Groundsure
LOCATION INTELLIGENCE

Enviro+Geo
Insight

510425 179318

Order Details

Date: 06/05/2022

Your ref: 10276084_Plasma_IED_permit_appl

Our Ref: GS-8726504

Client: Neil Spence

Site Details

Location: 510496 179234

Area: 5.08 ha

Authority: London Borough of Hillingdon

Contact us with any questions at:
info@groundsure.com
08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	Historical industrial land uses	44	34	79	93	-
24	1.2	Historical tanks	1	3	33	18	-
26	1.3	Historical energy features	2	1	19	23	-
28	1.4	Historical petrol stations	0	0	0	1	-
28	1.5	Historical garages	0	0	0	3	-
29	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
30	2.1	Historical industrial land uses	45	41	102	130	-
42	2.2	Historical tanks	2	3	62	28	-
46	2.3	Historical energy features	2	1	39	51	-
49	2.4	Historical petrol stations	0	0	0	1	-
50	2.5	Historical garages	0	0	0	4	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
51	3.1	Active or recent landfill	0	0	0	0	-
51	3.2	Historical landfill (BGS records)	0	0	0	0	-
52	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
52	3.4	Historical landfill (EA/NRW records)	2	0	2	0	-
53	3.5	Historical waste sites	0	0	4	7	-
56	3.6	Licensed waste sites	0	0	4	5	-
59	3.7	Waste exemptions	0	0	9	28	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
63	4.1	Recent industrial land uses	0	4	73	-	-
68	4.2	Current or recent petrol stations	0	0	0	2	-
68	4.3	Electricity cables	0	0	10	4	-
70	4.4	Gas pipelines	0	0	0	0	-
70	4.5	Sites determined as Contaminated Land	0	0	0	0	-

70	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
70	4.7	Regulated explosive sites	0	0	0	0	-
70	4.8	Hazardous substance storage/usage	0	0	0	0	-
71	**4.9**	**Historical licensed industrial activities (IPC)**	0	0	4	0	-
71	**4.10**	**Licensed industrial activities (Part A(1))**	0	0	2	7	-
73	**4.11**	**Licensed pollutant release (Part A(2)/B)**	1	0	5	8	-
75	4.12	Radioactive Substance Authorisations	0	0	0	0	-
76	**4.13**	**Licensed Discharges to controlled waters**	0	0	3	0	-
76	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
76	**4.15**	**Pollutant release to public sewer**	0	0	1	2	-
77	**4.16**	**List 1 Dangerous Substances**	0	0	1	0	-
77	4.17	List 2 Dangerous Substances	0	0	0	0	-
78	**4.18**	**Pollution Incidents (EA/NRW)**	0	1	7	7	-
79	4.19	Pollution inventory substances	0	0	0	0	-
80	4.20	Pollution inventory waste transfers	0	0	0	0	-
80	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
81	**5.1**	**Superficial aquifer**	Identified (within 500m)				
83	**5.2**	**Bedrock aquifer**	Identified (within 500m)				
84	**5.3**	**Groundwater vulnerability**	Identified (within 50m)				
86	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
86	**5.5**	**Groundwater vulnerability- local information**	Identified (within 0m)				
87	**5.6**	**Groundwater abstractions**	0	0	3	1	3
89	**5.7**	**Surface water abstractions**	0	0	0	0	1
90	5.8	Potable abstractions	0	0	0	0	0
90	5.9	Source Protection Zones	0	0	0	0	-
90	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
91	**6.1**	**Water Network (OS MasterMap)**	3	6	8	-	-

93	6.2	Surface water features	1	4	3	-	-
93	6.3	WFD Surface water body catchments	1	-	-	-	-
94	6.4	WFD Surface water bodies	1	1	0	-	-
94	6.5	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
95	7.1	Risk of flooding from rivers and the sea	High (within 50m)				
96	7.2	Historical Flood Events	0	0	0	-	-
96	7.3	Flood Defences	0	0	0	-	-
96	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
96	7.5	Flood Storage Areas	0	0	0	-	-
97	7.6	Flood Zone 2	Identified (within 50m)				
98	7.7	Flood Zone 3	Identified (within 50m)				
Page	Section	Surface water flooding					
99	8.1	Surface water flooding	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
101	9.1	Groundwater flooding	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
102	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
103	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
103	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
103	10.4	Special Protection Areas (SPA)	0	0	0	0	0
103	10.5	National Nature Reserves (NNR)	0	0	0	0	0
104	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
104	10.7	Designated Ancient Woodland	0	0	0	0	0
104	10.8	Biosphere Reserves	0	0	0	0	0
104	10.9	Forest Parks	0	0	0	0	0
105	10.10	Marine Conservation Zones	0	0	0	0	0
105	10.11	Green Belt	0	1	2	2	10
106	10.12	Proposed Ramsar sites	0	0	0	0	0

106	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
106	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
106	10.15	Nitrate Sensitive Areas	0	0	0	0	0
107	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
108	**10.17**	**SSSI Impact Risk Zones**	1	-	-	-	-
109	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
110	11.1	World Heritage Sites	0	0	0	-	-
111	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
111	11.3	National Parks	0	0	0	-	-
111	**11.4**	**Listed Buildings**	0	0	1	-	-
112	**11.5**	**Conservation Areas**	0	1	2	-	-
112	11.6	Scheduled Ancient Monuments	0	0	0	-	-
112	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
113	**12.1**	**Agricultural Land Classification**	Urban (within 250m)				
114	12.2	Open Access Land	0	0	0	-	-
114	12.3	Tree Felling Licences	0	0	0	-	-
114	12.4	Environmental Stewardship Schemes	0	0	0	-	-
114	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
115	**13.1**	**Priority Habitat Inventory**	0	2	8	-	-
116	13.2	Habitat Networks	0	0	0	-	-
116	**13.3**	**Open Mosaic Habitat**	0	3	1	-	-
117	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
118	**14.1**	**10k Availability**	Identified (within 500m)				
119	**14.2**	**Artificial and made ground (10k)**	5	1	1	8	-
121	**14.3**	**Superficial geology (10k)**	3	0	3	6	-

122	14.4	Landslip (10k)	0	0	0	0	-
123	**14.5**	**Bedrock geology (10k)**	1	0	0	1	-
124	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
125	**15.1**	**50k Availability**	Identified (within 500m)				
126	**15.2**	**Artificial and made ground (50k)**	4	2	6	6	-
127	**15.3**	**Artificial ground permeability (50k)**	3	1	-	-	-
128	**15.4**	**Superficial geology (50k)**	4	1	7	4	-
129	**15.5**	**Superficial permeability (50k)**	Identified (within 50m)				
130	15.6	Landslip (50k)	0	0	0	0	-
130	15.7	Landslip permeability (50k)	None (within 50m)				
131	**15.8**	**Bedrock geology (50k)**	1	0	1	0	-
132	**15.9**	**Bedrock permeability (50k)**	Identified (within 50m)				
132	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
133	**16.1**	**BGS Boreholes**	2	2	49	-	-
Page	Section	Natural ground subsidence					
136	**17.1**	**Shrink swell clays**	Low (within 50m)				
138	**17.2**	**Running sands**	Low (within 50m)				
140	**17.3**	**Compressible deposits**	Moderate (within 50m)				
142	**17.4**	**Collapsible deposits**	Low (within 50m)				
144	**17.5**	**Landslides**	Very low (within 50m)				
145	**17.6**	**Ground dissolution of soluble rocks**	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
147	18.1	Natural cavities	0	0	0	0	-
148	**18.2**	**BritPits**	2	1	0	5	-
149	**18.3**	**Surface ground workings**	21	37	46	-	-
153	**18.4**	**Underground workings**	0	0	1	0	0
153	18.5	Historical Mineral Planning Areas	0	0	0	0	-

154	18.6	Non-coal mining	0	0	0	0	0
154	18.7	Mining cavities	0	0	0	0	0
154	18.8	JPB mining areas	None (within 0m)				
154	18.9	Coal mining	None (within 0m)				
154	18.10	Brine areas	None (within 0m)				
155	18.11	Gypsum areas	None (within 0m)				
155	18.12	Tin mining	None (within 0m)				
155	18.13	Clay mining	None (within 0m)				

Page	Section	Radon	
156	**19.1**	**Radon**	Less than 1% (within 0m)

Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
157	**20.1**	**BGS Estimated Background Soil Chemistry**	8	3	-	-	-
157	**20.2**	**BGS Estimated Urban Soil Chemistry**	9	11	-	-	-
158	**20.3**	**BGS Measured Urban Soil Chemistry**	1	0	-	-	-

Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
160	21.1	Underground railways (London)	0	0	0	-	-
160	21.2	Underground railways (Non-London)	0	0	0	-	-
161	21.3	Railway tunnels	0	0	0	-	-
161	**21.4**	**Historical railway and tunnel features**	15	24	26	-	-
163	21.5	Royal Mail tunnels	0	0	0	-	-
164	**21.6**	**Historical railways**	0	1	0	-	-
164	**21.7**	**Railways**	0	13	19	-	-
165	**21.8**	**Crossrail 1**	0	1	0	0	-
166	21.9	Crossrail 2	0	0	0	0	-
166	21.10	HS2	0	0	0	0	-

Recent aerial photograph

Capture Date: 13/06/2021

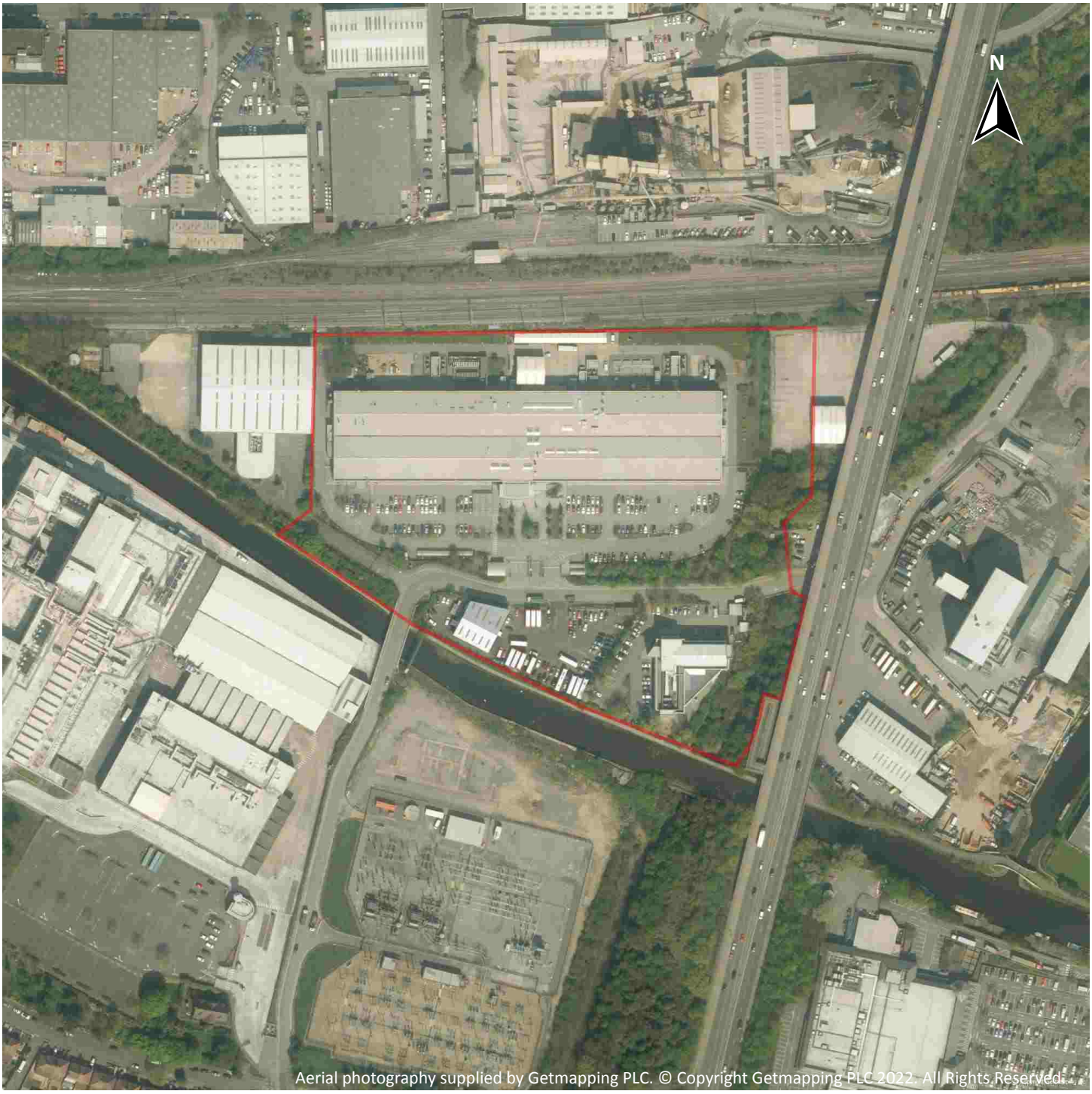
Site Area: 5.08ha

Recent site history - 2019 aerial photograph

Capture Date: 29/06/2019

Site Area: 5.08ha

Recent site history - 2015 aerial photograph



Capture Date: 20/04/2015

Site Area: 5.08ha

Recent site history - 2011 aerial photograph

Capture Date: 30/09/2011

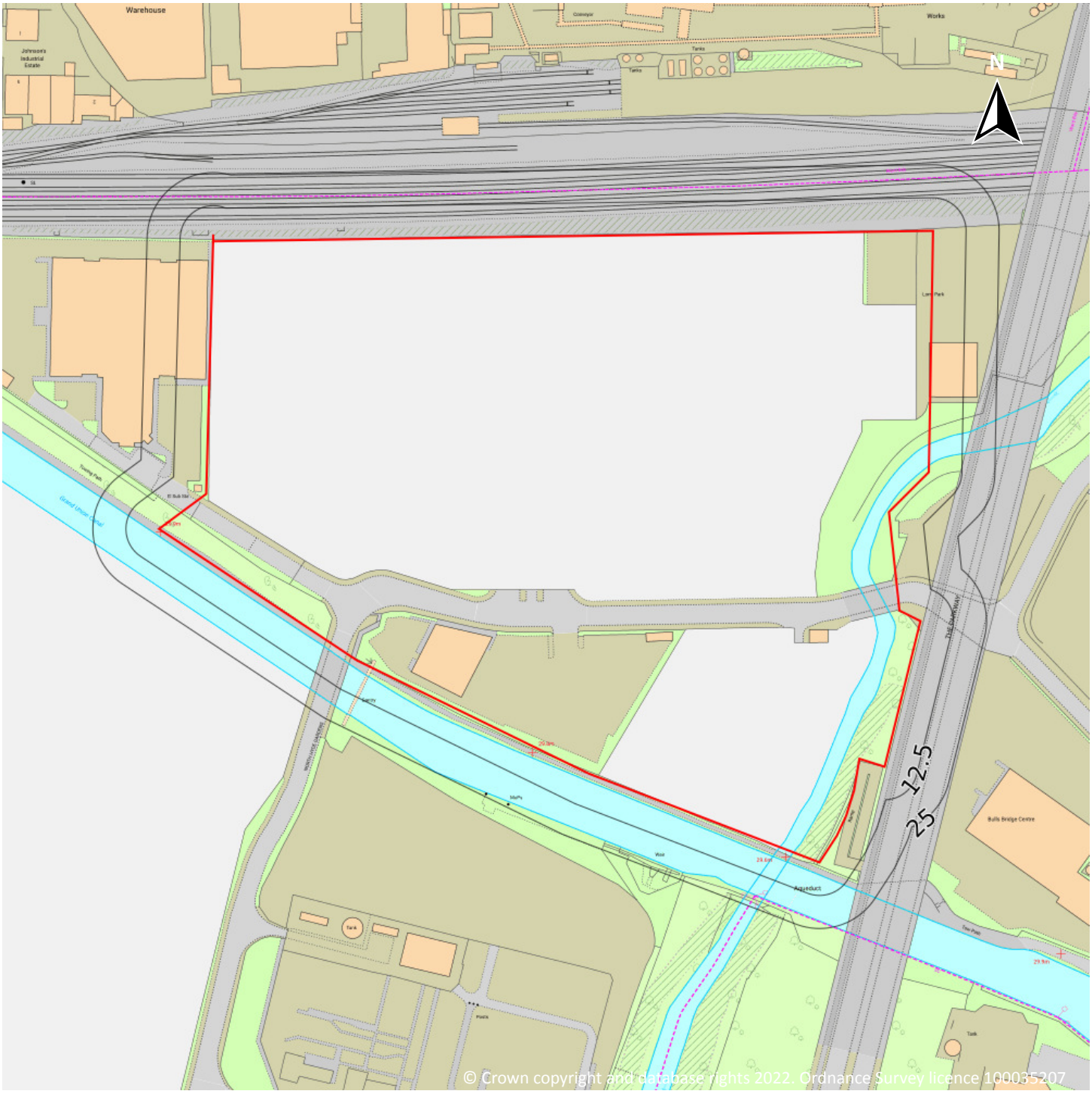
Site Area: 5.08ha

Recent site history - 1999 aerial photograph

Capture Date: 29/08/1999

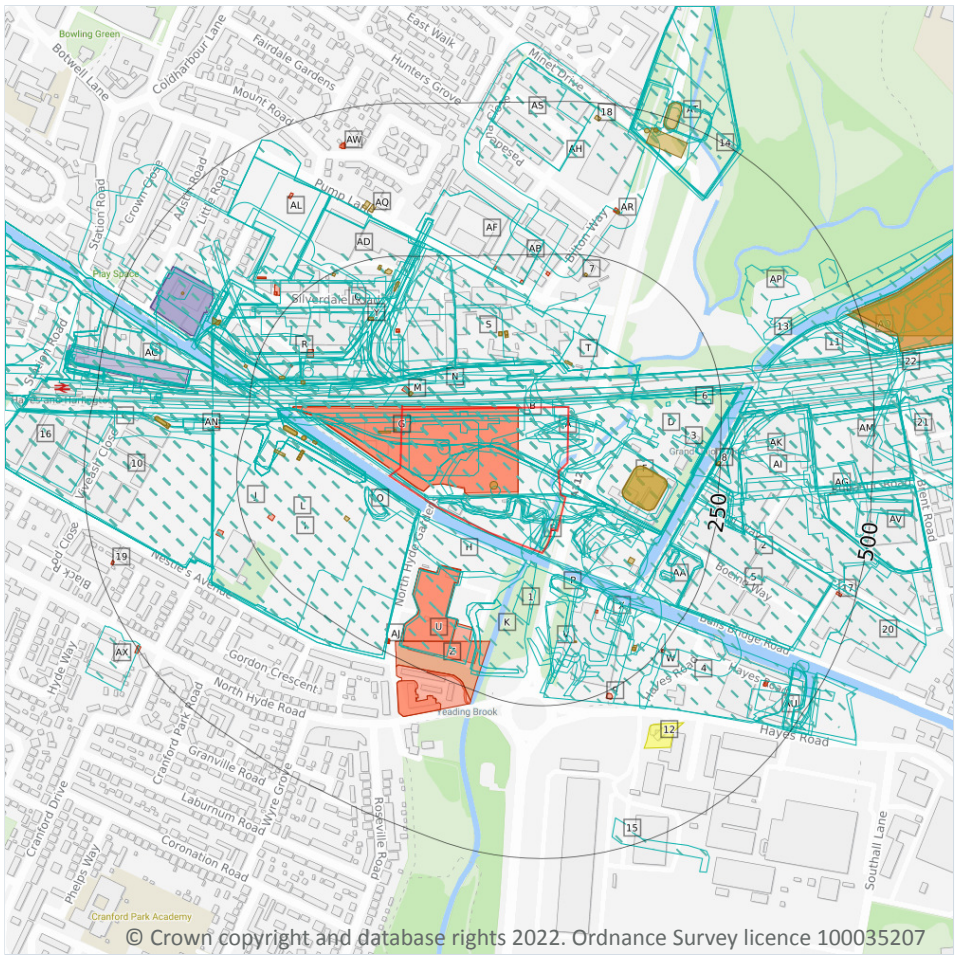
Site Area: 5.08ha

OS MasterMap site plan



Site Area: 5.08ha

1 Past land use



1.1 Historical industrial land uses

Records within 500m	250

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

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

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Unspecified Pit**	**1994**	**2125183**

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Ground Workings	1935	2186176
A	On site	Unspecified Ground Workings	1974	2204411
A	On site	Creosoting Works	1935	2211764
A	On site	Unspecified Ground Workings	1966 - 1985	2226332
A	On site	Creosoting Works	1938	2251856
B	On site	Railway Building	1938	2148517
B	On site	Railway Building	1938	2148518
B	On site	Railway Buildings	1938	2163420
B	On site	Railway Sidings	1938	2168855
B	On site	Railway Sidings	1938	2168856
B	On site	Railway Sidings	1935	2168857
B	On site	Railway Sidings	1935	2168858
B	On site	Chimney	1985 - 1994	2205018
B	On site	Railway Sidings	1935 - 1938	2226800
B	On site	Unspecified Works	1966	2229788
B	On site	Railway Sidings	1920	2231088
B	On site	Power Station	1985 - 1994	2246633
B	On site	Railway Sidings	1894 - 1897	2257030
B	On site	Railway Sidings	1913 - 1974	2282032
C	On site	Railway Sidings	1959	2168786
C	On site	Railway Sidings	1964	2168787
C	On site	Railway Sidings	1959	2168788
C	On site	Railway Sidings	1964	2168789
C	On site	Railway Sidings	1964	2168790
C	On site	Railway Sidings	1966	2168791
C	On site	Railway Sidings	1964	2168792
C	On site	Railway Sidings	1959	2168793
D	On site	Creosoting Works	1897	2176174

ID	Location	Land use	Dates present	Group ID
E	**On site**	**Cuttings**	**1913**	**2129519**
E	**On site**	**Unspecified Tank**	**1985 - 1994**	**2193632**
E	**On site**	**Unspecified Ground Workings**	**1913**	**2197668**
E	**On site**	**Unspecified Heap**	**1920**	**2218375**
E	**On site**	**Unspecified Works**	**1959**	**2219494**
E	**On site**	**Unspecified Heap**	**1966 - 1974**	**2229472**
E	**On site**	**Unspecified Ground Workings**	**1935**	**2234651**
E	**On site**	**Unspecified Ground Workings**	**1938**	**2237968**
E	**On site**	**Unspecified Ground Workings**	**1935**	**2248674**
E	**On site**	**Unspecified Ground Workings**	**1938**	**2254183**
E	**On site**	**Creosoting Works**	**1938**	**2256552**
E	**On site**	**Unspecified Ground Workings**	**1985 - 1994**	**2270233**
E	**On site**	**Unspecified Heap**	**1959**	**2293483**
F	**On site**	**Creosoting Works**	**1894**	**2206455**
F	**On site**	**Creosoting Works**	**1913 - 1920**	**2270275**
E	4m E	Unspecified Ground Workings	1913	2186508
F	8m SE	Unspecified Ground Workings	1935	2226296
H	18m SW	Unspecified Pit	1913	2125181
I	19m SW	Unspecified Factory	1994	2168902
J	19m SW	Cocoa Factory	1938	2287066
K	20m S	Unspecified Heap	1913 - 1920	2169299
L	20m SW	Cocoa Factory	1935	2277199
B	20m N	Railway Sidings	1974 - 1985	2237245
B	20m N	Railway Sidings	1994	2278658
I	21m SW	Unspecified Factory	1974 - 1985	2255347
I	22m SW	Unspecified Factory	1959	2188174
I	22m SW	Unspecified Factory	1966	2289453
N	26m N	Railway Sidings	1935	2257029

ID	Location	Land use	Dates present	Group ID
E	27m E	Unspecified Ground Workings	1994	2248435
H	27m SW	Unspecified Heap	1920	2206769
E	28m E	Unspecified Ground Workings	1938	2210776
E	28m E	Unspecified Ground Workings	1938	2285752
E	29m SE	Unspecified Pit	1938	2125185
B	34m N	Railway Building	1985 - 1994	2256674
O	39m SW	Unspecified Heap	1938	2258474
O	40m SW	Unspecified Heap	1938	2262964
O	41m SW	Unspecified Ground Workings	1935	2133378
P	41m SE	Unspecified Heap	1938 - 1959	2222868
P	42m SE	Unspecified Pit	1913	2125184
A	43m E	Railway Building	1938	2148521
Q	45m N	Unspecified Works	1966	2201691
Q	45m N	Unspecified Works	1959	2265104
R	45m NW	Piano Works	1920	2153068
P	45m SE	Unspecified Heap	1935	2232800
P	46m S	Unspecified Heap	1920	2176355
S	46m N	Factory Centre	1994	2128988
N	48m N	Unspecified Factory	1985	2222863
S	49m N	Unspecified Commercial/Industrial	1985	2130810
E	49m SE	Unspecified Tanks	1938	2274821
R	51m N	Piano Factory	1913	2141132
R	52m NW	Unspecified Commercial/Industrial	1935 - 1938	2185708
F	53m E	Unspecified Commercial/Industrial	1994	2130812
1	53m S	Electricity Transformer Station	1974 - 1985	2277046
S	55m N	Unspecified Pit	1913 - 1920	2266587
N	56m NW	Unspecified Factory	1974	2209921
N	56m NW	Unspecified Factory	1966	2245171

ID	Location	Land use	Dates present	Group ID
Q	58m NW	Unspecified Works	1938	2250193
T	59m N	Unspecified Works	1966 - 1974	2268080
E	62m SE	Unspecified Tanks	1935 - 1938	2256132
S	67m N	Unspecified Works	1974	2194150
S	68m N	Unspecified Works	1966	2252593
U	78m SW	Electric Substation	1985 - 1994	2195781
V	78m SE	Unspecified Pit	1913	2125182
U	78m SW	Electricity Transformer Station	1974	2163265
W	78m SE	Industrial Estate	1985 - 1994	2272696
X	79m SE	Unspecified Wharf	1938 - 1959	2292661
V	85m S	Unspecified Ground Workings	1920	2281588
R	90m NW	Brick Field	1865	2170007
F	93m E	Unspecified Tanks	1985 - 1994	2217136
R	95m NW	Unspecified Factory	1985	2281087
D	96m E	Railway Building	1938	2148519
K	98m S	Unspecified Ground Workings	1959	2173527
K	98m S	Unspecified Ground Workings	1966	2270175
X	107m SE	Unspecified Wharf	1938	2183517
R	110m NW	Brick Field	1882	2189271
W	117m SE	Unspecified Depot	1966	2204528
V	121m S	Unspecified Ground Workings	1882	2181226
R	127m NW	Unspecified Factory	1974	2186980
R	127m NW	Unspecified Factory	1966	2212558
X	131m SE	Unspecified Wharf	1935	2243886
R	140m W	Railway Sidings	1882	2213402
V	141m S	Unspecified Ground Workings	1865	2182387
W	142m SE	Unspecified Depot	1974	2170328
R	147m W	Railway Sidings	1865	2250728

ID	Location	Land use	Dates present	Group ID
R	157m W	Clay Mill	1882	2166652
D	160m E	Railway Building	1938	2148520
R	165m W	Clay Mill	1865	2166655
2	170m SE	Unspecified Factory	1974	2199691
AA	170m SE	Unspecified Commercial/Industrial	1959	2289103
3	171m E	Railway Buildings	1938	2163419
AA	172m SE	Unspecified Commercial/Industrial	1935	2253880
AB	172m N	Unspecified Depot	1966	2147062
AC	172m W	Unspecified Works	1974	2243490
4	176m SE	Unspecified Depot	1959	2190890
R	176m W	Unspecified Factory	1994	2247414
R	179m W	Tunnel	1994	2151520
AD	181m N	Unspecified Factory	1966	2247139
AA	182m E	Filter Beds	1938	2244718
AA	182m SE	Unspecified Tanks	1959	2143828
AE	183m E	Preserved Food Factory	1938	2200159
5	184m E	Preserved Food Factory	1935 - 1938	2179872
AE	184m E	Unspecified Factory	1959	2191434
AD	184m N	Unspecified Factory	1974 - 1985	2196549
AA	184m E	Filter Beds	1935 - 1938	2195636
AA	186m E	Unspecified Tanks	1959	2143829
AA	186m E	Filter Beds	1938	2176490
AA	187m E	Filter Beds	1938	2183688
AA	189m E	Filter Beds	1935	2222129
6	193m E	Railway Buildings	1938	2163421
AE	199m E	Unspecified Factory	1966	2182308
AF	202m N	Unspecified Works	1966 - 1974	2235206
AF	202m N	Unspecified Commercial/Industrial	1985 - 1994	2274781

ID	Location	Land use	Dates present	Group ID
R	208m W	Unspecified Works	1985	2250627
AD	209m N	Unspecified Works	1935 - 1938	2174709
AG	211m E	Unspecified Commercial/Industrial	1938	2212042
AH	212m N	Unspecified Commercial/Industrial	1985	2179082
R	214m W	Unspecified Works	1994	2168878
AI	214m E	Jam Factory	1935	2272859
AK	229m E	Unspecified Factory	1920	2197388
AK	229m E	Railway Sidings	1920	2294430
AI	230m E	Jam Factory	1938	2221402
AK	230m E	Unspecified Works	1913	2159618
AI	231m E	Railway Sidings	1938	2171257
AI	231m E	Railway Sidings	1935	2257215
AC	236m W	Railway Sidings	1935 - 1938	2257026
AH	237m N	Unspecified Works	1994	2159616
W	238m SE	Unspecified Ground Workings	1913 - 1920	2233620
AC	240m W	Railway Sidings	1894	2190823
AC	251m W	Railway Sidings	1897	2230201
AL	256m NW	Unspecified Works	1974 - 1994	2292050
AM	262m E	Industrial Estate	1985 - 1994	2192606
R	265m NW	Unspecified Wharf	1935	2226356
R	268m NW	Unspecified Wharf	1959	2219902
AL	278m NW	Joinery Works	1935	2168596
10	288m W	Unspecified Commercial/Industrial	1959	2130809
AN	296m W	Railway Building	1964	2148516
AL	303m NW	Unspecified Factory	1966	2150954
AO	307m E	Unspecified Commercial/Industrial	1959	2199153
AC	309m W	Railway Sidings	1987	2168726
AC	313m W	Unspecified Works	1987	2250626

ID	Location	Land use	Dates present	Group ID
AP	323m NE	Unspecified Ground Workings	1966 - 1994	2291516
AO	325m E	Unspecified Commercial/Industrial	1935 - 1938	2237022
11	330m E	Dock	1913 - 1920	2275269
R	331m NW	Unspecified Wharfs	1913	2151296
R	331m NW	Unspecified Wharf	1938	2237586
R	331m NW	Unspecified Wharves	1920	2140494
AO	333m E	Unspecified Commercial/Industrial	1938	2199210
AO	334m E	Railway Sidings	1938	2171256
R	335m NW	Unspecified Wharf	1938	2201476
AC	335m W	Railway Station	1935	2287716
13	339m E	Unspecified Heap	1985 - 1994	2199313
R	349m NW	Chair Factory	1913 - 1920	2185181
AC	350m W	Carriage Shed	1894	2219870
AC	351m W	Carriage Shed	1897	2254684
AC	351m W	Carriage Shed	1913	2204041
AC	352m W	Carriage Shed	1920	2176742
AO	354m E	Railway Sidings	1935	2284959
AS	386m N	Unspecified Commercial/Industrial	1974	2212391
AS	387m N	Bakery	1966	2140547
AM	390m E	Jam Factory	1913 - 1920	2212244
AC	392m W	Railway Building	1938 - 1959	2281897
AM	393m E	Unspecified Factory	1959	2183917
AC	394m W	Railway Building	1970	2279579
AC	394m W	Railway Building	1938	2236034
AM	396m E	Unspecified Factory	1966	2223752
AC	397m W	Railway Building	1913	2290830
AC	398m W	Railway Building	1920	2148515
AC	402m W	Railway Building	1935 - 1959	2223708

ID	Location	Land use	Dates present	Group ID
AT	403m NE	Sewage Works	1920	2259171
AC	404m W	Railway Building	1938	2170990
14	405m NE	Council Yard	1966	2138050
AT	408m NE	Urban District Council Sewage Works	1935	2142080
AU	409m SE	Brick Field	1865	2291018
AT	410m NE	Unspecified Works	1985	2159617
AT	410m NE	Sewage Works	1938	2237153
AT	411m NE	Sewage Works	1938	2199707
AU	413m SE	Brick Field	1882	2242678
AV	415m E	Unspecified Commercial/Industrial	1935	2171657
AT	421m NE	Sewage Works	1913	2259522
AV	423m E	Unspecified Commercial/Industrial	1994	2275568
AV	429m E	Unspecified Factory	1966	2176649
AV	429m E	Unspecified Commercial/Industrial	1974	2226101
AU	436m SE	Unspecified Ground Workings	1935 - 1938	2171067
AU	441m SE	Unspecified Heap	1865	2295324
AV	442m E	Railway Sidings	1935 - 1938	2282981
AV	442m E	Railway Sidings	1938	2250870
AU	443m SE	Timber Yard	1938	2252806
AU	446m SE	Dock	1959	2245592
AU	448m SE	Unspecified Dock	1935	2167827
AU	448m SE	Timber Yard	1935	2197834
AU	448m SE	Unspecified Heap	1882	2182738
15	450m S	Unspecified Ground Workings	1985 - 1994	2213820
AC	450m W	Railway Station	1897	2209389
AO	461m E	Unspecified Works	1966	2172520
AP	462m NE	Unspecified Heap	1966 - 1974	2272572
AU	463m SE	Dock	1938	2195788

ID	Location	Land use	Dates present	Group ID
16	464m W	Unspecified Depot	1970	2281571
AT	465m N	Unspecified Tanks	1920	2179725
AT	467m N	Unspecified Ground Workings	1935	2133374
AT	467m N	Filter Beds	1913 - 1920	2204874
AT	470m N	Unspecified Tank	1935 - 1938	2177253
AO	470m E	Unspecified Pit	1865	2125177
AT	471m N	Unspecified Tanks	1938	2284452
20	476m E	Unspecified Warehouse	1974 - 1994	2269200
AV	482m E	Railway Sidings	1959	2225070
AT	482m N	Unspecified Tanks	1935	2262530
AT	484m N	Unspecified Tanks	1913	2257336
AO	484m E	Cuttings	1882	2129518
AT	484m NE	Unspecified Tanks	1938	2198187
AU	484m SE	Dock	1938	2286757
AT	485m NE	Unspecified Tanks	1938	2233230
AO	485m E	Unspecified Commercial/Industrial	1974	2181568
AC	487m W	Railway Building	1935 - 1938	2275127
21	487m E	Brick Field	1882	2231227
AO	488m E	Gas Works	1920	2282609
AC	490m W	Railway Building	1964 - 1970	2225987
AC	490m W	Railway Buildings	1938	2163422
AC	492m W	Railway Building	1959	2294388
22	492m E	Railway Sidings	1882	2278133
AX	493m SW	Caravan Works	1935	2160699
AU	494m SE	Dock	1938	2265760

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	55

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 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
E	**On site**	**Unspecified Tank**	**1979 - 1993**	**384802**
G	9m W	Tanks	1935	375989
G	18m W	Tanks	1935	375987
M	21m N	Unspecified Tank	1987	363685
T	68m N	Tanks	1975	375990
F	93m E	Tanks	1993 - 1994	405596
F	94m E	Tanks	1980 - 1992	392352
O	96m SW	Unspecified Tank	1987	363684
S	115m N	Unspecified Tank	1993	363683
S	118m N	Tanks	1988	391749
S	118m N	Tanks	1984 - 1991	394541
S	119m N	Unspecified Tank	1984 - 1988	391851
S	119m N	Unspecified Tank	-	359019
E	126m SE	Tanks	1935	375986
C	130m NW	Unspecified Tank	1979 - 1993	402679
C	144m W	Unspecified Tank	1972 - 1979	388411
C	146m W	Tanks	1993	375988
C	147m W	Unspecified Tank	1972 - 1979	404915
C	148m W	Unspecified Tank	1972 - 1979	408587
C	149m NW	Unspecified Tank	1972 - 1979	381801
C	150m NW	Unspecified Tank	1993	398053

ID	Location	Land use	Dates present	Group ID
Y	152m N	Unspecified Tank	1973	363686
V	154m S	Unspecified Tank	1975	393112
V	154m S	Unspecified Tank	1982	397971
R	164m W	Unspecified Tank	1972 - 1993	380770
C	166m NW	Tanks	1979 - 1993	401223
C	166m NW	Tanks	1972	400453
C	174m W	Tanks	1972 - 1993	385193
AD	193m N	Tanks	1973 - 1979	392522
R	199m W	Tanks	1972	375984
W	213m SE	Tanks	1982 - 1987	387872
W	213m SE	Tanks	1975	405979
7	216m N	Unspecified Tank	1973 - 1993	380728
AD	221m N	Tanks	1973 - 1979	408824
AD	230m N	Tanks	1973 - 1979	411382
8	243m E	Unspecified Tank	1914	363682
Q	243m NW	Unspecified Tank	1973 - 1979	401183
R	263m W	Unspecified Tank	1972 - 1993	406676
AQ	325m N	Tanks	1987	375948
AR	326m N	Unspecified Tank	1993	385014
AR	327m N	Unspecified Tank	1973 - 1992	400608
R	329m NW	Tanks	1973	385995
R	330m NW	Tanks	1979 - 1984	399488
AQ	331m N	Tanks	1987	375947
AC	368m W	Tanks	1972	396326
AC	369m W	Tanks	1992	400704
AC	374m W	Tanks	1972	392955
R	404m NW	Unspecified Tank	1914	363687
AT	447m NE	Filter Tanks	1935	379275

ID	Location	Land use	Dates present	Group ID
AT	466m N	Unspecified Tank	1935	363623
18	470m N	Tanks	1979 - 1992	388933
AT	472m N	Unspecified Tank	1914	363624
AO	480m E	Gasholder Station	1976	374605
AT	483m N	Tanks	1914	375953
AO	491m E	Gas Works	1895 - 1914	395268

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	**45**

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 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
B	**On site**	**Disused Power Station**	**1993**	**249991**
B	**On site**	**Power Station**	**1979**	**251979**
M	26m N	Electricity Substation	1987	243657
U	75m SW	Electricity Substation	1979 - 1994	282416
U	76m SW	Electricity Transformer Station	1972	280474
Y	125m N	Electricity Substation	1973 - 1988	262280
Y	126m N	Electricity Substation	-	240853
X	128m SE	Electricity Substation	1994	243643
Z	165m S	Electricity Substation	1989	256590
R	168m NW	Electricity Substation	1972 - 1979	257258
R	192m W	Electricity Substation	1993	243655
L	199m W	Electricity Substation	1987	243656

ID	Location	Land use	Dates present	Group ID
AB	202m N	Electricity Substation	1979 - 1993	278463
AB	215m N	Electricity Substation	1973 - 1993	279098
AB	226m N	Electricity Substation	1973	243652
AJ	228m SW	Electricity Substation	1979	252374
AJ	229m SW	Electricity Substation	1972	256995
AJ	230m SW	Electricity Substation	1993 - 1994	270432
AJ	232m SW	Electricity Substation	1989	256222
AJ	232m SW	Electricity Substation	1979	281589
Z	239m S	Electricity Substation	1989	255287
Z	239m S	Electricity Substation	1989 - 1994	260259
W	252m SE	Electricity Substation	1975 - 1987	266969
9	253m SE	Electricity Substation	1975 - 1987	265071
Z	272m SW	Electricity Substation	1979	278560
R	273m NW	Electricity Substation	1973 - 1984	277139
R	277m NW	Electricity Substation	-	240209
R	277m NW	Electricity Substation	1988	286913
J	286m W	Electricity Substation	1987	243646
AN	289m W	Electricity Substation	1993	243647
R	308m NW	Electricity Substation	1973 - 1988	291904
R	309m NW	Electricity Substation	-	240416
AR	327m N	Electricity Substation	1993	289741
AR	328m N	Electricity Substation	1973 - 1992	258008
AL	389m NW	Electricity Substation	1973 - 1991	273808
AU	420m SE	Electricity Substation	1994	291077
AU	420m SE	Electricity Substation	1982 - 1987	259206
AG	432m E	Electricity Substation	1976 - 1998	264065
AW	436m N	Electricity Substation	1973 - 1988	271200
AW	436m N	Electricity Substation	-	240852

ID	Location	Land use	Dates present	Group ID
17	468m E	Electricity Substation	1976 - 1998	282290
19	472m W	Electricity Substation	1972 - 1992	265012
AO	480m E	Gasholder Station	1976	251746
AO	491m E	Gas Works	1895 - 1914	275436
AX	494m SW	Electricity Substation	1973	243644

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m **1**

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

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

ID	Location	Land use	Dates present	Group ID
12	334m SE	Filling Station	1987	4147

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m **3**

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original 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
AC	355m W	Carriage Shed	1895 - 1914	83237
R	355m NW	Motor Repair Works	1982	75974

ID	Location	Land use	Dates present	Group ID
R	356m NW	Motor Repair Works	1975	79984

This data is sourced from Ordnance Survey / Groundsure.

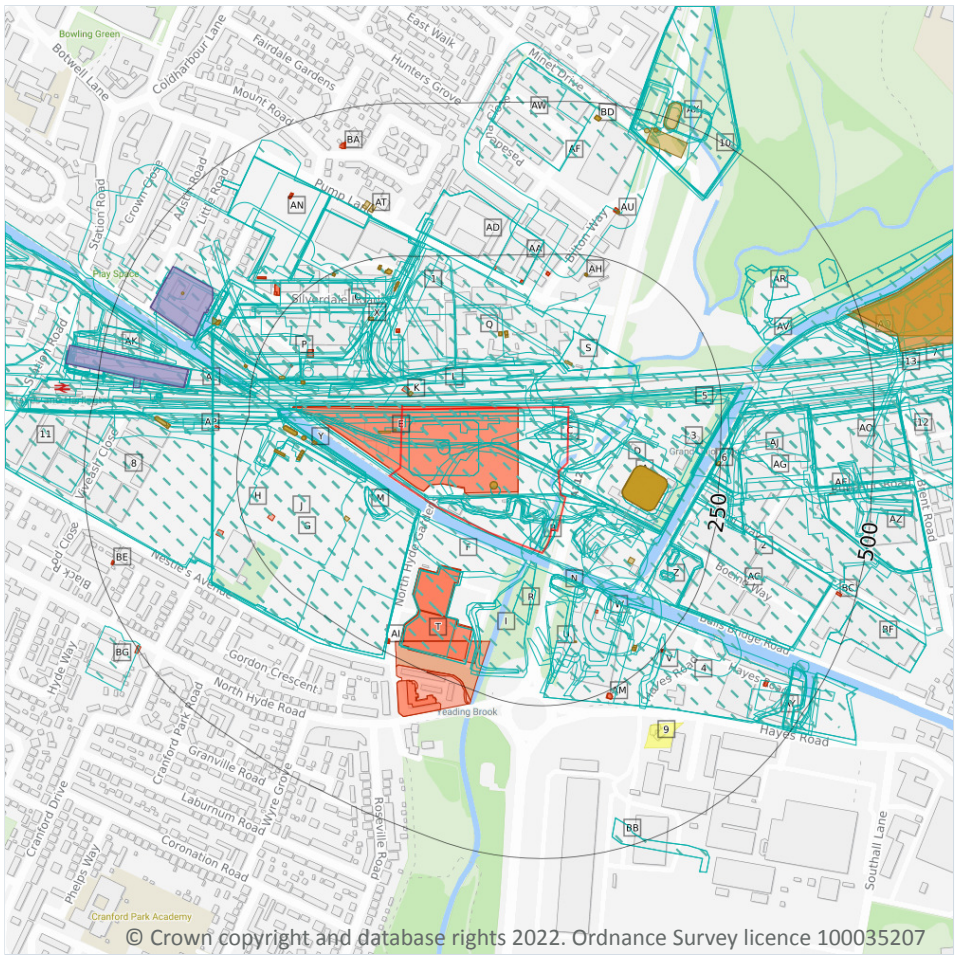
1.6 Historical military land

Records within 500m	**0**

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

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

2 Past land use - un-grouped



Site Outline

Search buffers in metres (m)

- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical petrol stations
- Historical garages

2.1 Historical industrial land uses

Records within 500m	318

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 30**

ID	Location	Land Use	Date	Group ID
A	**On site**	**Creosoting Works**	**1894**	**2206455**
A	**On site**	**Creosoting Works**	**1897**	**2176174**
A	**On site**	**Creosoting Works**	**1920**	**2270275**

ID	Location	Land Use	Date	Group ID
A	On site	Creosoting Works	1913	2270275
B	On site	Cuttings	1913	2129519
B	On site	Unspecified Ground Workings	1935	2234651
B	On site	Unspecified Ground Workings	1935	2248674
B	On site	Unspecified Heap	1920	2218375
B	On site	Unspecified Ground Workings	1913	2197668
B	On site	Unspecified Ground Workings	1994	2270233
B	On site	Unspecified Tank	1994	2193632
B	On site	Unspecified Ground Workings	1985	2270233
B	On site	Unspecified Tank	1985	2193632
B	On site	Unspecified Heap	1974	2229472
B	On site	Creosoting Works	1938	2256552
B	On site	Unspecified Ground Workings	1938	2254183
B	On site	Unspecified Heap	1966	2229472
B	On site	Unspecified Works	1959	2219494
B	On site	Unspecified Heap	1959	2293483
B	On site	Unspecified Ground Workings	1938	2237968
C	On site	Unspecified Ground Workings	1935	2186176
C	On site	Creosoting Works	1935	2211764
C	On site	Railway Sidings	1897	2257030
C	On site	Unspecified Pit	1994	2125183
C	On site	Unspecified Ground Workings	1985	2226332
C	On site	Unspecified Ground Workings	1974	2226332
C	On site	Unspecified Ground Workings	1974	2204411
C	On site	Creosoting Works	1938	2251856
C	On site	Unspecified Ground Workings	1966	2226332
D	On site	Railway Sidings	1935	2226800
D	On site	Railway Sidings	1920	2231088

ID	Location	Land Use	Date	Group ID
D	**On site**	**Railway Sidings**	**1913**	**2282032**
D	**On site**	**Railway Sidings**	**1894**	**2257030**
D	**On site**	**Power Station**	**1994**	**2246633**
D	**On site**	**Chimney**	**1994**	**2205018**
D	**On site**	**Power Station**	**1985**	**2246633**
D	**On site**	**Chimney**	**1985**	**2205018**
D	**On site**	**Railway Sidings**	**1938**	**2226800**
D	**On site**	**Railway Sidings**	**1938**	**2168855**
D	**On site**	**Railway Buildings**	**1938**	**2163420**
D	**On site**	**Railway Building**	**1938**	**2148518**
D	**On site**	**Railway Building**	**1938**	**2148517**
D	**On site**	**Railway Sidings**	**1966**	**2168791**
D	**On site**	**Unspecified Works**	**1966**	**2229788**
D	**On site**	**Railway Sidings**	**1959**	**2168788**
B	4m E	Unspecified Ground Workings	1913	2186508
A	8m SE	Unspecified Ground Workings	1935	2226296
F	18m SW	Unspecified Pit	1913	2125181
G	19m SW	Unspecified Factory	1994	2168902
H	19m SW	Cocoa Factory	1938	2287066
I	20m S	Unspecified Heap	1913	2169299
J	20m SW	Cocoa Factory	1935	2277199
D	20m N	Railway Sidings	1994	2278658
D	20m N	Railway Sidings	1985	2237245
D	20m N	Railway Sidings	1974	2237245
G	21m SW	Unspecified Factory	1985	2255347
G	21m SW	Unspecified Factory	1974	2255347
G	22m SW	Unspecified Factory	1966	2289453
G	22m SW	Unspecified Factory	1959	2188174

ID	Location	Land Use	Date	Group ID
L	26m N	Railway Sidings	1935	2257029
B	27m E	Unspecified Ground Workings	1994	2248435
F	27m SW	Unspecified Heap	1920	2206769
B	28m E	Unspecified Ground Workings	1938	2210776
B	28m E	Unspecified Ground Workings	1938	2285752
I	29m S	Unspecified Heap	1920	2169299
B	29m SE	Unspecified Pit	1938	2125185
D	34m N	Railway Building	1985	2256674
M	39m SW	Unspecified Heap	1938	2258474
M	39m SW	Unspecified Heap	1938	2258474
M	40m SW	Unspecified Heap	1938	2262964
M	41m SW	Unspecified Ground Workings	1935	2133378
D	41m N	Railway Building	1994	2256674
N	41m SE	Unspecified Heap	1938	2222868
N	41m SE	Unspecified Heap	1938	2222868
N	42m SE	Unspecified Pit	1913	2125184
N	43m SE	Unspecified Heap	1959	2222868
C	43m E	Railway Building	1938	2148521
O	45m N	Unspecified Works	1959	2265104
P	45m NW	Piano Works	1920	2153068
N	45m SE	Unspecified Heap	1935	2232800
N	46m S	Unspecified Heap	1920	2176355
Q	46m N	Factory Centre	1994	2128988
L	48m N	Unspecified Factory	1985	2222863
Q	49m N	Unspecified Commercial/Industrial	1985	2130810
B	49m SE	Unspecified Tanks	1938	2274821
G	50m W	Cocoa Factory	1938	2287066
P	51m N	Piano Factory	1913	2141132

ID	Location	Land Use	Date	Group ID
P	52m NW	Unspecified Commercial/Industrial	1935	2185708
A	53m E	Unspecified Commercial/Industrial	1994	2130812
R	53m S	Electricity Transformer Station	1985	2277046
R	53m S	Electricity Transformer Station	1974	2277046
Q	55m N	Unspecified Pit	1920	2266587
L	56m NW	Unspecified Factory	1974	2209921
L	56m NW	Unspecified Factory	1966	2245171
O	58m NW	Unspecified Works	1938	2250193
S	59m N	Unspecified Works	1974	2268080
S	59m N	Unspecified Works	1966	2268080
B	62m SE	Unspecified Tanks	1938	2256132
Q	63m N	Unspecified Pit	1913	2266587
B	66m SE	Unspecified Tanks	1935	2256132
Q	67m N	Unspecified Works	1974	2194150
Q	68m N	Unspecified Works	1966	2252593
P	72m NW	Unspecified Commercial/Industrial	1938	2185708
T	78m SW	Electric Substation	1994	2195781
T	78m SW	Electric Substation	1985	2195781
U	78m SE	Unspecified Pit	1913	2125182
T	78m SW	Electricity Transformer Station	1974	2163265
V	78m SE	Industrial Estate	1994	2272696
V	78m SE	Industrial Estate	1985	2272696
W	79m SE	Unspecified Wharf	1938	2292661
U	85m S	Unspecified Ground Workings	1920	2281588
P	90m NW	Brick Field	1865	2170007
A	93m E	Unspecified Tanks	1994	2217136
A	93m E	Unspecified Tanks	1985	2217136
P	95m NW	Unspecified Factory	1985	2281087

ID	Location	Land Use	Date	Group ID
A	96m E	Railway Building	1938	2148519
I	98m S	Unspecified Ground Workings	1966	2270175
I	98m S	Unspecified Ground Workings	1959	2173527
W	106m SE	Unspecified Wharf	1959	2292661
W	107m SE	Unspecified Wharf	1938	2183517
W	107m SE	Unspecified Wharf	1938	2183517
P	110m NW	Brick Field	1882	2189271
V	117m SE	Unspecified Depot	1966	2204528
U	121m S	Unspecified Ground Workings	1882	2181226
P	127m NW	Unspecified Factory	1974	2186980
P	127m NW	Unspecified Factory	1966	2212558
W	131m SE	Unspecified Wharf	1935	2243886
P	140m W	Railway Sidings	1882	2213402
U	141m S	Unspecified Ground Workings	1865	2182387
V	142m SE	Unspecified Depot	1974	2170328
P	147m W	Railway Sidings	1865	2250728
1	154m N	Unspecified Works	1966	2252593
P	157m W	Clay Mill	1882	2166652
A	160m E	Railway Building	1938	2148520
P	165m W	Clay Mill	1865	2166655
2	170m SE	Unspecified Factory	1974	2199691
Z	170m SE	Unspecified Commercial/Industrial	1959	2289103
3	171m E	Railway Buildings	1938	2163419
Z	172m SE	Unspecified Commercial/Industrial	1935	2253880
AA	172m N	Unspecified Depot	1966	2147062
P	172m W	Unspecified Works	1974	2243490
P	172m W	Unspecified Works	1966	2201691
4	176m SE	Unspecified Depot	1959	2190890

ID	Location	Land Use	Date	Group ID
P	176m W	Unspecified Factory	1994	2247414
P	179m W	Tunnel	1994	2151520
O	181m N	Unspecified Factory	1966	2247139
Z	182m E	Filter Beds	1938	2244718
Z	182m E	Filter Beds	1938	2244718
Z	182m SE	Unspecified Tanks	1959	2143828
AB	183m E	Preserved Food Factory	1938	2200159
AB	184m E	Unspecified Factory	1959	2191434
AC	184m E	Preserved Food Factory	1938	2179872
O	184m N	Unspecified Factory	1985	2196549
O	184m N	Unspecified Factory	1974	2196549
Z	184m E	Filter Beds	1938	2195636
AC	185m E	Preserved Food Factory	1935	2179872
Z	186m E	Unspecified Tanks	1959	2143829
Z	186m E	Filter Beds	1935	2195636
Z	186m E	Filter Beds	1938	2176490
Z	186m E	Filter Beds	1938	2176490
Z	187m E	Filter Beds	1938	2183688
Z	189m E	Filter Beds	1935	2222129
5	193m E	Railway Buildings	1938	2163421
AB	199m E	Unspecified Factory	1966	2182308
AD	202m N	Unspecified Commercial/Industrial	1994	2274781
AD	202m N	Unspecified Commercial/Industrial	1985	2274781
AD	202m N	Unspecified Works	1974	2235206
P	208m W	Unspecified Works	1985	2250627
O	209m N	Unspecified Works	1935	2174709
AE	211m E	Unspecified Commercial/Industrial	1938	2212042
AF	212m N	Unspecified Commercial/Industrial	1985	2179082

ID	Location	Land Use	Date	Group ID
O	213m N	Unspecified Works	1938	2174709
P	214m W	Unspecified Works	1994	2168878
AG	214m E	Jam Factory	1935	2272859
AD	229m N	Unspecified Works	1966	2235206
AJ	229m E	Unspecified Factory	1920	2197388
AJ	229m E	Railway Sidings	1920	2294430
AG	230m E	Jam Factory	1938	2221402
AJ	230m E	Unspecified Works	1913	2159618
AG	231m E	Railway Sidings	1938	2171257
AG	231m E	Railway Sidings	1935	2257215
AG	233m E	Railway Sidings	1959	2282032
AK	236m W	Railway Sidings	1938	2257026
AF	237m N	Unspecified Works	1994	2159616
V	238m SE	Unspecified Ground Workings	1913	2233620
V	238m SE	Unspecified Ground Workings	1920	2233620
AL	240m W	Railway Sidings	1894	2190823
AK	240m W	Railway Sidings	1935	2257026
AL	251m W	Railway Sidings	1897	2230201
AN	256m NW	Unspecified Works	1994	2292050
AN	256m NW	Unspecified Works	1985	2292050
AN	256m NW	Unspecified Works	1974	2292050
AO	262m E	Industrial Estate	1994	2192606
AO	262m E	Industrial Estate	1985	2192606
7	262m E	Railway Sidings	1966	2282032
P	265m NW	Unspecified Wharf	1935	2226356
P	268m NW	Unspecified Wharf	1959	2219902
AN	278m NW	Joinery Works	1935	2168596
8	288m W	Unspecified Commercial/Industrial	1959	2130809

ID	Location	Land Use	Date	Group ID
AK	288m W	Railway Sidings	1959	2168786
AP	296m W	Railway Building	1964	2148516
AK	299m W	Railway Sidings	1970	2282032
AL	301m W	Railway Sidings	1964	2168787
AN	303m NW	Unspecified Factory	1966	2150954
AQ	307m E	Unspecified Commercial/Industrial	1959	2199153
AK	309m W	Railway Sidings	1974	2282032
AK	309m W	Railway Sidings	1987	2168726
AK	311m W	Railway Sidings	1964	2168790
AK	311m W	Unspecified Works	1974	2243490
AK	313m W	Unspecified Works	1987	2250626
AQ	314m E	Railway Sidings	1959	2282032
AR	323m NE	Unspecified Ground Workings	1994	2291516
AR	323m NE	Unspecified Ground Workings	1985	2291516
AS	324m NE	Unspecified Ground Workings	1974	2291516
AS	324m NE	Unspecified Ground Workings	1966	2291516
AQ	325m E	Unspecified Commercial/Industrial	1938	2237022
AQ	330m E	Dock	1920	2275269
P	331m NW	Unspecified Wharfs	1913	2151296
P	331m NW	Unspecified Wharf	1938	2237586
P	331m NW	Unspecified Wharves	1920	2140494
AQ	333m E	Unspecified Commercial/Industrial	1938	2199210
AQ	334m E	Unspecified Commercial/Industrial	1935	2237022
AQ	334m E	Railway Sidings	1938	2171256
P	335m NW	Unspecified Wharf	1938	2201476
P	335m NW	Unspecified Wharf	1938	2201476
AK	335m W	Railway Station	1935	2287716
AV	339m E	Unspecified Heap	1994	2199313

ID	Location	Land Use	Date	Group ID
AV	339m E	Unspecified Heap	1985	2199313
P	349m NW	Chair Factory	1920	2185181
AK	350m W	Carriage Shed	1894	2219870
AK	351m W	Carriage Shed	1897	2254684
AK	351m W	Carriage Shed	1913	2204041
AK	352m W	Carriage Shed	1920	2176742
P	353m NW	Chair Factory	1913	2185181
AQ	354m E	Railway Sidings	1935	2284959
AW	386m N	Unspecified Commercial/Industrial	1974	2212391
AW	387m N	Bakery	1966	2140547
AO	390m E	Jam Factory	1920	2212244
AL	392m W	Railway Building	1938	2281897
AL	393m W	Railway Building	1959	2281897
AO	393m E	Unspecified Factory	1959	2183917
AO	394m E	Jam Factory	1913	2212244
AL	394m W	Railway Building	1970	2279579
AL	394m W	Railway Building	1938	2236034
AO	396m E	Jam Factory	1938	2221402
AO	396m E	Unspecified Factory	1966	2223752
AL	397m W	Railway Building	1913	2290830
AL	398m W	Railway Building	1920	2148515
AK	402m W	Railway Building	1935	2223708
AX	403m NE	Sewage Works	1920	2259171
AK	404m W	Railway Building	1938	2170990
10	405m NE	Council Yard	1966	2138050
AK	406m W	Railway Building	1959	2223708
AK	406m W	Railway Building	1938	2223708
AX	408m NE	Urban District Council Sewage Works	1935	2142080

ID	Location	Land Use	Date	Group ID
AY	409m SE	Brick Field	1865	2291018
AX	410m NE	Unspecified Works	1985	2159617
AX	410m NE	Sewage Works	1938	2237153
AX	410m NE	Sewage Works	1938	2237153
AX	411m NE	Sewage Works	1938	2199707
AY	413m SE	Brick Field	1882	2242678
AZ	415m E	Unspecified Commercial/Industrial	1935	2171657
AX	421m NE	Sewage Works	1913	2259522
AZ	423m E	Unspecified Commercial/Industrial	1994	2275568
AZ	429m E	Unspecified Commercial/Industrial	1974	2226101
AZ	429m E	Unspecified Factory	1966	2176649
AY	436m SE	Unspecified Ground Workings	1938	2171067
AY	439m SE	Unspecified Ground Workings	1935	2171067
AY	441m SE	Unspecified Heap	1865	2295324
AZ	442m E	Railway Sidings	1938	2282981
AZ	442m E	Railway Sidings	1938	2250870
AY	443m SE	Timber Yard	1938	2252806
AY	444m SE	Timber Yard	1938	2252806
AY	446m SE	Dock	1959	2245592
AY	448m SE	Timber Yard	1935	2197834
AY	448m SE	Unspecified Dock	1935	2167827
AY	448m SE	Unspecified Heap	1882	2182738
BB	450m S	Unspecified Ground Workings	1994	2213820
BB	450m S	Unspecified Ground Workings	1985	2213820
AK	450m W	Railway Station	1897	2209389
AQ	452m E	Dock	1913	2275269
AZ	452m E	Railway Sidings	1935	2282981
AQ	461m E	Unspecified Works	1966	2172520

ID	Location	Land Use	Date	Group ID
AS	462m NE	Unspecified Heap	1974	2272572
AS	462m NE	Unspecified Heap	1966	2272572
AY	463m SE	Dock	1938	2195788
11	464m W	Unspecified Depot	1970	2281571
AX	465m N	Unspecified Tanks	1920	2179725
AX	467m N	Unspecified Ground Workings	1935	2133374
AX	467m N	Filter Beds	1920	2204874
AX	470m N	Unspecified Tank	1935	2177253
AQ	470m E	Unspecified Pit	1865	2125177
AX	471m N	Unspecified Tanks	1938	2284452
AX	472m N	Unspecified Tank	1938	2177253
AX	475m N	Filter Beds	1913	2204874
BF	476m E	Unspecified Warehouse	1994	2269200
BF	476m E	Unspecified Warehouse	1985	2269200
BF	476m E	Unspecified Warehouse	1974	2269200
AZ	482m E	Railway Sidings	1959	2225070
AX	482m N	Unspecified Tanks	1935	2262530
AX	484m N	Unspecified Tanks	1913	2257336
AQ	484m E	Cuttings	1882	2129518
AX	484m NE	Unspecified Tanks	1938	2198187
AY	484m SE	Dock	1938	2286757
AY	484m SE	Dock	1938	2286757
AX	485m NE	Unspecified Tanks	1938	2233230
AQ	485m E	Unspecified Commercial/Industrial	1974	2181568
AK	487m W	Railway Building	1935	2275127
12	487m E	Brick Field	1882	2231227
AQ	488m E	Gas Works	1920	2282609
AK	489m W	Railway Building	1938	2275127

ID	Location	Land Use	Date	Group ID
AK	490m W	Railway Building	1964	2225987
AK	490m W	Railway Buildings	1938	2163422
AK	491m W	Railway Building	1970	2225987
AK	492m W	Railway Building	1959	2294388
13	492m E	Railway Sidings	1882	2278133
BG	493m SW	Caravan Works	1935	2160699
AY	494m SE	Dock	1938	2265760

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**95**

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 30**

ID	Location	Land Use	Date	Group ID
B	**On site**	**Unspecified Tank**	**1979**	**384802**
B	**On site**	**Unspecified Tank**	**1993**	**384802**
E	9m W	Tanks	1935	375989
E	18m W	Tanks	1935	375987
K	21m N	Unspecified Tank	1987	363685
S	68m N	Tanks	1975	375990
A	93m E	Tanks	1993	405596
A	93m E	Tanks	1994	405596
A	94m E	Tanks	1980	392352
A	94m E	Tanks	1980	392352
A	94m E	Tanks	1992	392352
A	94m E	Tanks	1992	392352
M	96m SW	Unspecified Tank	1987	363684

ID	Location	Land Use	Date	Group ID
Q	115m N	Unspecified Tank	1993	363683
Q	118m N	Tanks	1988	391749
Q	118m N	Tanks	1984	394541
Q	119m N	Tanks	1991	394541
Q	119m N	Unspecified Tank	1988	391851
Q	119m N	Unspecified Tank	1984	391851
Q	119m N	Unspecified Tank	-	359019
B	126m SE	Tanks	1935	375986
Y	130m NW	Unspecified Tank	1979	402679
Y	132m NW	Unspecified Tank	1993	402679
Y	144m W	Unspecified Tank	1979	388411
Y	145m W	Unspecified Tank	1972	388411
Y	146m W	Tanks	1993	375988
Y	147m W	Unspecified Tank	1979	404915
Y	147m W	Unspecified Tank	1972	404915
Y	148m W	Unspecified Tank	1979	408587
Y	149m W	Unspecified Tank	1972	408587
Y	149m NW	Unspecified Tank	1979	381801
Y	150m NW	Unspecified Tank	1993	398053
Y	150m NW	Unspecified Tank	1972	381801
X	152m N	Unspecified Tank	1973	363686
U	154m S	Unspecified Tank	1975	393112
U	154m S	Unspecified Tank	1982	397971
P	164m W	Unspecified Tank	1979	380770
P	165m W	Unspecified Tank	1993	380770
P	165m W	Unspecified Tank	1972	380770
Y	166m NW	Tanks	1979	401223
Y	166m NW	Tanks	1993	401223

ID	Location	Land Use	Date	Group ID
Y	166m NW	Tanks	1972	400453
Y	174m W	Tanks	1979	385193
Y	175m W	Tanks	1972	385193
Y	175m W	Tanks	1993	385193
O	193m N	Tanks	1973	392522
O	193m N	Tanks	1979	392522
P	199m W	Tanks	1972	375984
V	213m SE	Tanks	1982	387872
V	213m SE	Tanks	1987	387872
V	213m SE	Tanks	1975	405979
AH	216m N	Unspecified Tank	1993	380728
AH	216m N	Unspecified Tank	1979	380728
AH	216m N	Unspecified Tank	1979	380728
AH	216m N	Unspecified Tank	1992	380728
AH	216m N	Unspecified Tank	1992	380728
AH	216m N	Unspecified Tank	1973	380728
O	221m N	Tanks	1973	408824
O	222m N	Tanks	1979	408824
O	222m N	Tanks	1979	408824
O	230m N	Tanks	1973	411382
O	230m N	Tanks	1979	411382
O	230m N	Tanks	1979	411382
6	243m E	Unspecified Tank	1914	363682
O	243m NW	Unspecified Tank	1979	401183
O	243m NW	Unspecified Tank	1979	401183
O	244m NW	Unspecified Tank	1973	401183
P	263m W	Unspecified Tank	1979	406676
P	263m W	Unspecified Tank	1972	406676

ID	Location	Land Use	Date	Group ID
P	263m W	Unspecified Tank	1993	406676
AT	325m N	Tanks	1987	375948
AU	326m N	Unspecified Tank	1993	385014
AU	327m N	Unspecified Tank	1973	400608
AU	328m N	Unspecified Tank	1979	400608
AU	328m N	Unspecified Tank	1992	400608
AU	328m N	Unspecified Tank	1992	400608
P	329m NW	Tanks	1973	385995
P	330m NW	Tanks	1979	399488
P	330m NW	Tanks	1979	399488
P	330m NW	Tanks	1984	399488
AT	331m N	Tanks	1987	375947
AL	368m W	Tanks	1972	396326
AL	369m W	Tanks	1992	400704
AL	374m W	Tanks	1972	392955
P	404m NW	Unspecified Tank	1914	363687
AX	447m NE	Filter Tanks	1935	379275
AX	466m N	Unspecified Tank	1935	363623
BD	470m N	Tanks	1979	388933
BD	470m N	Tanks	1979	388933
BD	470m N	Tanks	1992	388933
BD	470m N	Tanks	1992	388933
AX	472m N	Unspecified Tank	1914	363624
AQ	480m E	Gasholder Station	1976	374605
AX	483m N	Tanks	1914	375953
AQ	491m E	Gas Works	1914	395268

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	93

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 30**

ID	Location	Land Use	Date	Group ID
D	**On site**	**Power Station**	**1979**	**251979**
D	**On site**	**Disused Power Station**	**1993**	**249991**
K	26m N	Electricity Substation	1987	243657
T	75m SW	Electricity Substation	1979	282416
T	76m SW	Electricity Transformer Station	1972	280474
T	76m SW	Electricity Substation	1993	282416
X	125m N	Electricity Substation	1973	262280
X	125m N	Electricity Substation	1988	262280
X	126m N	Electricity Substation	1979	262280
X	126m N	Electricity Substation	1979	262280
X	126m N	Electricity Substation	1984	262280
X	126m N	Electricity Substation	-	240853
W	128m SE	Electricity Substation	1994	243643
T	151m S	Electricity Substation	1979	282416
T	152m S	Electricity Transformer Station	1972	280474
T	153m S	Electricity Substation	1993	282416
T	165m S	Electricity Substation	1989	256590
P	168m NW	Electricity Substation	1979	257258
P	169m NW	Electricity Substation	1972	257258
T	170m S	Electricity Substation	1979	282416
T	178m S	Electricity Substation	1994	282416
P	192m W	Electricity Substation	1993	243655
J	199m W	Electricity Substation	1987	243656

ID	Location	Land Use	Date	Group ID
AA	202m N	Electricity Substation	1979	278463
AA	202m N	Electricity Substation	1979	278463
AA	202m N	Electricity Substation	1992	278463
AA	202m N	Electricity Substation	1992	278463
AA	203m N	Electricity Substation	1993	278463
AA	215m N	Electricity Substation	1993	279098
AA	215m N	Electricity Substation	1973	279098
AA	215m N	Electricity Substation	1979	279098
AA	215m N	Electricity Substation	1992	279098
AA	215m N	Electricity Substation	1992	279098
AA	226m N	Electricity Substation	1973	243652
AI	228m SW	Electricity Substation	1979	252374
AI	229m SW	Electricity Substation	1972	256995
AI	230m SW	Electricity Substation	1993	270432
AI	232m SW	Electricity Substation	1989	256222
AI	232m SW	Electricity Substation	1994	270432
AI	232m SW	Electricity Substation	1979	281589
T	239m S	Electricity Substation	1989	260259
T	239m S	Electricity Substation	1989	255287
V	252m SE	Electricity Substation	1975	266969
V	253m SE	Electricity Substation	1982	266969
V	253m SE	Electricity Substation	1987	266969
AM	253m SE	Electricity Substation	1975	265071
AM	253m SE	Electricity Substation	1982	265071
AM	253m SE	Electricity Substation	1987	265071
T	272m SW	Electricity Substation	1979	278560
P	273m NW	Electricity Substation	1979	277139
P	273m NW	Electricity Substation	1979	277139

ID	Location	Land Use	Date	Group ID
P	273m NW	Electricity Substation	1984	277139
P	273m NW	Electricity Substation	1973	277139
T	274m SW	Electricity Substation	1994	260259
P	277m NW	Electricity Substation	-	240209
P	277m NW	Electricity Substation	1988	286913
H	286m W	Electricity Substation	1987	243646
AP	289m W	Electricity Substation	1993	243647
P	308m NW	Electricity Substation	1979	291904
P	308m NW	Electricity Substation	1979	291904
P	308m NW	Electricity Substation	1984	291904
P	308m NW	Electricity Substation	1973	291904
P	308m NW	Electricity Substation	1988	291904
P	309m NW	Electricity Substation	-	240416
AU	327m N	Electricity Substation	1993	289741
AU	328m N	Electricity Substation	1973	258008
AU	329m N	Electricity Substation	1979	258008
AU	329m N	Electricity Substation	1992	258008
AU	329m N	Electricity Substation	1992	258008
AN	389m NW	Electricity Substation	1979	273808
AN	389m NW	Electricity Substation	1979	273808
AN	389m NW	Electricity Substation	1984	273808
AN	390m NW	Electricity Substation	1973	273808
AN	390m NW	Electricity Substation	1988	273808
AN	390m NW	Electricity Substation	1991	273808
AY	420m SE	Electricity Substation	1994	291077
AY	420m SE	Electricity Substation	1982	259206
AY	420m SE	Electricity Substation	1987	259206
AE	432m E	Electricity Substation	1998	264065

ID	Location	Land Use	Date	Group ID
AE	432m E	Electricity Substation	1976	264065
BA	436m N	Electricity Substation	1979	271200
BA	436m N	Electricity Substation	1979	271200
BA	436m N	Electricity Substation	1984	271200
BA	436m N	Electricity Substation	1973	271200
BA	436m N	Electricity Substation	1988	271200
BA	436m N	Electricity Substation	-	240852
BC	468m E	Electricity Substation	1976	282290
BC	468m E	Electricity Substation	1998	282290
BE	472m W	Electricity Substation	1972	265012
BE	472m W	Electricity Substation	1992	265012
AQ	480m E	Gasholder Station	1976	251746
AQ	491m E	Gas Works	1914	275436
BG	494m SW	Electricity Substation	1973	243644

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m **1**

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

Features are displayed on the Past land use - un-grouped map on **page 30**

ID	Location	Land Use	Date	Group ID
9	334m SE	Filling Station	1987	4147

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	**4**

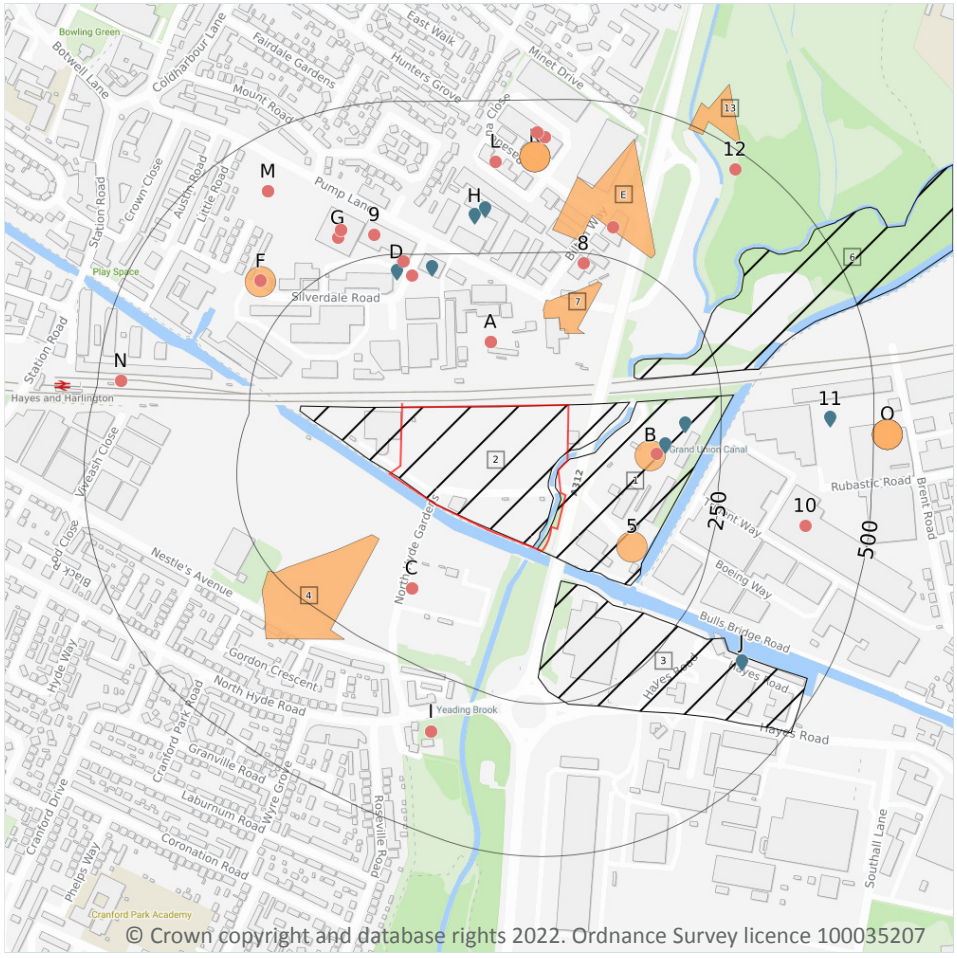
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 30**

ID	Location	Land Use	Date	Group ID
AK	355m W	Carriage Shed	1914	83237
P	355m NW	Motor Repair Works	1982	75974
P	356m NW	Motor Repair Works	1975	79984
AK	356m W	Carriage Shed	1895	83237

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



3.1 Active or recent landfill

Records within 500m	0

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

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

3.2 Historical landfill (BGS records)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	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	4

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 51**

ID	Location	Details		
1	**On site**	**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**
2	**On site**	**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**
3	57m SE	Site Address: Bulls Bridge, Southall Licence Holder Address: -	Waste Licence: - Site Reference: 8HO050 Waste Type: Inert, Industrial, Commercial, Household, Special Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: 31/12/1949

ID	Location	Details		
6	116m NE	Site Address: Land at Yeading, Hayes, Middlesex Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -

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

3.5 Historical waste sites

Records within 500m **11**

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 51**

ID	Location	Address	Further Details	Date
4	98m SW	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
5	100m E	Site Address: Powergen Site, North Hyde Gardens, Bulls Bridge, Hayes, Hillingdon, UB3 4QR	Type of Site: Aggregate Recycling & Processing Plant Planning application reference: 13226/APP/2012/2185 Description: Scheme comprises redevelopment of the site to provide an aggregate recycling and processing plant, asphalt plant and storage facility, gully waste recycling plant, aggregate storage facility, and term maintenance depot, with ancillary offices, structures and facilities, car and lorry parking, regarding. The associated works include access roads, enabling, infrastructure, sewer systems and landscaping. Data source: Historic Planning Application Data Type: Point	08/04/2013

ID	Location	Address	Further Details	Date
B	110m E	Site Address: The Power Station, Yeading Brook, HAYES, Hillingdon, UB3	Type of Site: Waste Transfer Station Planning application reference: 00/1673 Description: Scheme comprises construction of a single storey and two storey recycling centre 16890 sqm. Project comprises of a material handling and storage areas, weighbridge, staff canteen, toilets, ancillary offices, shower rooms, reception and associated lorry t urning and car parking facility, access road, sewer system and landscaping. Construction - brick, metal cladding walls; metal cladding, pitched, steel truss roof; aluminium framed, double glazed windows; roller shutter doors; pad foundations; portal, ste el frame; kitchen fittings. An application (ref: 00/1673) for Detailed Planning permission was refused by Hillingdon L.B. on 5th December 2000. The tender details remain to be finalised. Following the refusal of the detailed planning application no decis ion has been made regarding the proposed waste transfer station. Detailed plans refused 5th December, 2000. (14/12/2000) Data source: Historic Planning Application Data Type: Point	-
7	117m N	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
E	269m N	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
F	284m NW	Site Address: Unit 2, Trinity Trading Estate, Silverdale Road, Hayes, Hillingdon, UB3 3BN	Type of Site: Waste Transfer Station (Conversion/Alterations) Planning application reference: 70738/APP/2015/4688 Description: Scheme comprises change of use of storage depot (B8) storage and distribution) into a waste transfer station (sui generis) and replacement roof and associated external alterations. Data source: Historic Planning Application Data Type: Point	14/07/2016

ID	Location	Address	Further Details	Date
K	381m N	Site Address: 166 Pasadena Close, HAYES, Hillingdon, UB3 3 *unsure*	Type of Site: Waste Transfer Station Planning application reference: 64012/APP/2010/1588 Description: Scheme comprises change of use from B8 (storage and distribution) to sui generis for use as waste handling site. An application (ref: 64012/APP/2010/1588) for detailed planning permission was refused by Hillingdon L.B. A detailed planning application has been refused. Data source: Historic Planning Application Data Type: Point	-
K	381m N	Site Address: 166 Pasadena Close, Pump Lane, Industrial Estate, HAYES, Hillingdon, UB3 3NQ *unsure*	Type of Site: Waste Transfer Site Planning application reference: 64012/APP/2011/1623 Description: Scheme comprises change of use from class B8 (storage and distribution) to sui generis for use as waste handling site (resubmission). An application (ref: 64012/APP/2011/1623) for detailed planning permission was submitted to Hillingdon L.B. A detailed p lanning application has been submitted. Data source: Historic Planning Application Data Type: Point	02/02/2012
13	492m NE	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
O	497m E	Site Address: 165 Brent Road, Southall, Ealing, UB2 5LJ	Type of Site: Waste Transfer Station Planning application reference: 191469FUL Description: Scheme comprises temporary planning permission for a period of 3 years for the change of use of site to sorting, segregation and storage of waste associated with skip hire business (use class sui-generis) and the construction of a building with car parki ng, storage, a weighbridge and an office includes Sustainable Urban Drainage System. This project also includes associated infrastructure works and access roads. Data source: Historic Planning Application Data Type: Point	01/05/2019

ID	Location	Address	Further Details	Date
O	497m E	Site Address: 165 Brent Road, Southall, Ealing, UB2 5LJ	Type of Site: Waste Transfer Station Planning application reference: 202213FUL Description: Scheme comprises temporary planning permission for a period of 7 years for the change of use of site to sorting, segregation and storage of waste associated with skip hire business (use class sui-generis) and the construction of a building with car parki ng, storage, a weighbridge and an office, including sustainable urban drainage system. This project also includes associated infrastructure works and access roads. Data source: Historic Planning Application Data Type: Point	10/06/2020

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

3.6 Licensed waste sites

Records within 500m	**9**

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

Features are displayed on the Waste and landfill map on **page 51**

ID	Location	Details		
B	159m E	Site Name: Heathrow Depot Site Address: North Hyde Gardens, Hayes, Middlesex, UB3 4QR Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: FMC004 EPR reference: EA/EPR/VP3630WE/V002 Operator: F M Conway Limited Waste Management licence No: 401791 Annual Tonnage: 304999	Issue Date: 03/02/2015 Effective Date: - Modified: 28/01/2021 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

ID	Location	Details		
B	190m E	Site Name: Heathrow Depot Site Address: North Hyde Gardens, Hayes, Middlesex, UB3 4QR Correspondence Address: -	Type of Site: - Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: FMC004 EPR reference: EA/EPR/VP3630WE/A001 Operator: F M Conway Limited Waste Management licence No: 401791 Annual Tonnage: 270000	Issue Date: 03/02/2015 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	219m N	Site Name: Unit 1 & 2 Site Address: PHS Ltd, Unit 1 & 2, Pump Lane Industrial Estate, Hayes, Middlesex, UB3 3NB Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PER003 EPR reference: EA/EPR/JP3191NV/V004 Operator: Personnel Hygiene Services Ltd Waste Management licence No: 80404 Annual Tonnage: 24999	Issue Date: 08/01/1999 Effective Date: - Modified: 13/09/2017 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
D	227m N	Site Name: Personnel Hygiene Services Ltd, Hayes Site Address: PHS Ltd, Unit 1, Pump Lane, Pump Lane Ind.Estate, Hayes, Middlesex, UB3 3NB Correspondence Address: PHS Ltd, Unit 1, Pump Lane, Pump Lane Ind.Estate, Hayes, Middlesex, UB3 3NB	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PER003 EPR reference: - Operator: Personnel Hygene Services Ltd Waste Management licence No: 80404 Annual Tonnage: 0	Issue Date: 08/01/1999 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
H	311m N	Site Name: Pump Lane, Hayes Site Address: Rentokil, Units 5 & 6, Pump Lane, Pump Lane Ind.Est, Hayes, Middlesex, UB3 3NB Correspondence Address: Rentokil Initial UK Ltd, Felcourt, East Grinstead, West Sussex, RH19 2JY	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: REN001 EPR reference: - Operator: Rentokil Initial UK Ltd Waste Management licence No: 80057 Annual Tonnage: 0	Issue Date: 27/09/1994 Effective Date: - Modified: 29/08/1997 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

ID	Location	Details		
H	321m N	Site Name: Pump Lane, Hayes Site Address: Rentokil, Units 5 & 6, Pump Lane, Pump Lane Ind Est, Hayes, Middlesex, UB3 3NB Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: REN001 EPR reference: EA/EPR/CP3396LY/S002 Operator: Rentokil Initial U K Ltd Waste Management licence No: 80057 Annual Tonnage: 0	Issue Date: 27/09/1994 Effective Date: - Modified: 29/08/1997 Surrendered Date: Dec 23 2008 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
J	372m SE	Site Name: Bullsbridge Industrial Estate, Southall Site Address: PHS Ltd, Unit 1, Bullsbridge Industrial Estate, Hayes Road, Southall, Middlesex, UB2 5ND Correspondence Address: PHS Ltd, Unit 1, Pump Lane, Pump Lane Ind.Estate, Hayes, Middx, UB3	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PER001 EPR reference: - Operator: Personnel Hygene Services Ltd Waste Management licence No: 80053 Annual Tonnage: 857	Issue Date: 11/12/1991 Effective Date: - Modified: 25/02/1998 Surrendered Date: 31/07/2000 Expiry Date: - Cancelled Date: - Status: Surrendered
J	372m SE	Site Name: Bullsbridge Industrial Estate, Southall Site Address: PHS Ltd, Unit 1, Bullsbridge Industrial Estate, Hayes Road, Southall, Middlesex, UB2 5ND Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PER001 EPR reference: EA/EPR/WP3996NG/S005 Operator: Personnel Hygiene Services Ltd Waste Management licence No: 80053 Annual Tonnage: 857	Issue Date: 11/12/1991 Effective Date: - Modified: 25/02/1998 Surrendered Date: Jul 31 2000 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered

ID	Location	Details		
11	428m E	Site Name: J Simpson Waste Management Site Address: J SIMPSON WASTE MANAGEMENT LTD, 163-165 Brent Road, International Trading Estate, Southall, UB2 5LJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: - EPR reference: EA/EPR/WE0239AB/A001 Operator: J SIMPSON WASTE MANAGEMENT LTD Waste Management licence No: 120352 Annual Tonnage: -	Issue Date: 08/04/2021 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m	**37**

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 51**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	105m N	Western Access, Pump Lane, Hayes, UB3 3LZ	WEX101521	Using waste exemption	Not on a farm	Use of waste in construction
A	105m N	PUMP LANE HAYES UB3 3LZ	WEX004208	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	105m N	PUMP LANE HAYES UB3 3LZ	WEX004208	Treating waste exemption	Not on a farm	Screening and blending of waste
C	141m SW	1 - 3 Bulls Bridge Centre North Hyde Gardens UB3 4QQ	EPR/QE5845VM/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
C	141m SW	1 - 3 Bulls Bridge Centre North Hyde Gardens UB3 4QQ	EPR/QE5845VM/A001	Treating waste exemption	Non-Agricultural Waste Only	Screening and blending of waste
B	145m E	NORTH HYDE GARDENS, HAYES, UB3 4QR	WEX129813	Using waste exemption	Not on a farm	Use of waste in construction
D	214m N	Junction of Pump Lane Silverdale Road Middlesex UB3 3NB	EPR/NE5085KS/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place

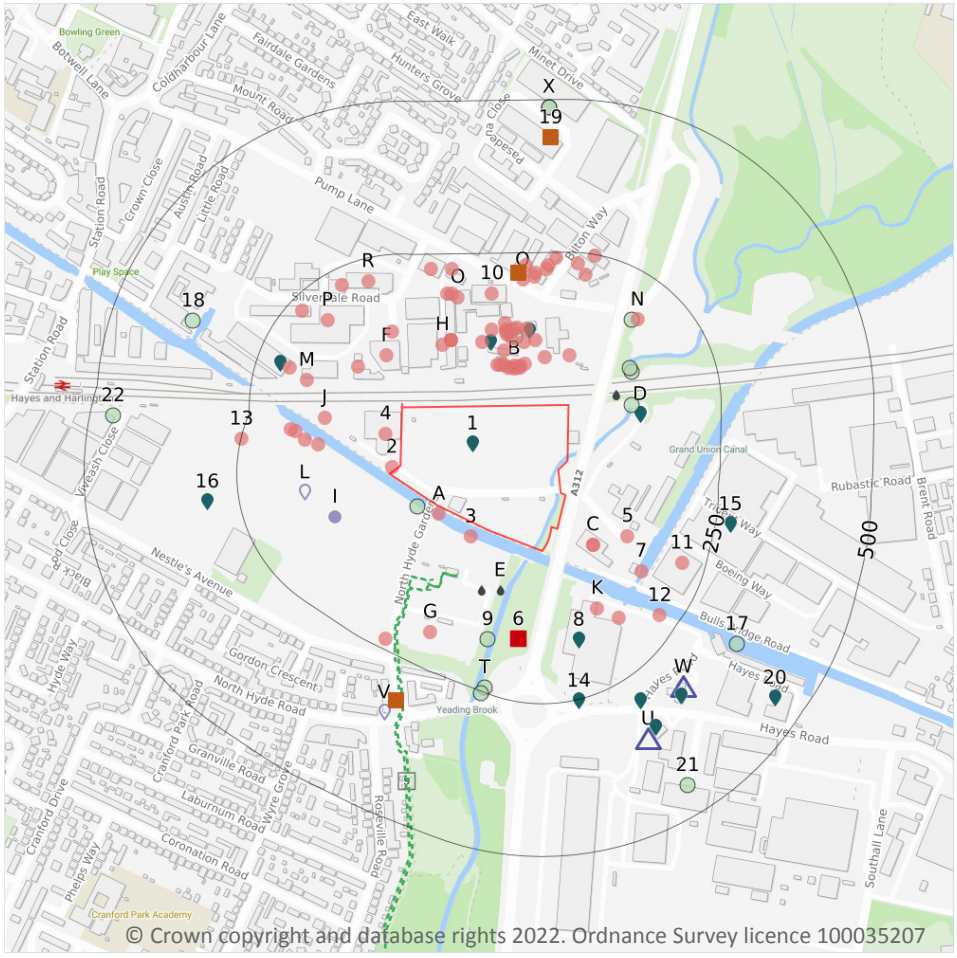
ID	Location	Site	Reference	Category	Sub-Category	Description
8	232m N	Western Access Road Project Office, Pump Lane, Hillingdon, UB3 3NF	WEX116994	Treating waste exemption	Not on a farm	Screening and blending of waste
D	238m N	3 Pump Lane HAYES Middlesex UB3 3NB	EPR/GF0908KK /A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
9	284m N	Unit 6 Argent Centre, Pump Lane, Hayes, Middlesex, UB3 3BS	WEX253188	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	295m N	-	WEX288137	Using waste exemption	Not on a farm	Use of waste in construction
G	295m N	Kooltech Limited, Unit 3 - Argent Centre, Pump Lane, Hayes, UB3 3NB	WEX131203	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	299m N	4, BILTON WAY, HAYES, UB3 3NF	WEX246274	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	305m N	-	WEX214242	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	305m N	PHS Wastemanagement, Unit 2, Trinity Trading Estate, Silverdale Road, Hayes, UB3 3NB	WEX077885	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	305m N	PHS Washrooms, Unit 1, Pump Lane, Silverdale road, Hayes, UB3 3NB	WEX058101	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	309m NW	-	WEX225948	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	311m NW	Unit 2 Trinity Trading Estate Silverdale Road HAYES Middlesex UB3 3BN	EPR/PF0707SR /A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
I	342m S	F M Conway Ltd North Hyde Gardens Middlesex UB3 4QR	EPR/QE5954J W/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
I	342m S	F M Conway Ltd North Hyde Gardens Middlesex UB3 4QR	EPR/QE5954J W/A001	Treating waste exemption	Non-Agricultural Waste Only	Screening and blending of waste
I	342m S	F M Conway Ltd North Hyde Gardens Middlesex UB3 4QR	EPR/QE5954J W/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
10	395m E	-	WEX273889	Storing waste exemption	Not on a farm	Storage of waste in a secure place

ID	Location	Site	Reference	Category	Sub-Category	Description
L	400m N	UNIT 8, PASADENA CLOSE, HAYES, UB3 3NQ	WEX180546	Storing waste exemption	Not on a farm	Storage of waste in a secure place
L	400m N	UNIT 8, PASADENA CLOSE, HAYES, UB3 3NQ	WEX180546	Storing waste exemption	Not on a farm	Storage of waste in secure containers
M	415m NW	Unit1c Chailey Industrial Estate Pump Lane Hayes Middlesex UB3 3NB	EPR/RF0408SW/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
M	415m NW	Unit1c Chailey Industrial Estate Pump Lane Hayes Middlesex UB3 3NB	EPR/RF0408SW/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting mixed waste
M	415m NW	Unit1c Chailey Industrial Estate Pump Lane Hayes Middlesex UB3 3NB	EPR/RF0408SW/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
K	437m N	Unit 11-12 Trading Estate Pasadena Close HAYES Middlesex UB3 3NQ	EPR/JH0578HF/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
K	437m N	Unit 11-12 Trading Estate Pasadena Close HAYES Middlesex UB3 3NQ	EPR/JH0578HF/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Preparatory treatments (baling, sorting, shredding etc)
K	437m N	Unit 11-12 Trading Estate Pasadena Close HAYES Middlesex UB3 3NQ	EPR/JH0578HF/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Recovery of scrap metal
K	437m N	166 Pasadena Close HAYES Middlesex UB3 3NQ	EPR/BF0407SQ/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in secure containers
K	437m N	166 Pasadena Close HAYES Middlesex UB3 3NQ	EPR/BF0407SQ/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
K	447m N	TRADING ESTATE, UNIT 12, PASADENA CLOSE, HAYES, UB3 3NQ	WEX021937	Storing waste exemption	Not on a farm	Storage of waste in secure containers
K	447m N	TRADING ESTATE, UNIT 12, PASADENA CLOSE, HAYES, UB3 3NQ	WEX021937	Storing waste exemption	Not on a farm	Storage of waste in a secure place
N	463m W	Hayes & Harlington Station Station Approach Hayes & Harlington London UB3 4BX	EPR/QF0206NL/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction

ID	Location	Site	Reference	Category	Sub-Category	Description
N	463m W	Hayes & Harlington Station Station Approach Hayes & Harlington London UB3 4BX	EPR/QF0206NL/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste for a specified purpose
12	471m NE	-	WEX226795	Using waste exemption	Not on a farm	Use of waste in construction

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

4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m	77

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 63**

ID	Location	Company	Address	Activity	Category
2	7m NW	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
A	12m SW	Gantry	Greater London, UB3	Travelling Cranes and Gantries	Industrial Features
3	22m SW	Mooring Posts	Greater London, UB3	Moorings and Unloading Facilities	Water

ID	Location	Company	Address	Activity	Category
4	26m W	Addison Lee	Unit A Bulls Bridge Centre, North Hyde Gardens, Hayes, Greater London, UB3 4QR	Vehicle Hire and Rental	Hire Services
B	61m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	62m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	62m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	62m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	63m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
C	64m SE	Volvo Truck & Bus Centre London	4-5 Bulls Bridge Centre, North Hyde Gardens, Hayes, Greater London, UB3 4QQ	Vehicle Parts and Accessories	Motoring
C	64m SE	Volvo Group UK Ltd	Bulls Bridge Centre, North Hyde Gardens, Hayes, Greater London, UB3 4QQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	66m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	66m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	67m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	67m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	67m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	68m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	79m N	Hopper	Greater London, UB3	Hoppers and Silos	Farming
B	81m N	Works	Greater London, UB3	Unspecified Works Or Factories	Industrial Features
F	87m N	Revo Vehicle Services Ltd	Vela House Silverdale Industrial Estate, Silverdale Road, Hayes, Greater London, UB3 3BL	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	90m N	Hoppers	Greater London, UB3	Hoppers and Silos	Farming

ID	Location	Company	Address	Activity	Category
F	97m NW	Johnson's Industrial Estate	Greater London, UB3	Business Parks and Industrial Estates	Industrial Features
H	102m N	Halls Business Centre	Greater London, UB3	Business Parks and Industrial Estates	Industrial Features
B	105m N	Tanks	Greater London, UB3	Tanks (Generic)	Industrial Features
B	106m N	Hoppers	Greater London, UB3	Hoppers and Silos	Farming
B	107m N	Hoppers	Greater London, UB3	Hoppers and Silos	Farming
H	109m N	New Century Glazing Ltd	Unit 5 Halls Business Centre, Pump Lane, Hayes, Greater London, UB3 3NB	Rubber, Silicones and Plastics	Industrial Products
H	109m N	Kings Road Tyres & Repairs Ltd	Unit 4 Chailey Industrial Estate, Pump Lane, Hayes, Greater London, UB3 3NB	Vehicle Components	Industrial Products
H	109m N	Assenciom Pharmaceutics Ltd	Unit 4 Halls Business Centre, Pump Lane, Hayes, Greater London, UB3 3NB	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
B	111m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
5	115m E	Electricity Sub Station	Greater London, UB2	Electrical Features	Infrastructure and Facilities
B	117m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	121m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	121m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	125m N	Hoppers	Greater London, UB3	Hoppers and Silos	Farming
F	125m N	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
B	125m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	126m N	Chimney	Greater London, UB3	Chimneys	Industrial Features

ID	Location	Company	Address	Activity	Category
B	126m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
J	126m W	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
J	127m W	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
B	128m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
K	130m SE	Electricity Sub Station	Greater London, UB2	Electrical Features	Infrastructure and Facilities
B	135m N	Works	Greater London, UB3	Unspecified Works Or Factories	Industrial Features
J	149m W	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
7	154m SE	Mooring Posts	Greater London, UB2	Moorings and Unloading Facilities	Water
M	162m W	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
K	167m SE	Dry Dock	Greater London, UB2	Moorings and Unloading Facilities	Water
J	169m NW	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
J	178m NW	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
O	179m N	Anjana Bhog Ltd	7 Peter James Business Centre, Pump Lane, Hayes, Greater London, UB3 3NT	Baking and Confectionery	Foodstuffs
N	180m NE	Electricity Sub Station	Greater London, UB4	Electrical Features	Infrastructure and Facilities
10	185m N	Works	Greater London, UB3	Unspecified Works Or Factories	Industrial Features
O	185m N	Valley Forge	Unit 9 Chailey Industrial Estate, Pump Lane, Hayes, Greater London, UB3 3NB	Metalworkers Including Blacksmiths	Construction Services
O	186m N	Fast Trak M O T's	Unit 8 Peter James Business Centre, Pump Lane, Hayes, Greater London, UB3 3NT	Vehicle Repair, Testing and Servicing	Repair and Servicing
P	188m NW	Kaycee Sheet Metal Engineering	Unit 3 Benlow Works, Silverdale Road, Hayes, Greater London, UB3 3BW	Metalworkers Including Blacksmiths	Construction Services

ID	Location	Company	Address	Activity	Category
G	191m SW	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
M	195m W	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
Q	206m N	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
Q	211m N	Works	Greater London, UB3	Unspecified Works Or Factories	Industrial Features
11	212m E	City Hire	5-6, Boeing Way, Southall, Greater London, UB2 5LB	Construction and Tool Hire	Hire Services
R	213m N	The Trade Parts Specialists	Unit 6 Argent Centre, Silverdale Road, Hayes, Greater London, UB3 3BS	New Vehicles	Motoring
Q	215m N	Tank	Greater London, UB3	Tanks (Generic)	Industrial Features
Q	218m N	Pump Lane Motors	Unit 4b, Pump Lane, Hayes, Greater London, UB3 3NB	Vehicle Repair, Testing and Servicing	Repair and Servicing
12	219m SE	Mooring Posts	Greater London, UB2	Moorings and Unloading Facilities	Water
R	222m NW	Pioneer International Import Export Ltd	Unit 8 Argent Centre, Silverdale Road, Hayes, Greater London, UB3 3BS	Distribution and Haulage	Transport, Storage and Delivery
Q	222m N	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
O	225m N	Peter James Business Centre	Greater London, UB3	Business Parks and Industrial Estates	Industrial Features
O	226m N	P H S Floorcare	Unit 1, Pump Lane, Hayes, Greater London, UB3 3NB	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
P	227m NW	Silverdale Industrial Estate	Greater London, UB3	Business Parks and Industrial Estates	Industrial Features
Q	229m N	T A S Transport Ltd	Unit 5, Bilton Way, Hayes, Greater London, UB3 3NF	Distribution and Haulage	Transport, Storage and Delivery
Q	230m N	One World Express Inc Ltd	One World House, Pump Lane, Hayes, Greater London, UB3 3NB	Distribution and Haulage	Transport, Storage and Delivery

ID	Location	Company	Address	Activity	Category
Q	232m N	Factory	Greater London, UB3	Unspecified Works Or Factories	Industrial Features
G	234m SW	Electricity Sub Station	Greater London, UB3	Electrical Features	Infrastructure and Facilities
Q	242m N	Works	Greater London, UB3	Unspecified Works Or Factories	Industrial Features
Q	248m N	Mr Clutch Autocentres	Unit 3, Bilton Way, Hayes, Greater London, UB3 3NF	Vehicle Repair, Testing and Servicing	Repair and Servicing
13	249m W	Hoppers	Greater London, UB3	Hoppers and Silos	Farming

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 63**

ID	Location	Company	Address	LPG	Status
W	320m SE	TESCO EXTRA	Hayes Road, Southall Green, Southall, Outer London, UB2 5LN	No	Open
U	353m SE	BP	141, Hayes Road, Southall Green, Southall, Outer London, UB2 5LZ	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	**14**

High voltage underground electricity transmission cables.

Features are displayed on the Current industrial land use map on **page 63**

ID	Location	Cable Set	Cable Route	Details	
G	88m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified

ID	Location	Cable Set	Cable Route	Details	
G	88m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
G	89m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
G	89m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
G	89m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
G	112m SW	IVER-NORTH HYDE 12 CABLE SECT 29	IVER - NORTH HYDE 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1967 Cable in tunnel? Not specified
G	129m SW	IVER-NORTH HYDE 11 CABLE SECT 29	IVER - NORTH HYDE 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1967 Cable in tunnel? Not specified
S	239m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
S	240m SW	IVER-NORTH HYDE 12 CABLE SECT 28	IVER - NORTH HYDE 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1967 Cable in tunnel? Not specified
S	240m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
S	273m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
S	273m SW	IVER-NORTH HYDE 11 CABLE SECT 28	IVER - NORTH HYDE 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1967 Cable in tunnel? No
S	273m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
S	273m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified

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	4

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

Features are displayed on the Current industrial land use map on **page 63**

ID	Location	Details	
I	113m SW	Operator: Nestle UK Ltd Address: Nestle Grocery Division, Nestles Avenue, Hayes, Middlesex, UB3 4RF Process: Combustion Processes Permit Number: AF8106	Original Permit Number: IPCAPP Date Approved: 29-10-1992 Effective Date: 29-10-1992 Status: Superseded By Variation
I	113m SW	Operator: Nestle UK Ltd Address: Nestle Grocery Division, Nestles Avenue, Hayes, Middlesex, UB3 4RF Process: Combustion Processes Permit Number: AI5740	Original Permit Number: IPCMAJVAR Date Approved: 31-12-1993 Effective Date: 31-12-1993 Status: Superseded By Variation
I	113m SW	Operator: Nestle UK Ltd Address: Nestle Grocery Division, Nestles Avenue, Hayes, Middlesex, UB3 4RF Process: Combustion Processes Permit Number: BC5938	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
I	113m SW	Operator: Nestle UK Ltd Address: Nestle Grocery Division, Nestles Avenue, Hayes, Middlesex, UB3 4RF Process: Combustion Processes Permit Number: BE6986	Original Permit Number: IPCMINVAR Date Approved: 4-12-2002 Effective Date: 1-1-2003 Status: Revoked - Now Ippc

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m	9

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 63**

ID	Location	Details	
L	142m W	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: 01/01/2022 Status: SUPERCEDED
L	142m W	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: 01/01/2022 Status: SURRENDER EFFECTIVE
V	343m SW	Operator: FM CONWAY LTD Installation Name: HEATHROW DEPOT - EPR/VP3630WE Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: TP3503LL Original Permit Number: VP3630WE	EPR Reference: - Issue Date: 28/01/2021 Effective Date: 28/01/2021 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
V	343m SW	Operator: FM CONWAY LTD Installation Name: HEATHROW DEPOT - EPR/VP3630WE Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING RECYCLING OR RECLAMATION OF INORGANIC MATERIALS OTHER THAN METALS OR METAL COMPOUNDS Permit Number: VP3630WE Original Permit Number: VP3630WE	EPR Reference: - Issue Date: 03/02/2015 Effective Date: 03/02/2015 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
V	343m SW	Operator: FM CONWAY LTD Installation Name: HEATHROW DEPOT - EPR/VP3630WE Process: ASSOCIATED PROCESS Permit Number: TP3503LL Original Permit Number: VP3630WE	EPR Reference: - Issue Date: 28/01/2021 Effective Date: 28/01/2021 Last date noted as effective: 01/01/2022 Status: EFFECTIVE

ID	Location	Details	
V	343m SW	Operator: FM CONWAY LTD Installation Name: HEATHROW DEPOT - EPR/VP3630WE Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING RECYCLING OR RECLAMATION OF INORGANIC MATERIALS OTHER THAN METALS OR METAL COMPOUNDS Permit Number: TP3503LL Original Permit Number: VP3630WE	EPR Reference: - Issue Date: 28/01/2021 Effective Date: 28/01/2021 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
V	343m SW	Operator: FM CONWAY LTD Installation Name: HEATHROW DEPOT - EPR/VP3630WE Process: ASSOCIATED PROCESS Permit Number: VP3630WE Original Permit Number: VP3630WE	EPR Reference: - Issue Date: 03/02/2015 Effective Date: 03/02/2015 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
V	343m SW	Operator: FM CONWAY LTD Installation Name: HEATHROW DEPOT Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: VP3630WE Original Permit Number: VP3630WE	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2015 Status: DETERMINATION
V	343m SW	Operator: FM CONWAY LTD Installation Name: HEATHROW DEPOT - EPR/VP3630WE Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: VP3630WE Original Permit Number: VP3630WE	EPR Reference: - Issue Date: 03/02/2015 Effective Date: 03/02/2015 Last date noted as effective: 01/01/2022 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	**14**

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 63**

ID	Location	Address	Details	
1	**On site**	**BACE (Bullsbridge), British Airways, Unit 2, Bullsbridge, North Hyde Gardens, Hayes, UB3 4QR**	**Process: Surface Cleaning Status: Current Permit Permit Type: Part B**	**Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified**
B	104m N	Tarmac Roadstone Hayes, Hayes Works, Pump Lane, Hayes, Middlesex, UB3 3LZ	Process: Other Mineral Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
D	117m E	FW Conway, Bulls Bridge, North Hyde Gardens, Hayes	Process: Use of Bulk Cement; Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
B	121m N	Tarmac Roadstone Hayes, Hayes Works, Pump Lane, Hayes, Middlesex, UB3 3LZ	Process: Roadstone Coating Processes; Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
8	157m S	Tesco, Bullsbridge Trad Est	Process: Petrol Vapour Recovery Process Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
M	212m W	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
14	252m S	Motor Service Centre, Bullsbridge Ind Est, Hayes Rd	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
15	273m E	Ivo Textiles Ltd, 3 Trident Way, Southall, Middlesex, UB2 5LF	Process: Printing Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

ID	Location	Address	Details	
U	292m SE	Murco Hayes Rd	Process: Petrol Vapour Recovery Process Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
U	292m SE	Rbm Motors Canal Yd, Hayes Rd	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
16	301m W	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
W	328m SE	Tesco, Bullsbridge Trading Estate, Hayes Road, Southall, Middlesex, UB2 5LD	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
U	342m SE	Hayes Service Station, Hayes Road, Southall, UB2 5LZ	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
20	450m SE	Motor Service Centre Ltd, Unit 6 Bullsbridge Industrial Estate, Hayes Road, Southall, Middlesex, UB2 5NB	Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

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	3

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

Features are displayed on the Current industrial land use map on **page 63**

ID	Location	Address	Details	
D	79m E	BULLS BRIDGE CENTER, OFF NORTH HYDE GARDENS, HAYES, MIDDLESEX, UB3 4QR	Effluent Type: MISCELLANEOUS DISCHARGES - MINE/GROUNDWATER AS RAISED Permit Number: CANM.0043 Permit Version: 1 Receiving Water: INTO LAND	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 14/09/1999 Effective Date: 06/09/1999 Revocation Date: -
E	84m S	NORTH HYDE SUBSTATION, NORTH HYDE GARDENS, HAYES, MIDDLESEX, UB3 4QB	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CANM.0257 Permit Version: 1 Receiving Water: YEADING BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 14/05/2001 Effective Date: 26/04/2001 Revocation Date: -
E	95m S	NORTH HYDE SUBSTATION, NORTH HYDE GARDENS, HAYES, MIDDLESEX, UB3 4QB	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CANM.0797 Permit Version: 1 Receiving Water: UNNAMED TRIB OF YEADING BROOK	Status: REVOKED UNDER EPR 2010 Issue date: 23/08/2004 Effective Date: 23/08/2004 Revocation Date: 01/08/2010

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	3

Discharges of Special Category Effluents to the public sewer.

Features are displayed on the Current industrial land use map on **page 63**

ID	Location	Address	Details	
Q	217m N	METADALIC LTD, UNIT 6, BILTON WAY, HAYES, MIDDLESEX, UB3 3NF	Permission reference: AE1637 Local Authority: LONDON BOROUGH OF HILLINGDON First received date: 01/06/2001	Last received date: 01/01/2018 Status: DEAD (APPLICATION)
V	316m SW	BRITISH AIRWAYS PLC, MAIN OFFICE, SPEEDMARQUE CENTRE, NORTH HYDE GARDENS, HAYES, MIDDLESEX, UB3 4QR	Permission reference: BX9293 Local Authority: LONDON BOROUGH OF HILLINGDON First received date: 01/07/2004	Last received date: 01/01/2018 Status: RECEIVED
19	438m N	PRO-TECH PRECISION LTD, WATKINS CLOUD LTD,UNIT 3,PASADENA CLOSE, HILLINGDON, UXBRIDGE, MIDDLESEX, UB10 0TJ	Permission reference: BA5937 Local Authority: LONDON BOROUGH OF HILLINGDON First received date: 01/06/2001	Last received date: 01/01/2018 Status: RECEIVED

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

4.16 List 1 Dangerous Substances

Records within 500m **1**

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

Features are displayed on the Current industrial land use map on **page 63**

ID	Location	Name	Status	Receiving Water	Authorised Substances
6	150m S	British Airways Componant Engineering, 2 Bulls Bridge Centre	Active	Thames Estuary	Mercury (other), Cadmium

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

4.17 List 2 Dangerous Substances

Records within 500m **0**

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	15

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 63**

ID	Location	Details	
A	19m SW	Incident Date: 25/11/2002 Incident Identification: 122843 Pollutant: Contaminated Water Pollutant Description: Chemically Contaminated Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
D	102m E	Incident Date: 28/08/2001 Incident Identification: 27315 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	113m N	Incident Date: 27/01/2003 Incident Identification: 133477 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
D	116m NE	Incident Date: 23/06/2020 Incident Identification: 1820447 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
D	117m NE	Incident Date: 09/04/2002 Incident Identification: 70063 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)
9	166m S	Incident Date: 09/04/2003 Incident Identification: 150058 Pollutant: Sewage Materials Pollutant Description: Grey Water	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
N	174m NE	Incident Date: 26/03/2002 Incident Identification: 66732 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)
T	242m S	Incident Date: 25/03/2002 Incident Identification: 66680 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

ID	Location	Details	
T	253m S	Incident Date: 13/10/2003 Incident Identification: 196257 Pollutant: Sewage Materials Pollutant Description: Grey Water	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
17	349m SE	Incident Date: 11/09/2003 Incident Identification: 189236 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)
18	369m W	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)
21	451m SE	Incident Date: 30/10/2001 Incident Identification: 40064 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)
22	462m W	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)
X	488m N	Incident Date: 14/09/2002 Incident Identification: 107777 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
X	488m N	Incident Date: 14/09/2002 Incident Identification: 107777 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

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

4.19 Pollution inventory substances

Records within 500m	**0**

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

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

4.20 Pollution inventory waste transfers

Records within 500m	0

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

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

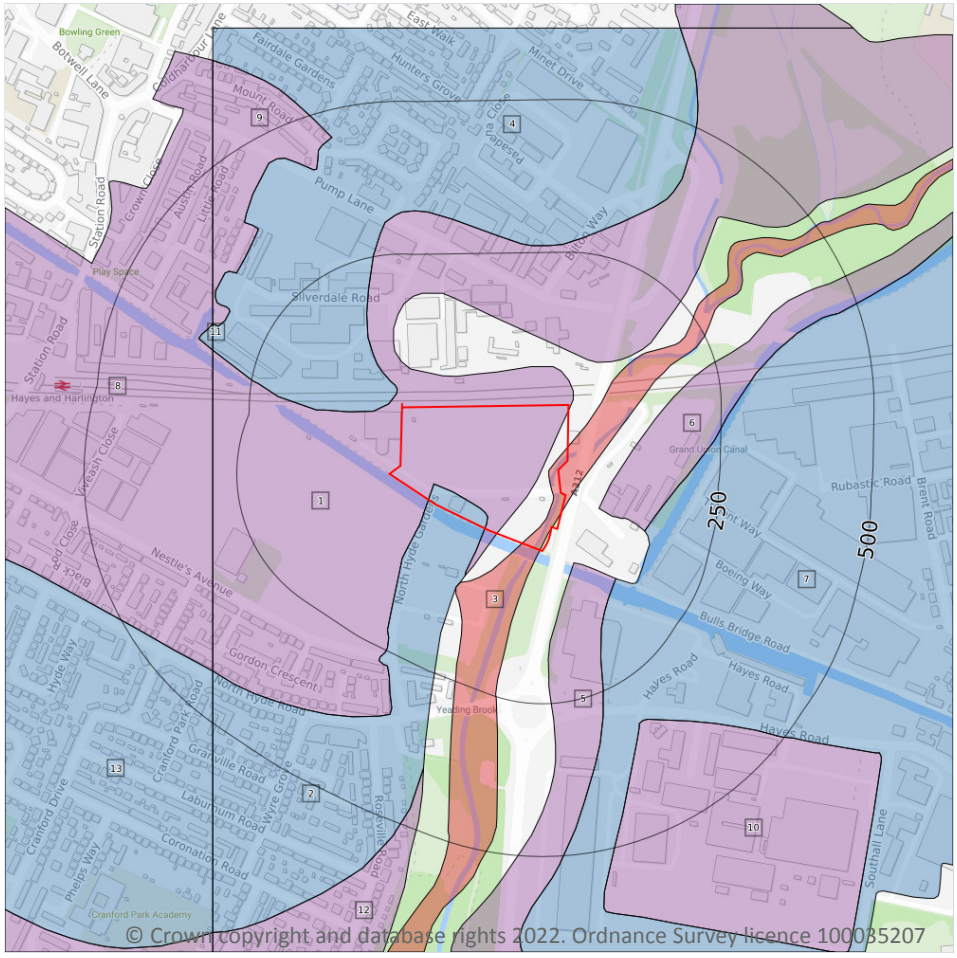
4.21 Pollution inventory radioactive waste

Records within 500m	0

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

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

5 Hydrogeology - Superficial aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive
- Unknown

5.1 Superficial aquifer

Records within 500m	13

Aquifer status of groundwater held within superficial geology.

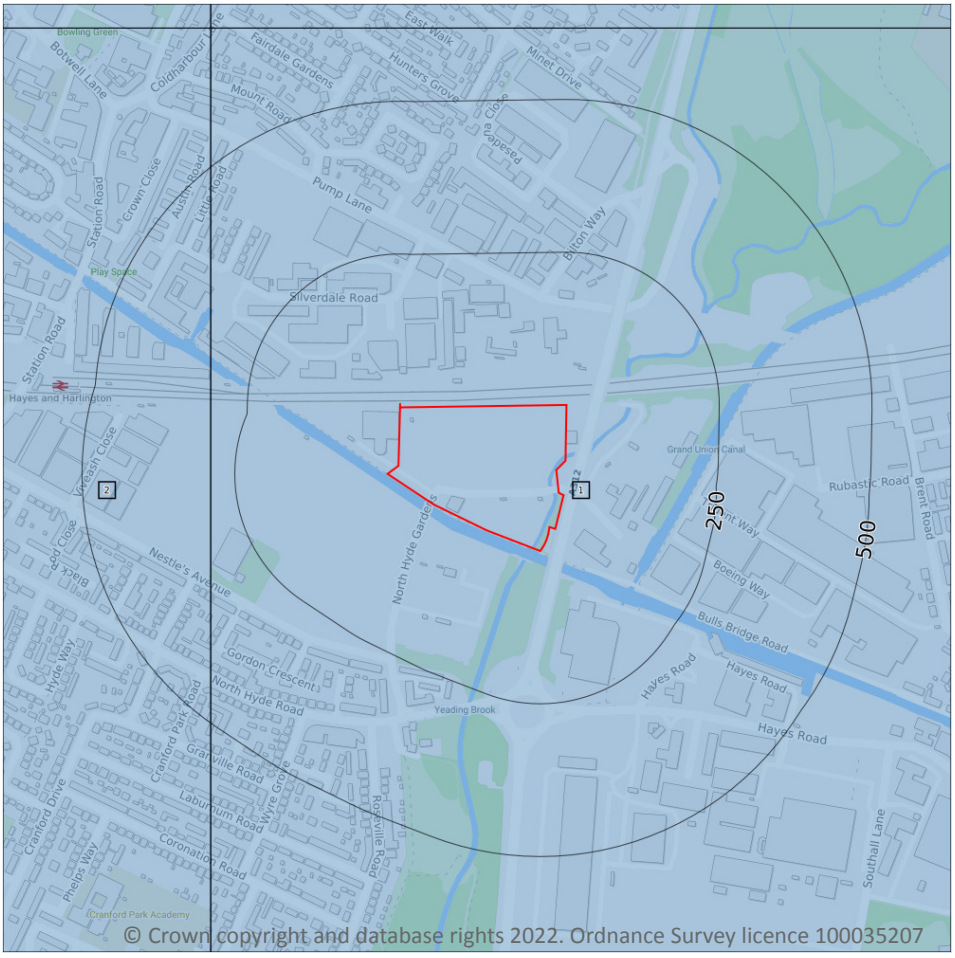
Features are displayed on the Hydrogeology map on **page 81**

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	**On site**	**Secondary A**	**Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers**
4	20m NW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	54m SE	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
6	58m 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
7	126m SE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
8	289m W	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
9	322m NW	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
10	323m SE	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
11	324m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
12	401m S	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
13	433m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

Bedrock aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

5.2 Bedrock aquifer

Records within 500m	2

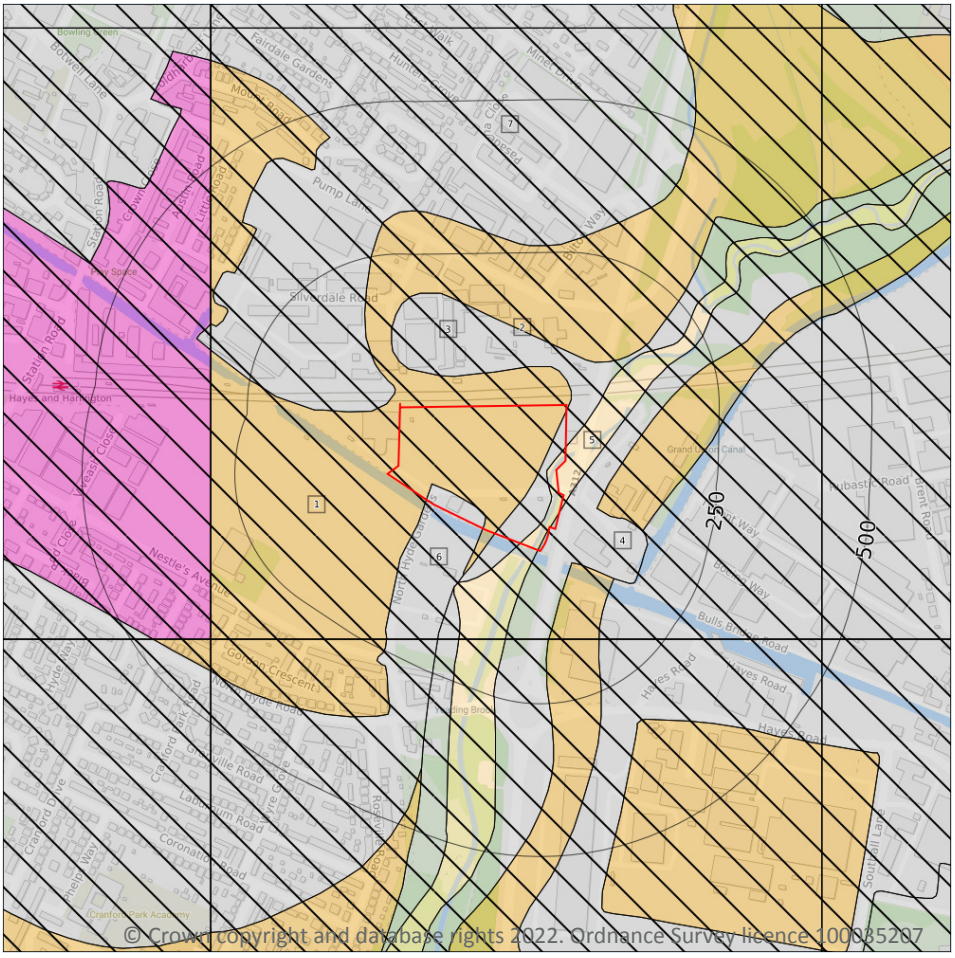
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 83**

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	289m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability

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

Bedrock vulnerability

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

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	6

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 84**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	**On site**	**Summary Classification: Principal superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: High 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, No Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: >90% Recharge potential: High**	**Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed**
4	**On site**	**Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: >90% Recharge potential: High**	**Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed**
5	**On site**	**Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High**	**Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed**
6	**On site**	**Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer**	**Leaching class: High 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**
7	20m NW	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High 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

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

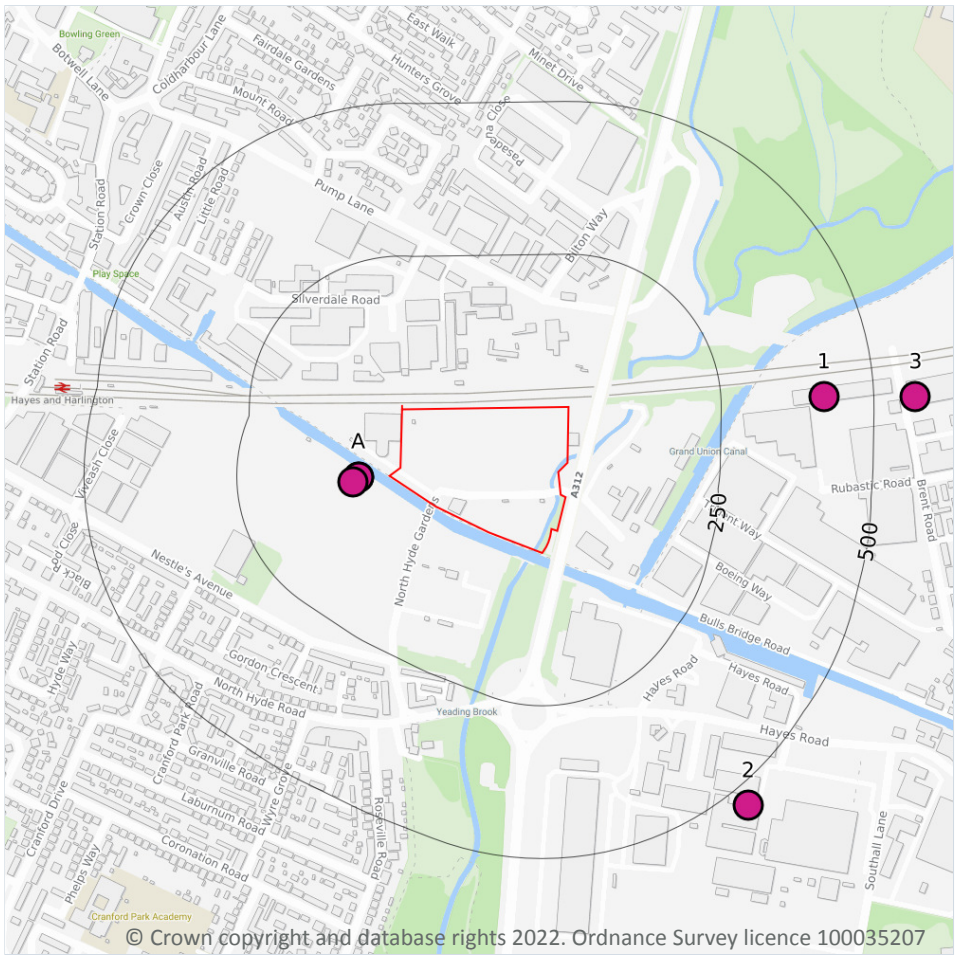
Records on site	1

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
- 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	7

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 87**

ID	Location	Details	
A	51m W	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	51m W	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: -
A	60m W	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: -
1	418m 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: -
2	533m SE	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: NPS/WR/015374 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	
3	568m 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: -
-	1550m SW	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: NPS/WR/027025 Original Start Date: 06/12/1994 Expiry Date: - Issue No: 103 Version Start Date: 23/01/2018 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m **1**

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 87**

ID	Location	Details	
-	1175m NW	Status: Historical 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: -

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

5.8 Potable abstractions

Records within 2000m	0

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

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

5.9 Source Protection Zones

Records within 500m	0

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

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

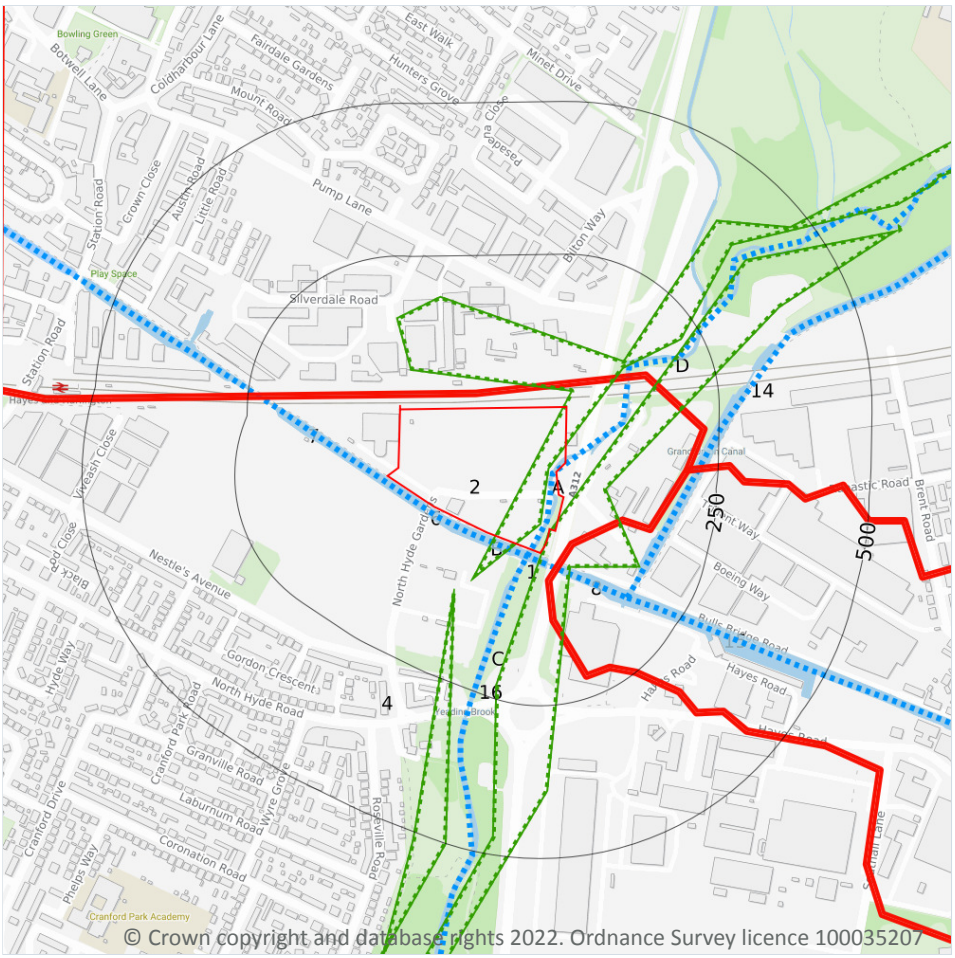
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

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

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

6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m	17

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

Features are displayed on the Hydrology map on **page 91**

ID	Location	Type of water feature	Ground level	Permanence	Name
1	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**Yeading Brook**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
A	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**Yeading Brook**
6	8m SW	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Grand Union Canal
B	8m SW	Canal. A manmade watercourse for inland navigation.	Suspended or elevated	Watercourse contains water year round (in normal circumstances)	Grand Union Canal
7	10m SW	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Grand Union Canal
8	21m SE	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Grand Union Canal
A	43m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	44m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Yeading Brook
A	102m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	102m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Yeading Brook
A	102m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Yeading Brook
D	111m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Yeading Brook
14	156m SE	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Grand Union Canal

ID	Location	Type of water feature	Ground level	Permanence	Name
15	160m SE	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Grand Union Canal
16	177m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Yeading Brook
C	177m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	**8**

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

Features are displayed on the Hydrology map on **page 91**

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 91**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
4	**On site**	**River**	**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	2

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 91**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
3	**On site**	**River**	**Crane**	**GB106039023030**	**Moderate**	**Fail**	**Moderate**	**2019**
A	10m SW	Canal	Grand Union Canal, Uxbridge to Hanwell Locks, Slough Arm, Padding	GB70610078	Moderate	Fail	Moderate	2019

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 91**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	**On site**	**Lower Thames Gravels**	**GB40603G000300**	**Poor**	**Good**	**Poor**	**2019**

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	7

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

Features are displayed on the River and coastal flooding map on **page 95**

Distance	Flood risk category
On site	**High**
0 - 50m	High

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

7.2 Historical Flood Events

Records within 250m	**0**

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

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

7.3 Flood Defences

Records within 250m	**0**

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m	**0**

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

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

7.5 Flood Storage Areas

Records within 250m	**0**

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

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

River and coastal flooding - Flood Zones

Site Outline

Search buffers in metres (m)

Flood zone 2

Flood zone 3

7.6 Flood Zone 2

Records within 50m	1

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

Features are displayed on the River and coastal flooding map on **page 95**

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

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

7.7 Flood Zone 3

Records within 50m	1

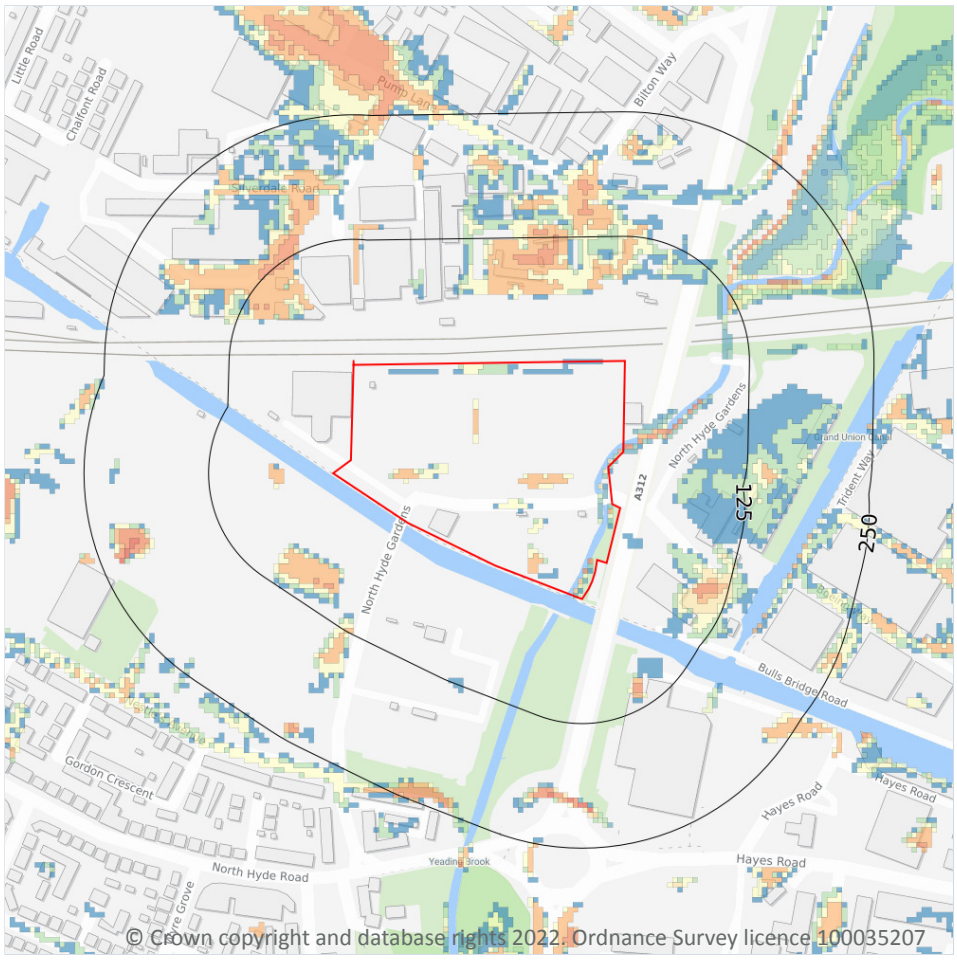
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 95**

Location	Type
On site	**Zone 3 - (Fluvial Models)**

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

8 Surface water flooding



Site Outline
Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**1 in 30 year, 0.3m - 1.0m**
Highest risk within 50m	**1 in 30 year, 0.3m - 1.0m**

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

Features are displayed on the Surface water flooding map on **page 99**

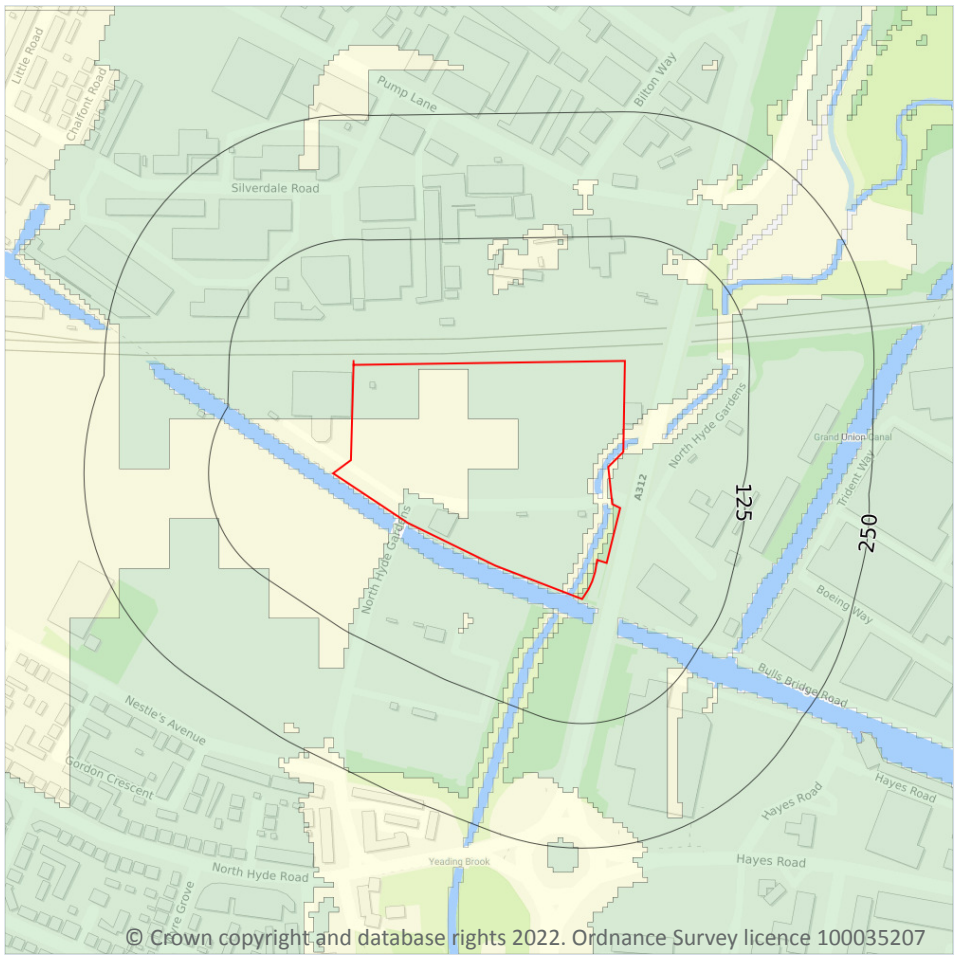
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on

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	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



Site Outline

Search buffers in metres (m)

High

Moderate - High

Moderate

Low

Negligible

9.1 Groundwater flooding

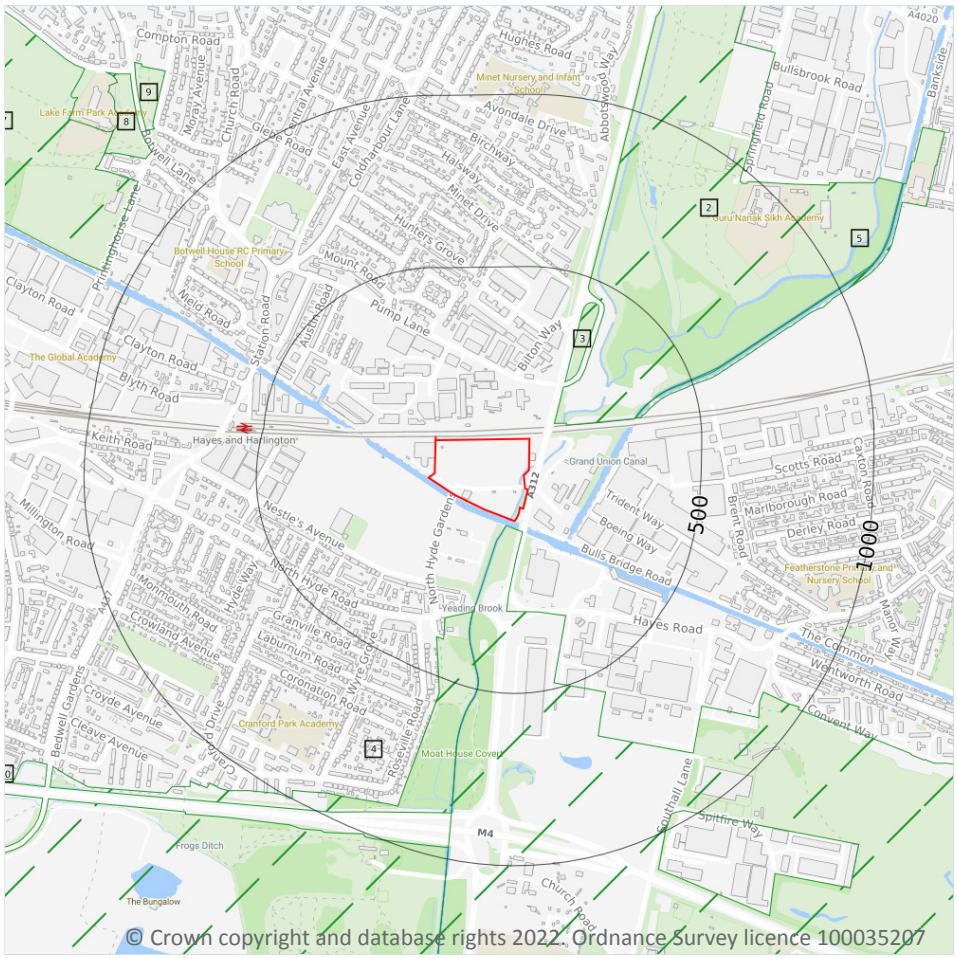
Highest risk on site	**Moderate**
Highest risk within 50m	**Moderate**

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 101**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



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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	15

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

Features are displayed on the Environmental designations map on **page 102**

ID	Location	Name	Local Authority name
1	21m S	London	Hounslow
2	85m NE	London	Hillingdon
3	195m NE	London	Hillingdon
4	289m S	London	Hillingdon
5	315m E	London	Ealing
6	967m S	London	Hillingdon
7	1080m NW	London	Hillingdon
8	1172m NW	London	Hillingdon
9	1218m NW	London	Hillingdon
10	1385m SW	London	Hillingdon
11	1456m SW	London	Hillingdon
-	1493m SW	London	Hillingdon
-	1682m NW	London	Hillingdon
-	1926m S	London	Hillingdon
-	1930m S	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 fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

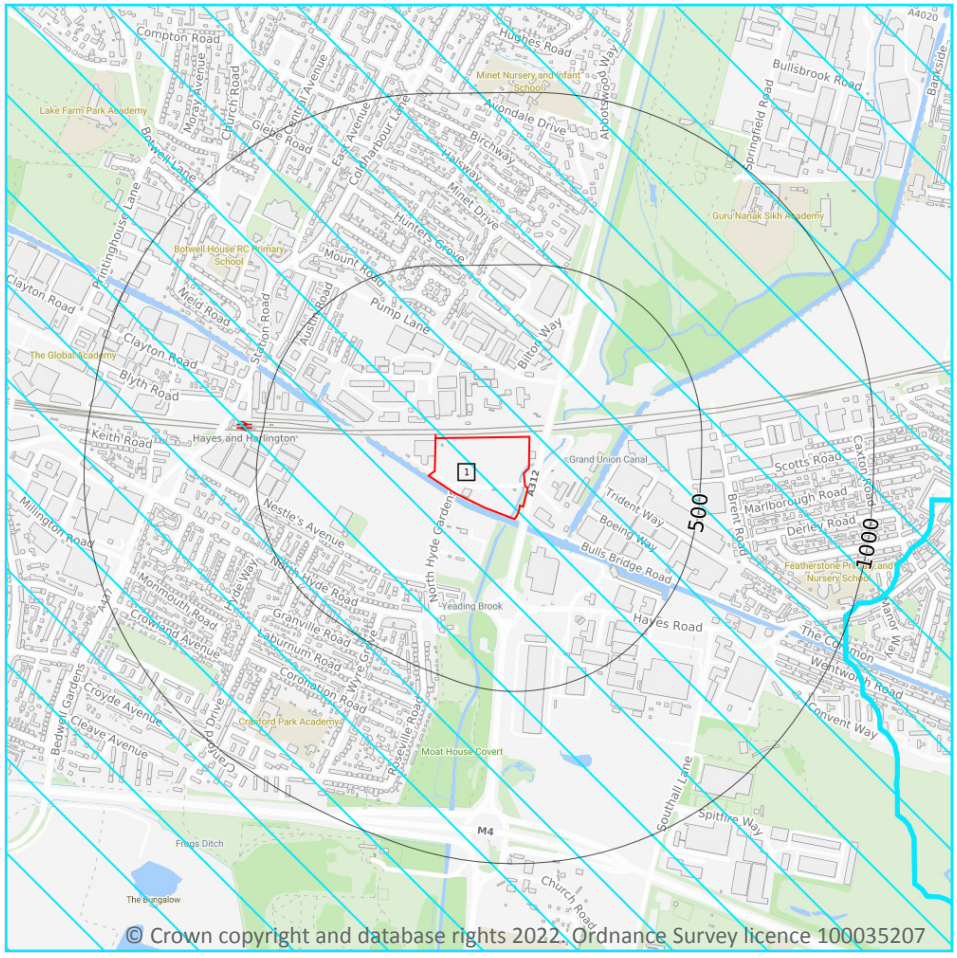
10.16 Nitrate Vulnerable Zones

Records within 2000m	0

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

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

SSSI Impact Zones and Units



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 108**

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 & digestate stores > 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.**

This data is sourced from Natural England.

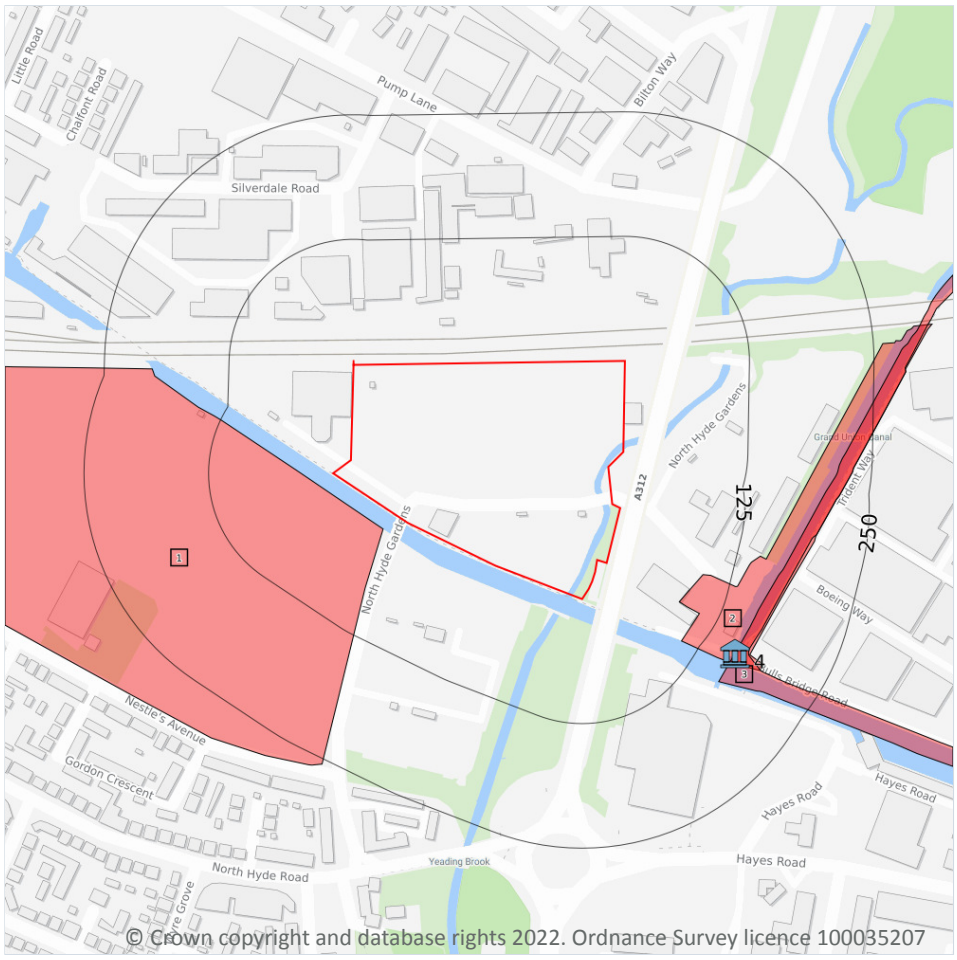
10.18 SSSI Units

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	1

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

Features are displayed on the Visual and cultural designations map on **page 110**

ID	Location	Name	Grade	Reference Number	Listed date
4	158m SE	Bull's Bridge Number 21 Over Grand Union Canal and Grand Union Canal (Paddington Branch) Junction, Southall Green, Ealing, London, UB2	II	1189553	19/01/1981

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

11.5 Conservation Areas

Records within 250m	3

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

Features are displayed on the Visual and cultural designations map on **page 110**

ID	Location	Name	District	Date of designation
1	18m SW	Botwell, Nestles	Hillingdon	19/06/1988
2	83m SE	Bulls Bridge	Hillingdon	1973
3	157m SE	Canalside	Ealing	1993

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.

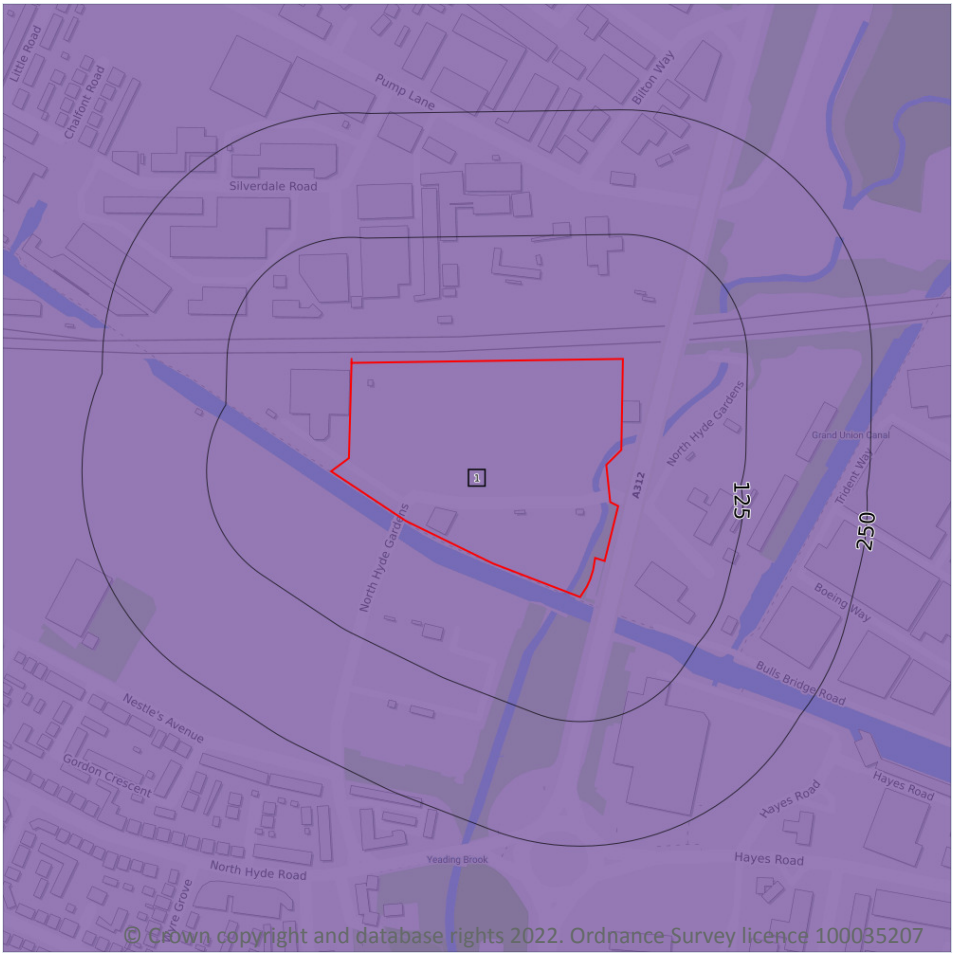
11.7 Registered Parks and Gardens

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



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 113**

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	10

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

Features are displayed on the Habitat designations map on **page 115**

ID	Location	Main Habitat	Other habitats
1	22m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	22m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	82m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	148m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
8	189m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	219m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	223m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	226m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	235m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	237m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	**0**

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	**4**

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 115**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
3	30m E	Former Power Station site	Low	BugLife All Of A Buzz Data	Environment Agency Historic Landfill Sites	UK Perspectives Aerial Photography
4	37m E	Former Power Station site	Low	BugLife All Of A Buzz Data	Environment Agency Historic Landfill Sites	UK Perspectives Aerial Photography
5	45m E	Former Power Station site	Low	BugLife All Of A Buzz Data	Environment Agency Historic Landfill Sites	UK Perspectives Aerial Photography

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
B	237m NE	Yeading Brook	Medium	BugLife All Of A Buzz Data	Environment Agency Historic Landfill Sites	UK Perspectives Aerial Photography

This data is sourced from Natural England.

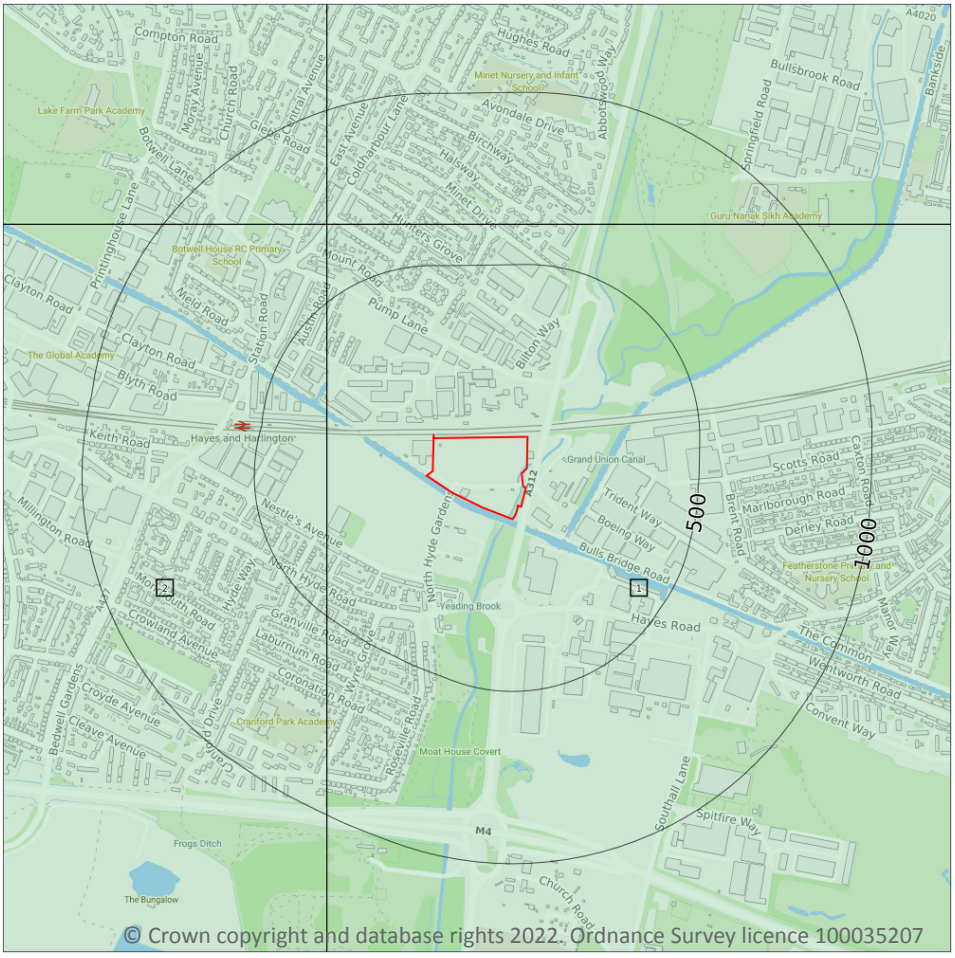
13.4 Limestone Pavement Orders

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

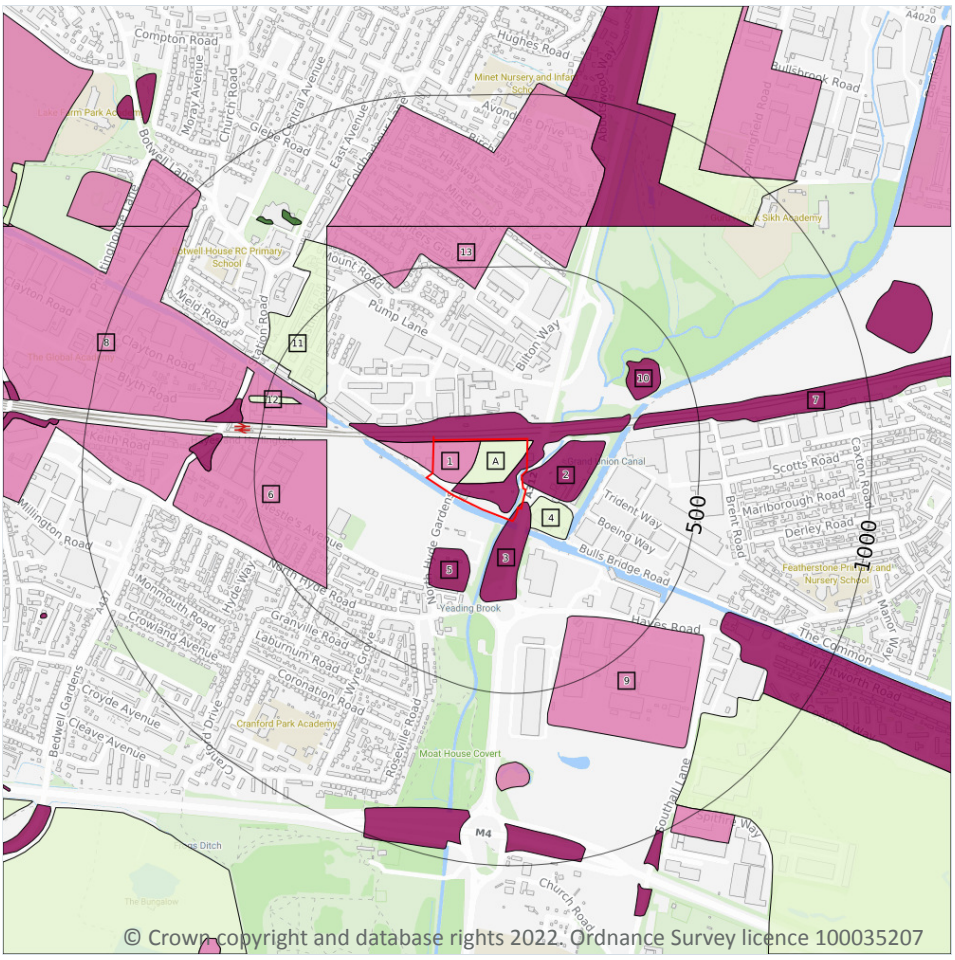
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 118**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**No coverage**	**TQ17NW**
2	289m W	Full	Full	Full	No coverage	TQ07NE

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	15

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.

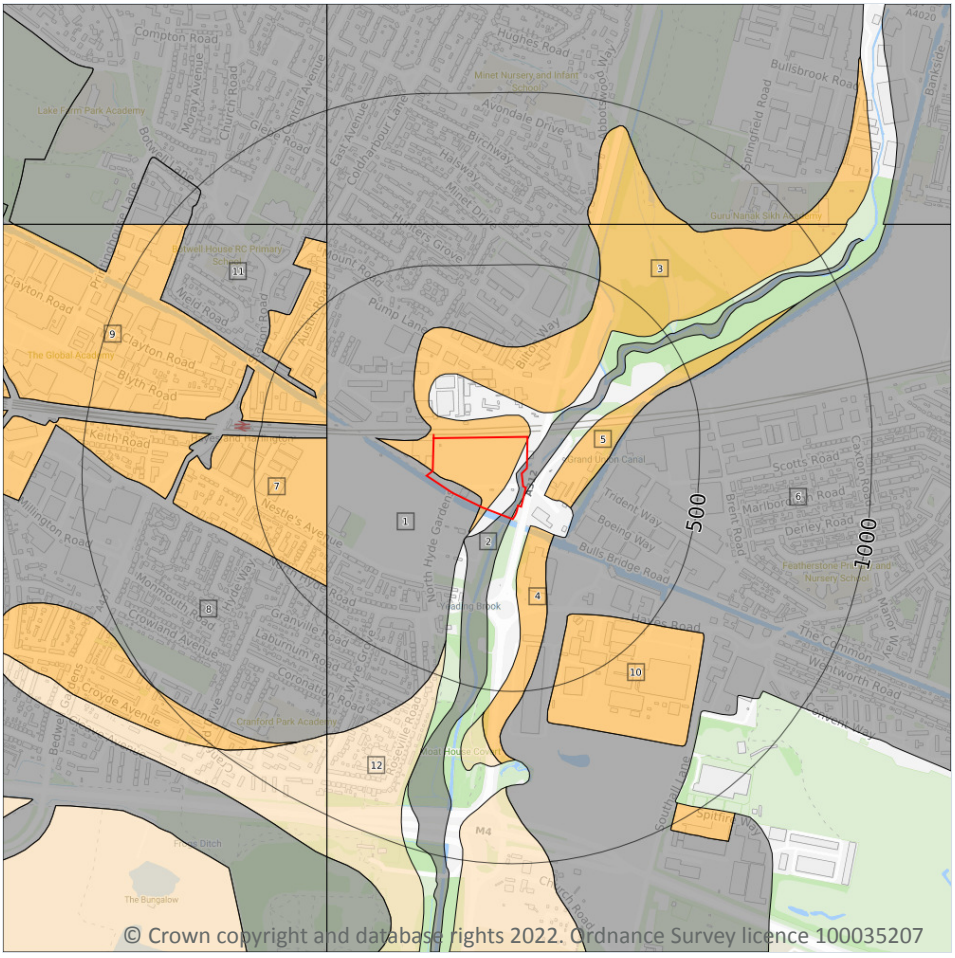
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 119**

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-UKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
2	On site	MGR-UKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
3	On site	MGR-UKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
A	On site	WMGR-UKNOWN	Infilled Ground	Unknown/unclassified Entry

ID	Location	LEX Code	Description	Rock description
A	**On site**	**MGR-UKNOWN**	**Made Ground (Undivided)**	**Unknown/unclassified Entry**
4	24m E	WMGR-UKNOWN	Infilled Ground	Unknown/unclassified Entry
5	131m SW	MGR-UKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
6	289m W	WGR-UKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
7	309m E	MGR-UKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
8	312m W	WGR-UKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
9	322m SE	WGR-UKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
10	327m NE	MGR-UKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
11	338m NW	WMGR-UKNOWN	Infilled Ground	Unknown/unclassified Entry
12	400m W	WMGR-UKNOWN	Infilled Ground	Unknown/unclassified Entry
13	437m N	WGR-UKNOWN	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 **12**

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 121**

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

ID	Location	LEX Code	Description	Rock description
4	54m SE	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel
5	58m E	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel
6	126m SE	LASI-Z	Langley Silt Member - Silt (unlithified Deposits Coding Scheme)	Silt
7	289m W	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel
8	309m W	LASI-Z	Langley Silt Member - Silt (unlithified Deposits Coding Scheme)	Silt
9	312m W	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel
10	322m SE	LHGR-XSV	Lynch Hill Gravel Member - Sand And Gravel	Sand And Gravel
11	360m W	LASI-Z	Langley Silt Member - Silt (unlithified Deposits Coding Scheme)	Silt
12	401m S	TPGR-XSV	Taplow Gravel Formation - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

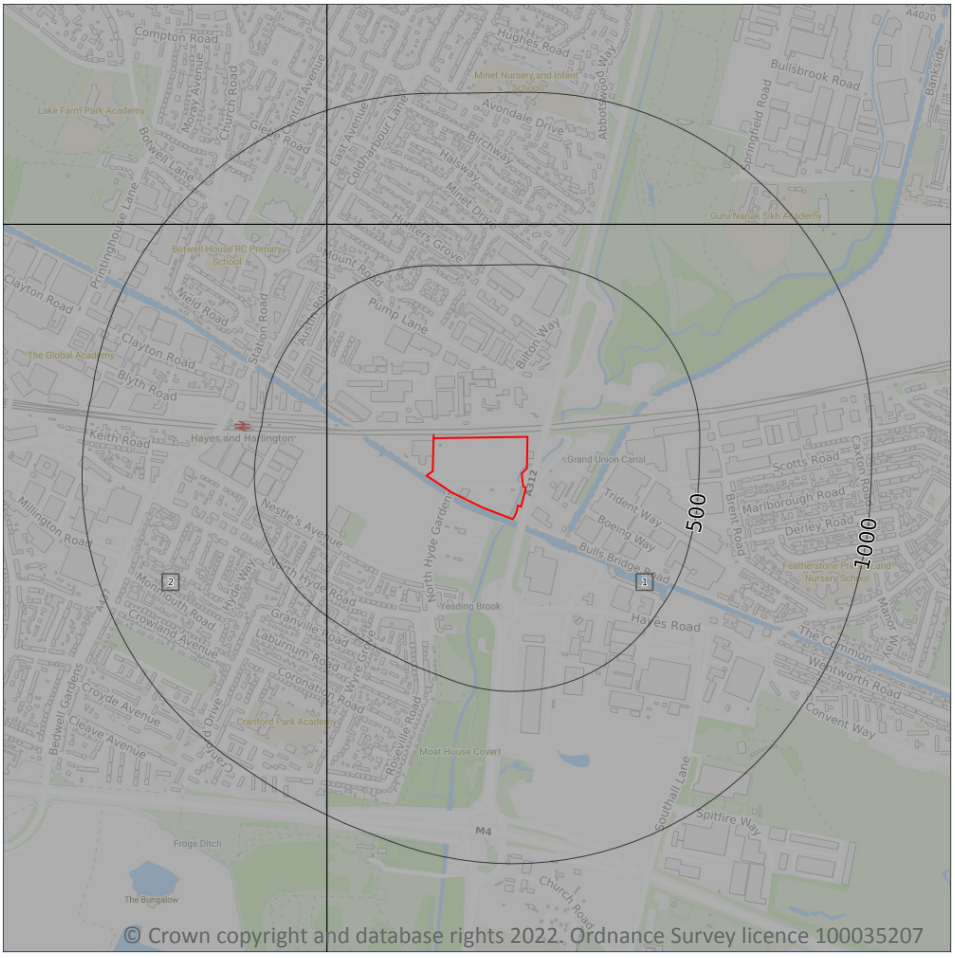
14.4 Landslip (10k)

Records within 500m	**0**

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

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

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

14.5 Bedrock geology (10k)

Records within 500m **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 123**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**LC-CLAY**	**London Clay Formation - Clay**	**Eocene Epoch**
2	289m W	LC-CLAY	London Clay Formation - Clay	Eocene Epoch

This data is sourced from the British Geological Survey.

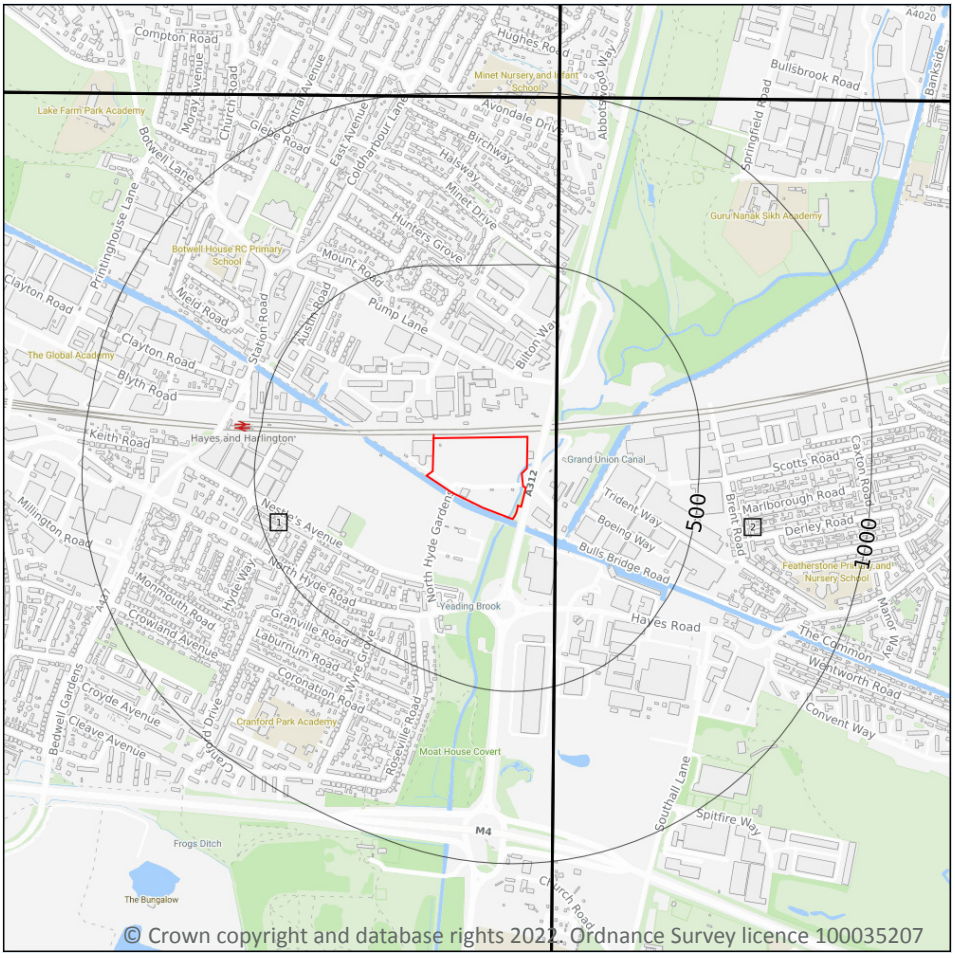
14.6 Bedrock faults and other linear features (10k)

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	2

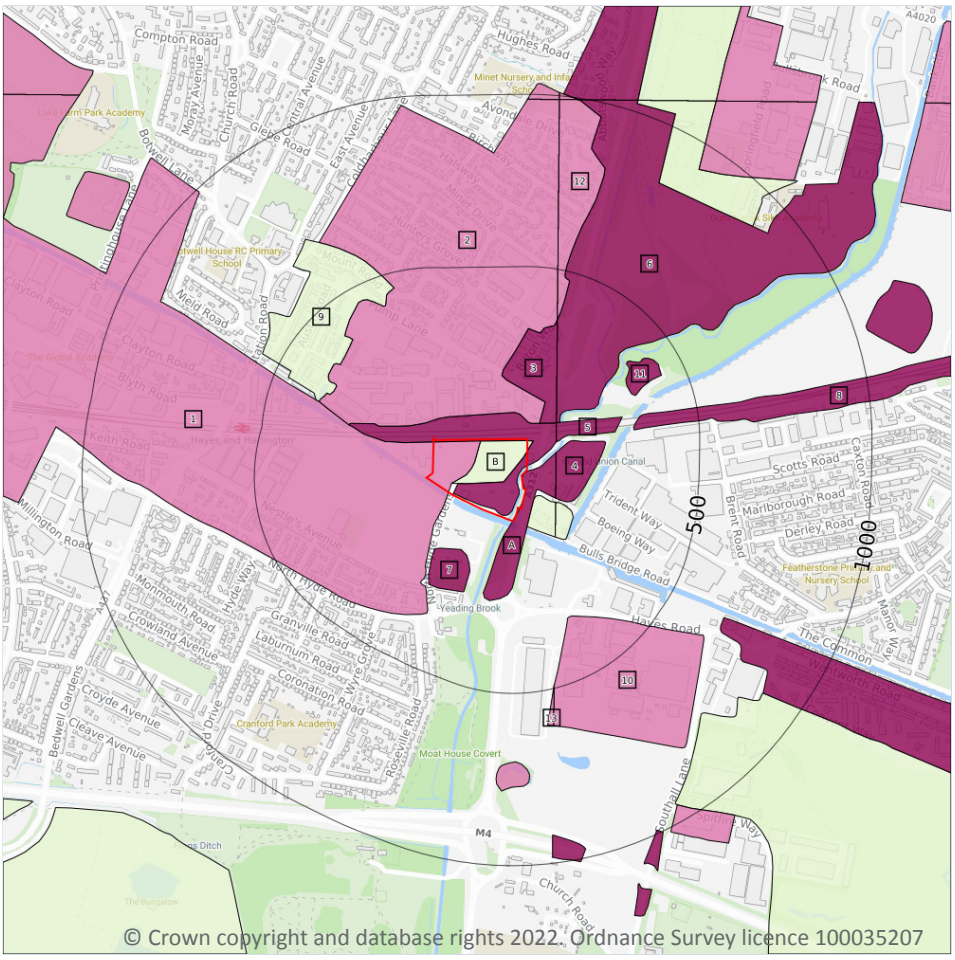
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 125**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW269_windsor_v4**
2	84m E	Full	Full	Full	Full	EW270_south_london_v4

This data is sourced from the British Geological Survey.

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



15.2 Artificial and made ground (50k)

Records within 500m **18**

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 126**

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
A	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
B	On site	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
B	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

ID	Location	LEX Code	Description	Rock description
A	29m E	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
2	47m N	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
3	57m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
4	84m E	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
5	84m E	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
A	93m E	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
6	96m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
7	131m SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
8	310m E	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
9	322m NW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
10	323m SE	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
11	327m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
12	357m N	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
13	494m S	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

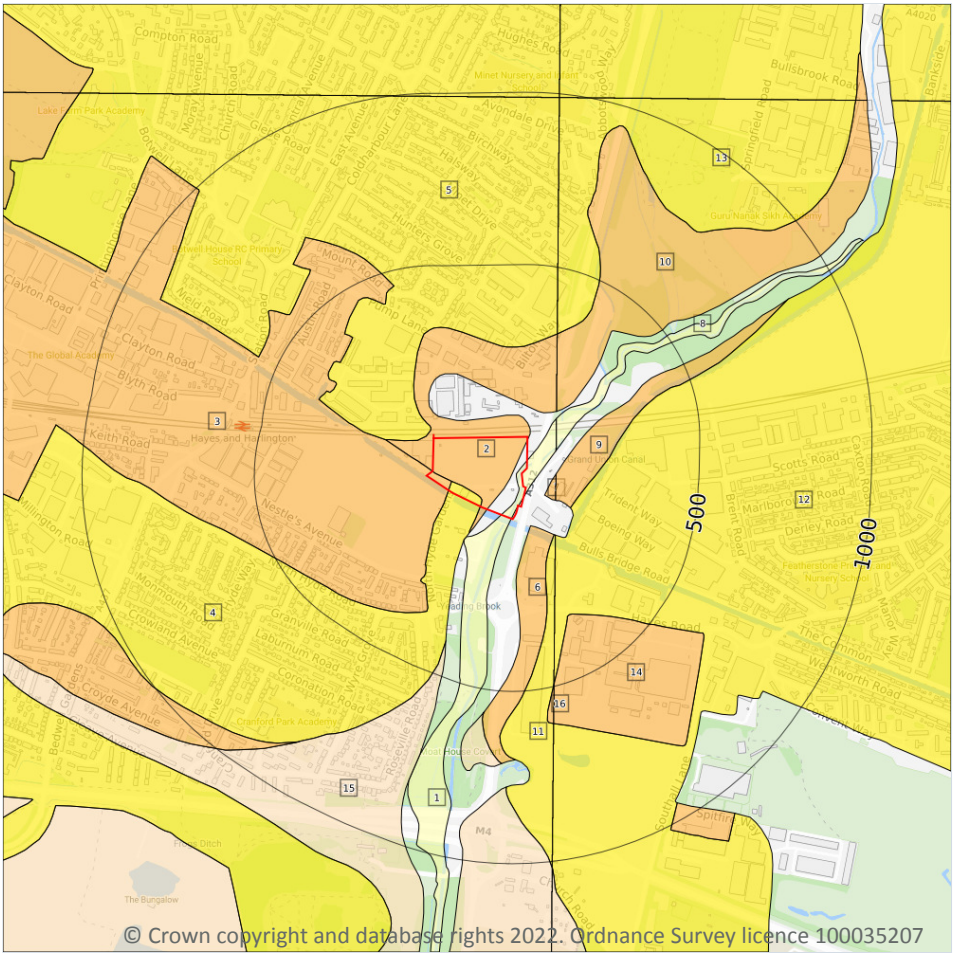
Records within 50m **4**

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).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**Very High**	**Low**
On site	**Mixed**	**Very High**	**Low**
On site	**Mixed**	**Very High**	**Low**
29m SE	Mixed	Very High	Low

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 **16**

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 128**

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
2	On site	LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
3	On site	LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
4	On site	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT

ID	Location	LEX Code	Description	Rock description
5	20m NW	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT
6	54m SE	LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
7	58m E	LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
8	83m E	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
9	86m E	LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
10	112m NE	LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
11	126m SE	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT
12	129m SE	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT
13	311m N	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT
14	323m SE	LHGR-XSV	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
15	401m S	TPGR-XSV	TAPLOW GRAVEL MEMBER	SAND AND GRAVEL
16	494m S	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	**4**

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	**Intergranular**	**High**	**Very Low**
On site	**Mixed**	**Low**	**Very Low**
20m N	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.

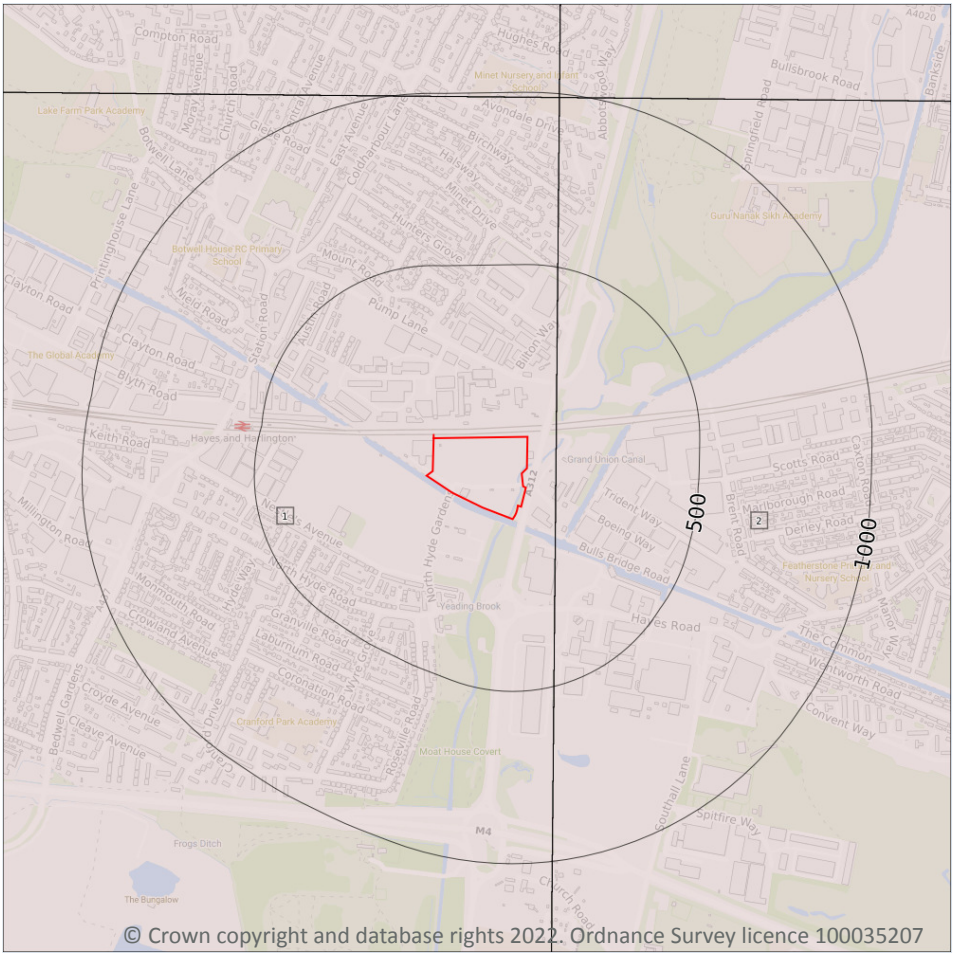
15.7 Landslip permeability (50k)

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 **2**

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 131**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**LC-XCZS**	**LONDON CLAY FORMATION - CLAY, SILT AND SAND**	**YPRESIAN**
2	83m E	LC-XCZ	LONDON CLAY FORMATION - CLAY AND SILT	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.

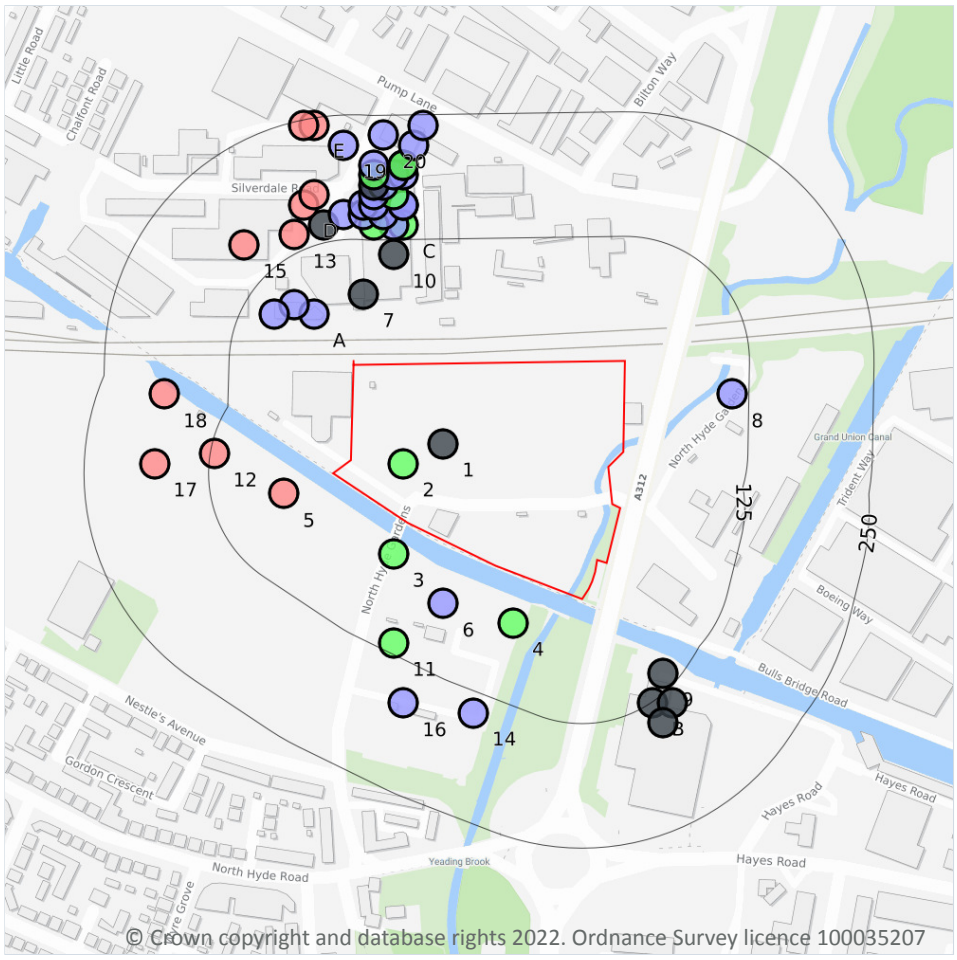
15.10 Bedrock faults and other linear features (50k)

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



16.1 BGS Boreholes

Records within 250m	53

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 133**

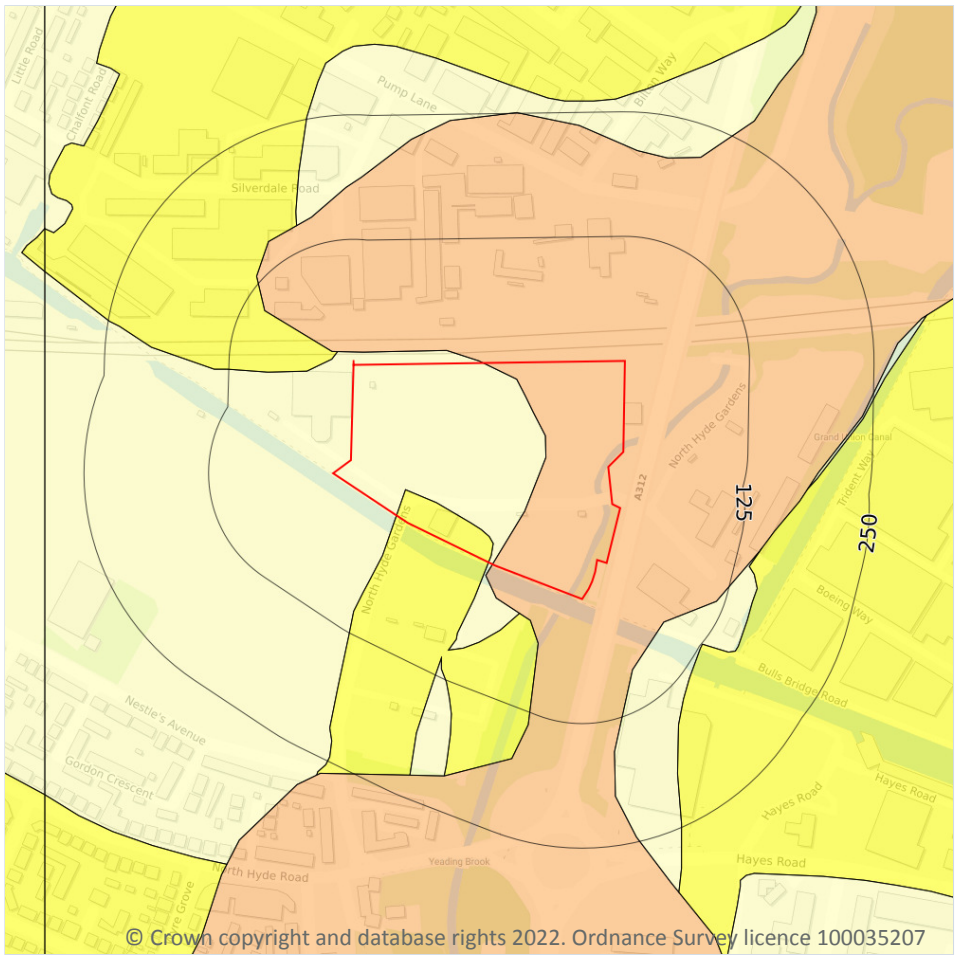
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	510400 179300	BULLS BRIDGE 1	-	Y	N/A
2	On site	510360 179280	BULLS BRIDGE BH1-5	19.45	N	580415

ID	Location	Grid reference	Name	Length	Confidential	Web link
3	34m SW	510350 179190	NORTH HYDE ROAD 3	10.06	N	580335
4	48m S	510470 179120	NORTH HYDE ROAD 4	13.56	N	580336
5	53m SW	510240 179250	NESTLES AVENUE HAYES	152.4	N	580433
6	57m SW	510400 179140	NORTH HYDE ROAD 5	9.14	N	580337
A	64m NW	510270 179430	SILVERDALE ROAD HAYES 1	7.0	N	15949600
7	71m N	510320 179450	PUMP LANE HAYES 2	-	Y	N/A
A	85m NW	510250 179440	SILVERDALE ROAD HAYES 2	7.0	N	15949602
A	94m NW	510230 179430	SILVERDALE ROAD HAYES 3	7.0	N	15949603
8	108m E	510690 179350	NEAR GRAND JUNCTION CANAL, HAYES	-2.0	N	580514
9	110m SE	510620 179070	BULLS BRIDGE REPAIR YARD 4	-	Y	N/A
10	110m N	510350 179490	PUMP LANE HAYES 1	-	Y	N/A
11	115m SW	510350 179100	NORTH HYDE ROAD 2	13.56	N	580334
12	121m W	510170 179290	NESTLES AVENUE HAYES	152.4	N	580432
B	126m SE	510610 179040	BULLS BRIDGE REPAIR YARD 2	-	Y	N/A
B	138m SE	510630 179040	BULLS BRIDGE REPAIR YARD 3	-	Y	N/A
C	140m N	510360 179520	PUMP LANE HAYES E	20.5	N	18471086
C	140m N	510350 179520	PUMP LANE HAYES O1327	3.2	N	18471080
C	140m N	510330 179520	PUMP LANE HAYES D	14.5	N	18471085
13	143m NW	510250 179510	SILVERDALE ROAD HAYES	153.31	N	580450
C	143m N	510280 179520	PUMP LANE HAYES 3	-	Y	N/A
14	146m S	510430 179030	NORTH HYDE ROAD 6	8.23	N	580338
B	148m SE	510620 179020	BULLS BRIDGE REPAIR YARD 1	-	Y	N/A
C	150m N	510300 179530	PUMP LANE HAYES O1322	6.5	N	18471072
C	150m N	510320 179530	PUMP LANE HAYES 5	1.5	N	18471106
C	150m N	510340 179530	PUMP LANE HAYES 4	1.0	N	18471105
C	160m N	510320 179540	PUMP LANE HAYES O1326	3.1	N	18471079
C	160m N	510360 179540	PUMP LANE HAYES TP2	3.0	N	18471088
C	160m N	510360 179540	PUMP LANE HAYES 3	1.0	N	18471104

ID	Location	Grid reference	Name	Length	Confidential	Web link
C	160m N	510330 179540	PUMP LANE HAYES TP3	2.7	N	18471099
15	163m NW	510200 179500	SILVERDALE ROAD HAYES	152.4	N	580447
16	164m SW	510360 179040	NORTH HYDE ROAD 1	9.63	N	580333
D	167m N	510260 179540	SILVERDALE ROAD HAYES	152.4	N	580449
C	170m N	510350 179550	PUMP LANE HAYES C	13.5	N	18471084
C	170m N	510330 179550	PUMP LANE HAYES TP4	3.0	N	18471100
D	174m N	510270 179550	SILVERDALE ROAD HAYES	152.4	N	580448
17	180m W	510110 179280	NESTLES AVENUE HAYES	121.92	N	580431
C	180m N	510340 179560	PUMP LANE HAYES 2	0.7	N	18471103
C	180m N	510330 179560	PUMP LANE HAYES 4	-	Y	N/A
18	187m NW	510120 179350	NESTLE FACTORY, HAYES	165.0	N	13331587
C	190m N	510360 179570	PUMP LANE HAYES 1	1.0	N	18471101
C	190m N	510350 179570	PUMP LANE HAYES TP1	3.0	N	18471087
C	190m N	510330 179570	PUMP LANE HAYES A	23.5	N	18471082
C	200m N	510360 179580	PUMP LANE HAYES 5	-	Y	N/A
C	200m N	510360 179580	PUMP LANE HAYES B	15.0	N	18471083
C	200m N	510330 179580	PUMP LANE HAYES O1325	3.5	N	18471077
C	220m N	510370 179600	PUMP LANE HAYES O1324	3.5	N	18471075
19	220m N	510300 179600	CALLARD AND BOWSER, SILVERDALE ROAD, HAYES	-2.0	N	580545
20	230m N	510340 179610	PUMP LANE HAYES O1323	3.5	N	18471074
C	240m N	510380 179620	PUMP LANE HAYES O1321	7.5	N	18471068
E	243m N	510270 179620	CALLARD & BOWSER HAYES	182.88	N	580445
E	245m N	510260 179620	CALLARD & BOWSER HAYES	167.64	N	580444

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m	4

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).

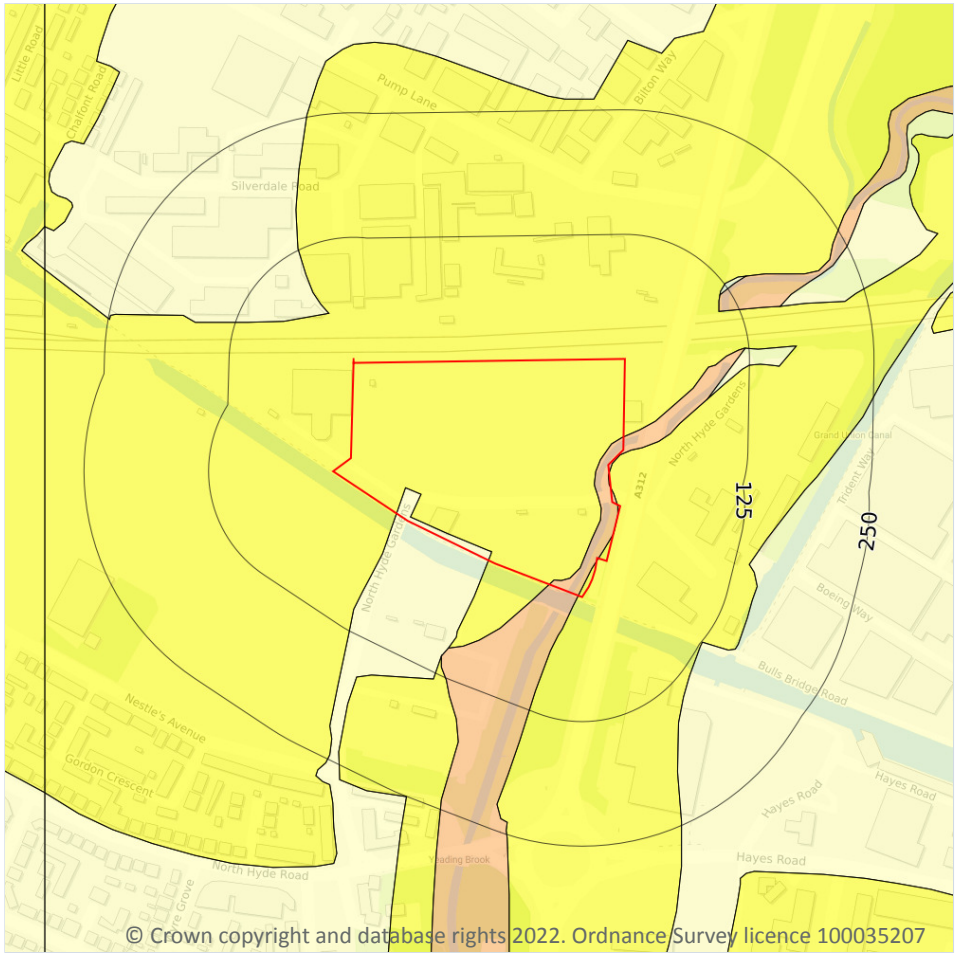
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 136**

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

Location	Hazard rating	Details
20m NW	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	3

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.

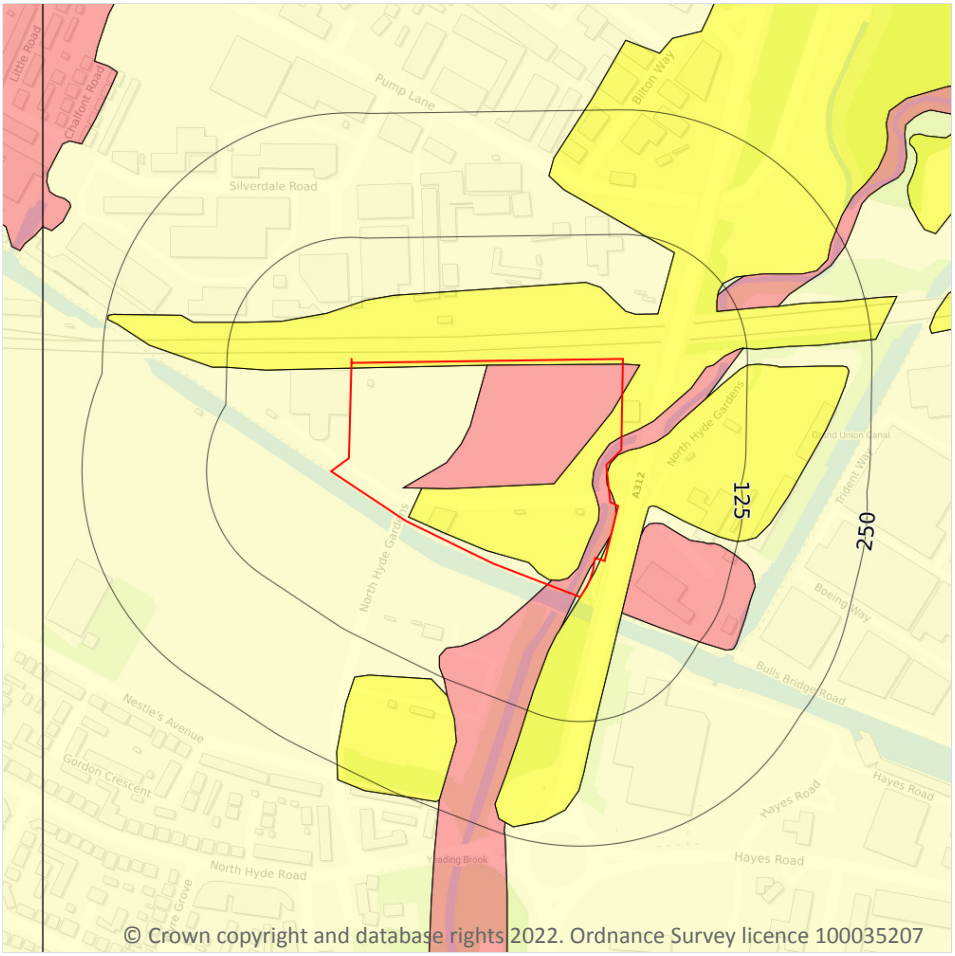
Features are displayed on the Natural ground subsidence - Running sands map on **page 138**

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.**
On site	**Low**	**Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.**

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	4

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.

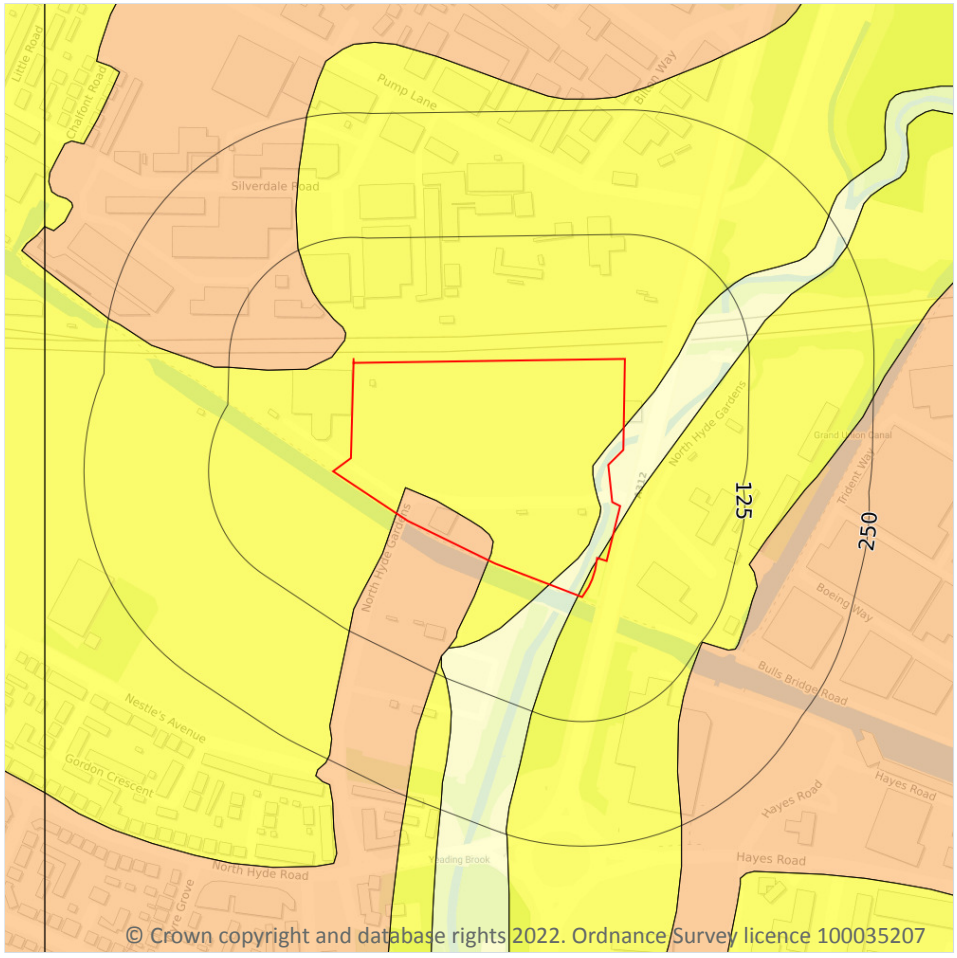
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 140**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
On site	**Very low**	**Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.**

Location	Hazard rating	Details
On site	**Moderate**	**Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.**
29m E	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

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

17.4 Collapsible deposits

Records within 50m	4

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.

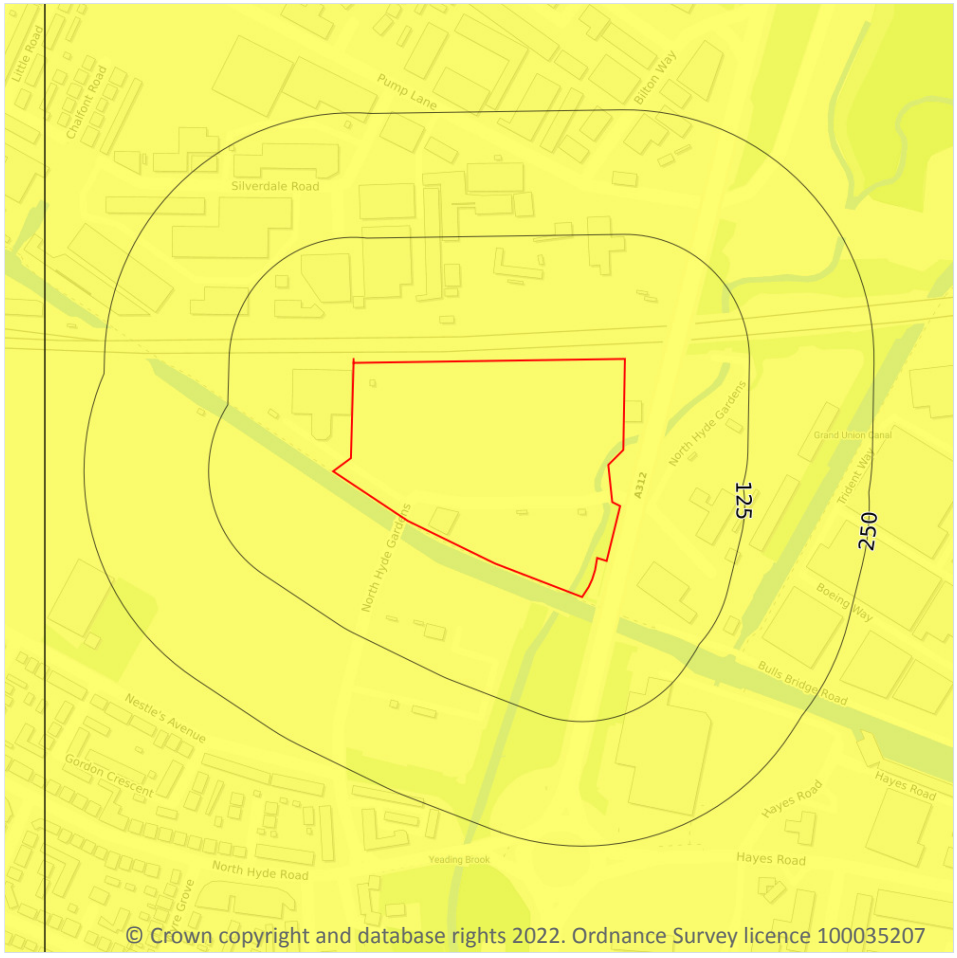
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 142**

Location	Hazard rating	Details
On site	**Negligible**	**Deposits with potential to collapse when loaded and saturated are believed not to be present.**
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.**

Location	Hazard rating	Details
20m NW	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 144**

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

Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	1

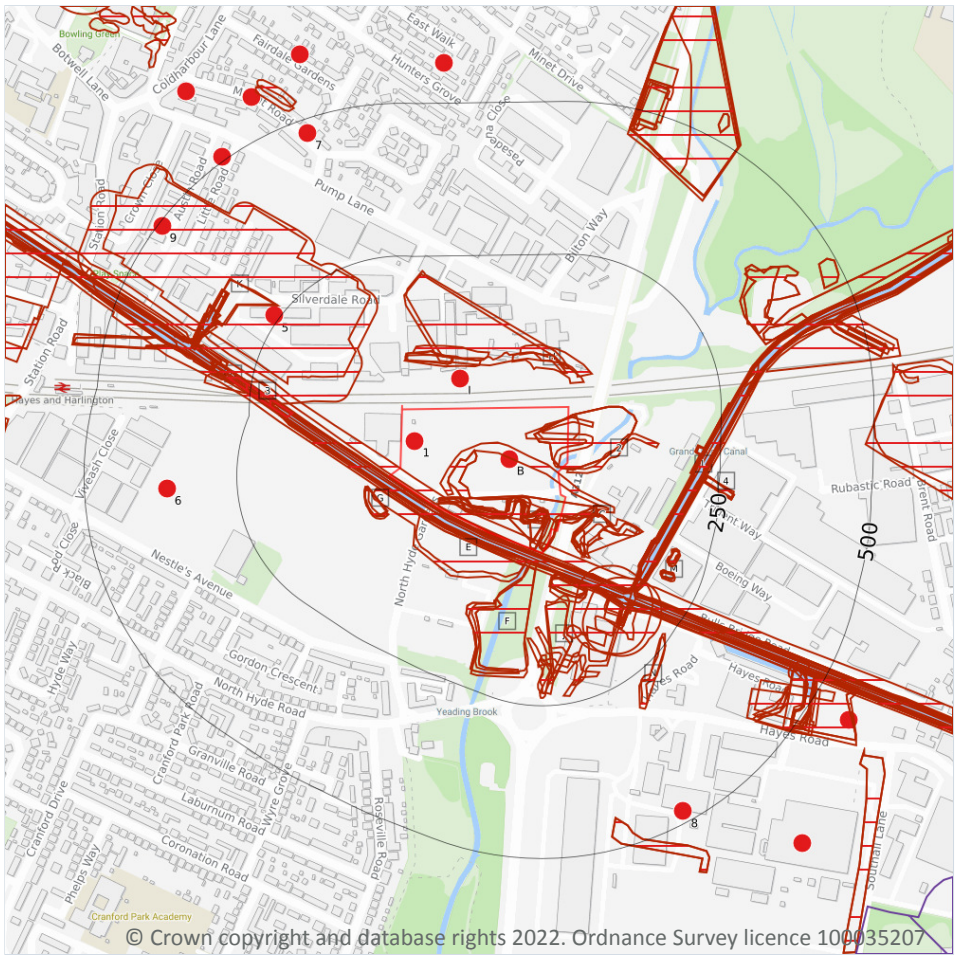
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 145**

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



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	**8**

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 147**

ID	Location	Details	Description
1	**On site**	**Name: Bulls Bridge Brick Field Address: 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**
B	**On site**	**Name: Bulls Bridge Brick Field Address: 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**
I	49m N	Name: Hayes Aggregate Terminal Address: Hayes, HOUNSLOW, Middlesex Commodity: Crushed Rock Status: Active	Type: A site where mineral commodities are unloaded from rail trucks and stored Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals
5	259m NW	Name: Botwell Brick Field Address: 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	364m W	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

ID	Location	Details	Description
7	476m N	Name: Botwell Brick Field Address: 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
8	481m SE	Name: St Mary's Brickfield Address: North Hyde, HOUNSLOW, 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
9	494m NW	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 **104**

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 147**

ID	Location	Land Use	Year of mapping	Mapping scale
A	**On site**	**Unspecified Heap**	**1966**	**1:10560**
A	**On site**	**Unspecified Heap**	**1959**	**1:10560**
A	**On site**	**Pond**	**1966**	**1:10560**
A	**On site**	**Unspecified Ground Workings**	**1938**	**1:10560**
A	**On site**	**Unspecified Ground Workings**	**1938**	**1:10560**
A	**On site**	**Cuttings**	**1913**	**1:10560**
A	**On site**	**Pond**	**1974**	**1:10000**

ID	Location	Land Use	Year of mapping	Mapping scale
A	**On site**	**Unspecified Heap**	**1920**	**1:10560**
A	**On site**	**Unspecified Ground Workings**	**1913**	**1:10560**
A	**On site**	**Unspecified Ground Workings**	**1994**	**1:10000**
A	**On site**	**Unspecified Ground Workings**	**1985**	**1:10000**
A	**On site**	**Unspecified Heap**	**1974**	**1:10000**
A	**On site**	**Unspecified Ground Workings**	**1935**	**1:10560**
B	**On site**	**Unspecified Ground Workings**	**1966**	**1:10560**
B	**On site**	**Unspecified Pit**	**1994**	**1:10000**
B	**On site**	**Unspecified Ground Workings**	**1985**	**1:10000**
B	**On site**	**Unspecified Ground Workings**	**1974**	**1:10000**
B	**On site**	**Unspecified Ground Workings**	**1974**	**1:10000**
B	**On site**	**Canal**	**1882**	**1:10560**
B	**On site**	**Unspecified Ground Workings**	**1935**	**1:10560**
C	**On site**	**Unspecified Ground Workings**	**1935**	**1:10560**
B	1m SW	Canal	1938	1:10560
D	2m SW	Canal	1865	1:10560
D	3m SW	Canal	1897	1:10560
A	3m SW	Canal	1913	1:10560
A	3m SW	Canal	1938	1:10560
A	3m SW	Canal	1935	1:10560
D	3m SW	Canal	1894	1:10560
C	3m SW	Canal	1966	1:10560
C	3m SW	Canal	1994	1:10000
C	3m SW	Canal	1985	1:10000
C	3m SW	Canal	1974	1:10000
C	4m E	Unspecified Ground Workings	1913	1:10560
2	8m SE	Unspecified Ground Workings	1935	1:10560
C	8m SW	Canal	1959	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
B	9m SW	Canal	1920	1:10560
E	18m SW	Unspecified Pit	1913	1:10560
F	20m S	Unspecified Heap	1913	1:10560
C	27m E	Unspecified Ground Workings	1994	1:10000
E	27m SW	Unspecified Heap	1920	1:10560
C	28m E	Pond	1966	1:10560
C	28m E	Pond	1985	1:10000
C	28m E	Pond	1974	1:10000
C	28m E	Unspecified Ground Workings	1938	1:10560
C	28m E	Unspecified Ground Workings	1938	1:10560
F	29m S	Unspecified Heap	1920	1:10560
C	29m SE	Unspecified Pit	1938	1:10560
G	39m SW	Unspecified Heap	1938	1:10560
G	39m SW	Unspecified Heap	1938	1:10560
H	39m N	Pond	1865	1:10560
G	40m SW	Unspecified Heap	1938	1:10560
G	41m SW	Unspecified Ground Workings	1935	1:10560
C	41m SE	Unspecified Heap	1938	1:10560
C	41m SE	Unspecified Heap	1938	1:10560
C	42m SE	Unspecified Pit	1913	1:10560
C	43m SE	Unspecified Heap	1959	1:10560
C	45m SE	Unspecified Heap	1935	1:10560
C	46m S	Unspecified Heap	1920	1:10560
H	52m N	Pond	1882	1:10560
I	55m N	Unspecified Pit	1920	1:10560
I	63m N	Unspecified Pit	1913	1:10560
I	69m N	Pond	1865	1:10560
I	73m N	Pond	1894	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
I	73m N	Pond	1897	1:10560
J	78m SE	Unspecified Pit	1913	1:10560
J	79m SE	Unspecified Wharf	1938	1:10560
I	81m N	Pond	1882	1:10560
J	85m S	Unspecified Ground Workings	1920	1:10560
K	90m NW	Brick Field	1865	1:10560
F	98m S	Unspecified Ground Workings	1966	1:10560
F	98m S	Unspecified Ground Workings	1959	1:10560
J	106m SE	Unspecified Wharf	1959	1:10560
J	107m SE	Unspecified Wharf	1938	1:10560
J	107m SE	Unspecified Wharf	1938	1:10560
K	110m NW	Brick Field	1882	1:10560
J	121m S	Unspecified Ground Workings	1882	1:10560
J	128m S	Ponds	1865	1:10560
J	131m SE	Unspecified Wharf	1935	1:10560
J	136m SE	Pond	1882	1:10560
J	141m S	Unspecified Ground Workings	1865	1:10560
L	144m SE	Canal	1897	1:10560
L	145m E	Canal	1865	1:10560
L	146m E	Canal	1966	1:10560
L	146m E	Canal	1994	1:10000
L	146m E	Canal	1985	1:10000
L	146m E	Canal	1974	1:10000
L	147m SE	Canal	1913	1:10560
L	147m SE	Canal	1894	1:10560
L	147m SE	Canal	1938	1:10560
L	148m SE	Canal	1959	1:10560
L	150m SE	Canal	1935	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
J	167m S	Pond	1913	1:10560
J	175m S	Ponds	1920	1:10560
M	182m E	Filter Beds	1938	1:10560
M	182m E	Filter Beds	1938	1:10560
M	184m E	Filter Beds	1938	1:10560
M	186m E	Filter Beds	1935	1:10560
M	186m E	Filter Beds	1938	1:10560
M	186m E	Filter Beds	1938	1:10560
M	187m E	Filter Beds	1938	1:10560
M	189m E	Filter Beds	1935	1:10560
4	227m E	Pond	1913	1:10560
N	238m SE	Unspecified Ground Workings	1913	1:10560
N	238m SE	Unspecified Ground Workings	1920	1:10560

This is 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 147**

ID	Location	Land Use	Year of mapping	Mapping scale
3	179m W	Tunnel	1994	1:10000

This is 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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.13 Clay mining

Records on site	0

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

Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

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 156**

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 **11**

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 km^2. 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 km^2; 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**
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**
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**
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**
8m S	No data	No data	No data	No data	No data	No data	No data
20m NW	No data	No data	No data	No data	No data	No data	No data
49m N	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 **20**

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 km^2).

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	**16**	**2.8**	**168**	**115**	**1.3**	**68**	**89**	**36**	**17**
On site	**16**	**2.8**	**182**	**125**	**1.6**	**76**	**100**	**45**	**23**
On site	**17**	**3**	**226**	**155**	**2.4**	**85**	**146**	**65**	**41**
On site	**17**	**3**	**195**	**134**	**1.4**	**67**	**120**	**41**	**22**
On site	**17**	**3**	**197**	**135**	**1.4**	**68**	**124**	**41**	**22**
On site	**17**	**3**	**224**	**154**	**1.8**	**76**	**135**	**52**	**32**
On site	**17**	**3**	**232**	**159**	**2.3**	**82**	**144**	**62**	**40**
On site	**17**	**3**	**203**	**139**	**1.9**	**78**	**121**	**52**	**30**
On site	**17**	**3**	**228**	**157**	**2.4**	**84**	**146**	**65**	**41**
3m SW	17	3	202	139	2	81	119	54	31
8m W	17	3	233	160	2.3	82	142	61	40
17m NE	17	3	213	146	1.2	67	120	39	23
18m N	17	3	222	153	1.4	72	121	45	28
18m E	18	3.2	195	134	1.1	59	126	35	17
19m NW	17	3	228	157	1.7	75	124	50	32
19m E	18	3.2	195	134	1.1	57	125	34	17
22m NW	17	3	234	161	1.8	76	113	49	33
24m NE	17	3	204	140	1	63	123	36	20
30m SE	17	3	174	120	1.1	59	99	32	15
44m S	15	2.6	141	97	1.1	70	65	31	13

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

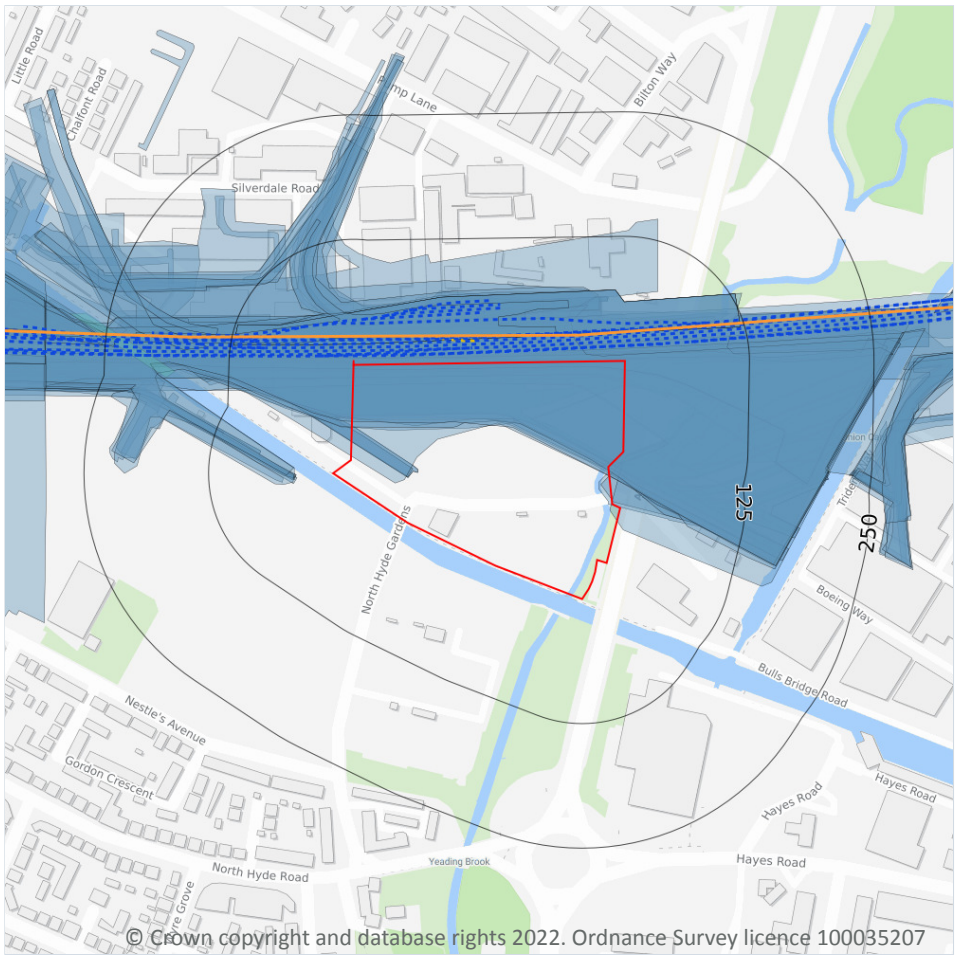
Records within 50m	1

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 km^2.

Location	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Tin (mg/kg)	Sample Type
On site	**17.2**	**2.5**	**85.4**	**150.4**	**66.7**	**230.3**	**42.9**	**Topsoil**

This data is sourced from the British Geological Survey.

21 Railway infrastructure and projects



Site Outline

Search buffers in metres (m)

- Crossrail 1 Stations
- Crossrail 1 Route
- Crossrail 1 Worksites
- Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

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	65

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 160**

Location	Land Use	Year of mapping	Mapping scale
On site	**Railway Sidings**	**1963**	**1250**
On site	**Railway Sidings**	**1962**	**2500**
On site	**Railway Sidings**	**1895**	**2500**
On site	**Railway Sidings**	**1914**	**2500**
On site	**Railway Sidings**	**1935**	**2500**
On site	**Tramway Sidings**	**1914**	**2500**
On site	**Railway**	**1935**	**-**
On site	**Railway Sidings**	**1913**	**10560**
On site	**Railway Sidings**	**1894**	**10560**
On site	**Railway Sidings**	**1920**	**10560**
On site	**Railway Sidings**	**1935**	**10560**
On site	**Railway Sidings**	**1897**	**10560**
On site	**Railway Sidings**	**1938**	**10560**
On site	**Railway Sidings**	**1966**	**10560**
On site	**Railway Sidings**	**1959**	**10560**
3m N	Railway	1865	-
5m N	Railway	1872	-

Location	Land Use	Year of mapping	Mapping scale
5m N	Railway	1914	-
7m N	Railway	1895	-
20m N	Railway Sidings	1994	10000
20m N	Railway Sidings	1985	10000
20m N	Railway Sidings	1974	10000
24m N	Railway Sidings	1935	2500
25m N	Railway Sidings	1962	2500
25m N	Railway Sidings	1993	1250
26m N	Railway Sidings	1935	10560
31m N	Railway Sidings	1993	1250
36m W	Railway	1895	-
37m W	Railway Sidings	1962	2500
38m N	Railway	1914	-
39m N	Railway Sidings	1963	1250
39m W	Railway Sidings	1963	1250
39m N	Railway Sidings	1914	2500
40m N	Railway Sidings	1975	1250
43m N	Railway Sidings	1980	1250
45m NE	Railway Sidings	1994	1250
46m NE	Railway Sidings	1975	1250
49m N	Railway Sidings	1963	1250
49m N	Railway Sidings	1992	1250
51m NE	Railway Sidings	1980	1250
51m NE	Railway Sidings	1992	1250
51m N	Railway Sidings	1993	1250
51m N	Railway Sidings	1994	1250
54m NW	Railway Sidings	1979	1250
55m NW	Railway Sidings	1972	1250

Location	Land Use	Year of mapping	Mapping scale
80m W	Railway	1935	-
119m NW	Tramway Sidings	1914	2500
139m W	Railway Sidings	1865	2500
140m W	Railway Sidings	1882	10560
140m W	Railway Sidings	1882	10560
147m W	Railway Sidings	1865	10560
179m W	Tunnel	1994	10000
184m NW	Tramway Sidings	1935	2500
198m NW	Tramway Sidings	1914	2500
228m E	Railway Sidings	1963	1250
229m E	Railway Sidings	1920	10560
231m E	Railway Sidings	1938	10560
231m E	Railway Sidings	1935	10560
232m E	Railway Sidings	1962	2500
233m E	Tramway Sidings	1914	2500
233m E	Railway Sidings	1959	10560
236m W	Railway Sidings	1938	10560
240m W	Railway Sidings	1894	10560
240m W	Railway Sidings	1935	10560
247m W	Railway Sidings	1895	2500

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	1

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

Features are displayed on the Railway infrastructure and projects map on **page 160**

Location	Description
23m N	Abandoned

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	32

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 160**

Location	Name	Type
8m N	Great Western Main Line	rail
9m N		rail
10m N	Not given	Multi Track
13m N	Great Western Main Line	rail
17m N	Elizabeth Line	rail
20m N	Elizabeth Line	rail
24m N	Not given	Multi Track
25m N		rail
26m N		rail
38m N		rail
44m N		rail
45m N		rail
49m N		rail
53m N		rail

Location	Name	Type
61m NW		rail
69m E	Not given	Multi Track
79m NE	Not given	Multi Track
90m W	Elizabeth Line	rail
90m W	Elizabeth Line	rail
102m W	Not given	Multi Track
132m W		rail
132m W		rail
156m W	Elizabeth Line	rail
196m W	Great Western Main Line	rail
202m W	Great Western Main Line	rail
208m W	Elizabeth Line	rail
216m W	Not given	Multi Track
217m W	Elizabeth Line	rail
221m W	Elizabeth Line	rail
233m W	Great Western Main Line	rail
237m W	Great Western Main Line	rail
246m W	Elizabeth Line	rail

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 160**

Location	Route Type
27m 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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