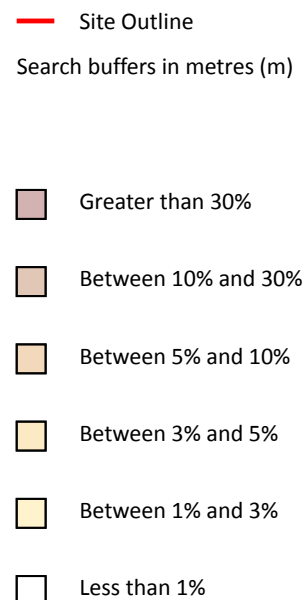
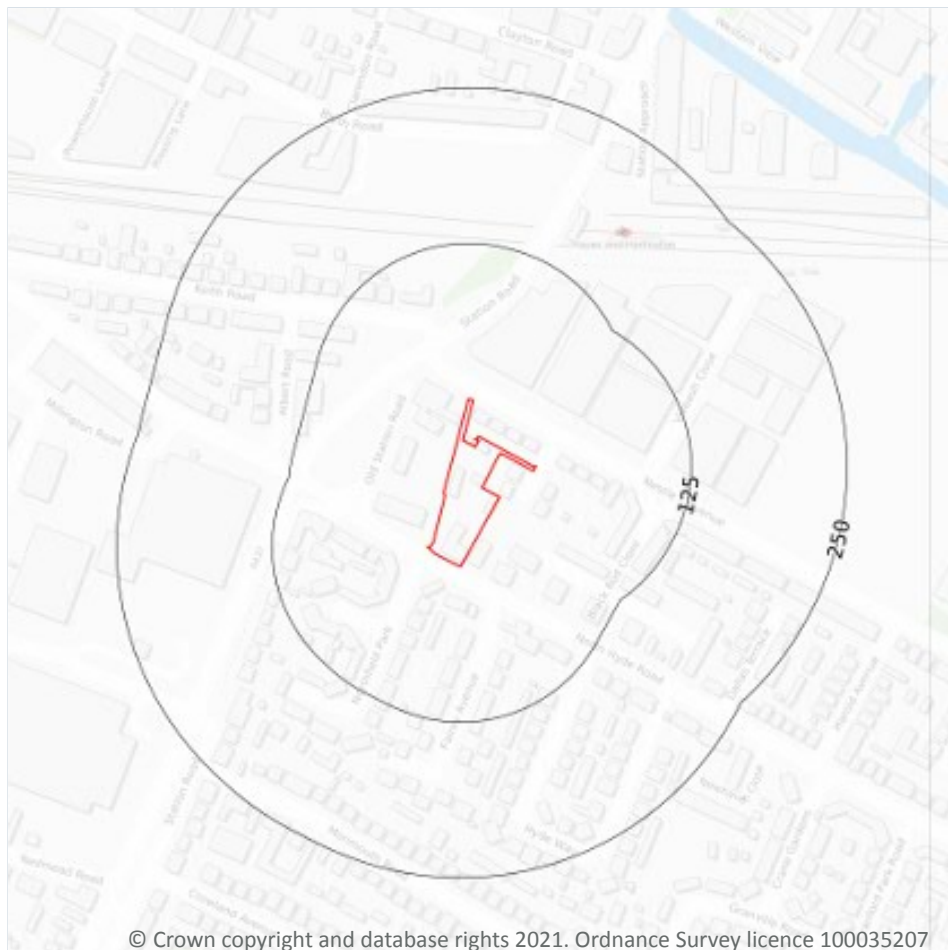
18.13 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Radon



19.1 Radon

Records on site

1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 119**

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None**

This data is sourced from the British Geological Survey and Public Health England.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

2

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	No data	No data	No data	No data	No data	No data	No data
On site	No data	No data	No data	No data	No data	No data	No data

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

9

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	18	3.2	261	179	1.5	65	92	30	27
On site	19	3.3	255	175	1.5	64	91	30	27
On site	19	3.3	248	170	1.3	68	90	28	25
9m NW	19	3.3	227	156	1.2	67	86	29	23
17m E	19	3.3	288	198	1.9	63	98	32	32
20m N	19	3.3	234	161	1.3	66	85	30	24
30m SE	19	3.3	282	194	1.8	63	97	32	31



Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
35m NW	20	3.5	254	174	1.1	65	81	28	24
46m S	17	3	219	150	1.1	69	83	28	21

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

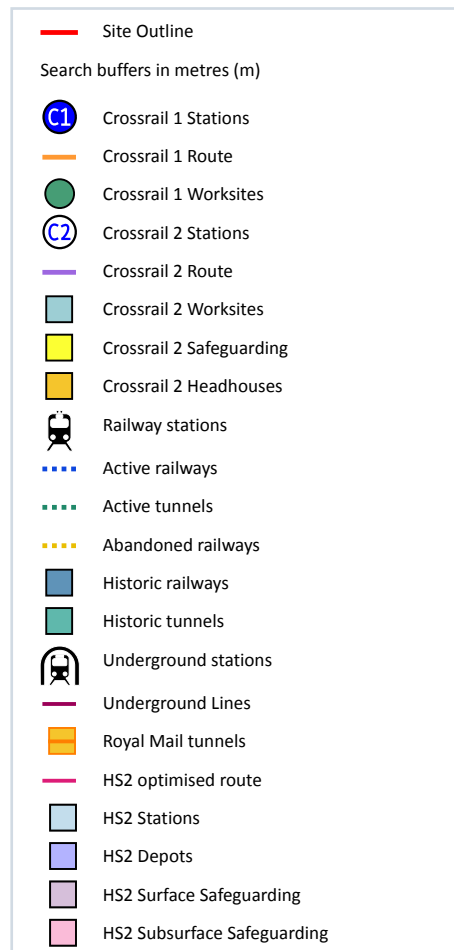
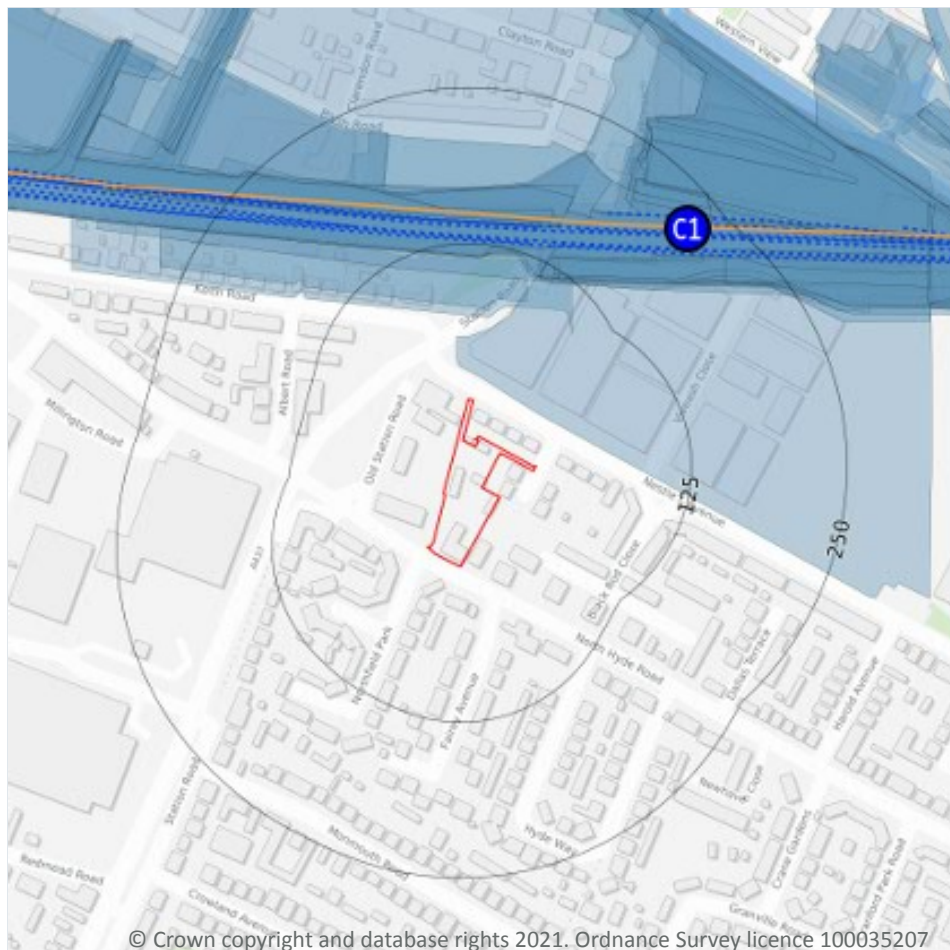
0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



21.1 Underground railways (London)

Records within 250m

0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.



This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

44

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on **page 122**

Location	Land Use	Year of mapping	Mapping scale
19m NE	Railway Sidings	1959	10560
67m N	Railway	1914	-
74m N	Railway	1935	-
100m N	Railway Sidings	1920	10560
110m NE	Railway Sidings	1970	10560
111m NE	Railway Sidings	1913	10560
112m NE	Railway	1935	-
112m NE	Railway Sidings	1974	10000
112m NE	Railway Sidings	1987	10000
112m NE	Railway Sidings	1938	10560
113m NE	Railway Sidings	1935	2500
113m NE	Railway	1935	-
114m NE	Railway Sidings	1938	10560
116m N	Railway	1895	-
118m NE	Railway Sidings	1935	10560
120m NE	Railway Sidings	1964	10560
121m N	Railway	1865	-



Location	Land Use	Year of mapping	Mapping scale
122m NE	Railway Sidings	1914	2500
123m NE	Railway	1914	-
123m NE	Railway Sidings	1965	1250
124m NE	Railway Sidings	1965	2500
138m N	Railway Sidings	1965	2500
140m N	Railway Sidings	1935	2500
140m N	Railway Sidings	1972	1250
141m N	Railway Sidings	1965	1250
142m N	Railway Sidings	1935	10560
143m N	Railway Sidings	1914	2500
143m N	Railway Sidings	1938	10560
145m N	Railway Sidings	1964	10560
162m NW	Railway Sidings	1992	1250
185m NE	Railway Sidings	1914	2500
195m NE	Railway Sidings	1935	2500
203m NW	Railway Sidings	1965	1250
203m NW	Railway Sidings	1978	1250
204m NE	Railway Sidings	1992	1250
204m NE	Railway Sidings	1972	1250
205m NE	Railway Sidings	1894	10560
210m NE	Railway Sidings	1895	2500
211m NE	Railway Sidings	1897	10560
213m NE	Railway Sidings	1894	10560
221m NE	Railway Sidings	1935	10560
222m NE	Railway Sidings	1938	10560
224m NE	Railway Sidings	1964	10560
236m NE	Railway Sidings	1897	10560

This data is sourced from Ordnance Survey/Groundsure.



21.5 Royal Mail tunnels

Records within 250m**0**

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m**0**

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m**15**

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on **page 122**

Location	Name	Type
127m N	Great Western Main Line	rail
129m N	Not given	Multi Track
131m N	Great Western Main Line	rail
139m N	Elizabeth Line	rail
141m NE	Not given	Multi Track
142m N	Not given	Multi Track
142m N	Elizabeth Line	rail
162m NE	Not given	Multi Track
167m NW	Great Western Main Line	rail
167m NW	Heathrow Express	rail
183m NE	Elizabeth Line	rail
196m NE	Elizabeth Line	rail



Location	Name	Type
202m NW		rail
203m NE	Not given	Multi Track
211m NE	Not given	Single Track

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m

1

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

Features are displayed on the Railway infrastructure and projects map on **page 122**

Location	Route Type
149m N	Surface Alignment

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

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Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-jan-2020/>.



20 APPENDIX 4 – SITE PHOTOGRAPHY

2.0 Opportunities and Constraints

Existing Buildings- Site Photographs



View of site looking East down North Hyde Road



View of site from Northfield Park Road



View of site looking West down North Hyde Road



View looking down Sandown Crescent to pedestrian access route at rear of site

2.0 Opportunities and Constraints

Site Photographs- north passage to east of site at Nestles Avenue

