

SOUTH COAST WASTE LTD, ACKWORTH ROAD, PORTSMOUTH, CITY OF PORTSMOUTH, PO3 5NS

Order Details

Date: 24/09/2025
Your ref: SC Waste Ltd
Our Ref: GS-XN7-QQE-ZHC-EZS

Site Details

Location: 466499 104130
Area: 0.08 ha
Authority: [Portsmouth City Council](#) ↗



[Summary of findings](#)

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[Aerial image](#)

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[OS MasterMap site plan](#)

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[Insight User Guide](#) ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	9	2	15	25	-
17 >	1.2 >	Historical tanks >	7	0	2	23	-
19 >	1.3 >	Historical energy features >	0	0	3	25	-
20	1.4	Historical petrol stations	0	0	0	0	-
21 >	1.5 >	Historical garages >	0	0	0	3	-
21 >	1.6 >	Historical military land >	1	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
22 >	2.1 >	Historical industrial land uses >	11	2	15	38	-
25 >	2.2 >	Historical tanks >	10	0	6	39	-
27 >	2.3 >	Historical energy features >	0	0	4	53	-
30	2.4	Historical petrol stations	0	0	0	0	-
30 >	2.5 >	Historical garages >	0	0	0	5	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
31	3.1	Active or recent landfill	0	0	0	0	-
31	3.2	Historical landfill (BGS records)	0	0	0	0	-
32	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
32	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
32 >	3.5 >	Historical waste sites >	0	1	0	1	-
33 >	3.6 >	Licensed waste sites >	2	7	3	2	-
37 >	3.7 >	Waste exemptions >	0	0	34	82	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
47 >	4.1 >	Recent industrial land uses >	1	5	26	-	-
50 >	4.2 >	National Geographic Database (NGD) - Current or recent tanks >	0	0	4	-	-
50	4.3	Current or recent petrol stations	0	0	0	0	-
50	4.4	Electricity cables	0	0	0	0	-
50	4.5	Gas pipelines	0	0	0	0	-



51	4.6	Sites determined as Contaminated Land	0	0	0	0	-
51 >	4.7 >	Control of Major Accident Hazards (COMAH) >	1	0	0	0	-
51	4.8	Regulated explosive sites	0	0	0	0	-
51 >	4.9 >	Hazardous substance storage/usage >	0	0	1	0	-
52	4.10	Historical licensed industrial activities (IPC)	0	0	0	0	-
52	4.11	Licensed industrial activities (Part A(1))	0	0	0	0	-
52 >	4.12 >	Licensed pollutant release (Part A(2)/B) >	0	0	1	8	-
54 >	4.13 >	Radioactive Substance Authorisations >	0	0	1	0	-
54 >	4.14 >	Licensed Discharges to controlled waters >	0	0	1	5	-
55	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
56	4.16	Pollutant release to public sewer	0	0	0	0	-
56	4.17	List 1 Dangerous Substances	0	0	0	0	-
56	4.18	List 2 Dangerous Substances	0	0	0	0	-
56 >	4.19 >	Pollution Incidents (EA/NRW) >	0	1	1	5	-
57	4.20	Pollution inventory substances	0	0	0	0	-
57	4.21	Pollution inventory waste transfers	0	0	0	0	-
58	4.22	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
59 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
61 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
62 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
63 >	5.4 >	Groundwater vulnerability- soluble rock risk >	Identified (within 0m)				
63	5.5	Groundwater vulnerability- local information	None (within 0m)				
64 >	5.6 >	Groundwater abstractions >	0	0	0	0	1
65 >	5.7 >	Surface water abstractions >	0	0	0	0	1
65	5.8	Potable abstractions	0	0	0	0	0
66	5.9	Source Protection Zones	0	0	0	0	-
66	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m



67 >	6.1 >	Water Network (OS MasterMap) >	0	0	2	-	-
68 >	6.2 >	Surface water features >	0	0	4	-	-
68 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
68 >	6.4 >	WFD Surface water bodies >	0	0	1	-	-
69 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
70 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
71	7.2	Historical Flood Events	0	0	0	-	-
71	7.3	Flood Defences	0	0	0	-	-
71	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
71	7.5	Flood Storage Areas	0	0	0	-	-
72 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
73 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
74 >	8.1 >	Surface water flooding >	1 in 100 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding >					
76 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
77 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	1	1
78 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	1	1
79 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	1	1
80 >	10.4 >	Special Protection Areas (SPA) >	0	0	3	1	6
82	10.5	National Nature Reserves (NNR)	0	0	0	0	0
82 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
83	10.7	Designated Ancient Woodland	0	0	0	0	0
83	10.8	Biosphere Reserves	0	0	0	0	0
83	10.9	Forest Parks	0	0	0	0	0
83	10.10	Marine Conservation Zones	0	0	0	0	0
83	10.11	Green Belt	0	0	0	0	0

84	10.12	Proposed Ramsar sites	0	0	0	0	0
84	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
84	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
84	10.15	Nitrate Sensitive Areas	0	0	0	0	0
85 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	2
86 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
87 >	10.18 >	SSSI Units >	0	0	0	1	3
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
90	11.1	World Heritage Sites	0	0	0	-	-
91	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
91	11.3	National Parks	0	0	0	-	-
91	11.4	Listed Buildings	0	0	0	-	-
91 >	11.5 >	Conservation Areas >	1	0	0	-	-
92 >	11.6 >	Scheduled Ancient Monuments >	1	0	1	-	-
92	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
93 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
94	12.2	Open Access Land	0	0	0	-	-
94 >	12.3 >	Tree Felling Licences >	0	0	3	-	-
94	12.4	Environmental Stewardship Schemes	0	0	0	-	-
94	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
96 >	13.1 >	Priority Habitat Inventory >	0	6	20	-	-
98 >	13.2 >	Habitat Networks >	1	2	12	-	-
98	13.3	Open Mosaic Habitat	0	0	0	-	-
99	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
100 >	14.1 >	10k Availability >	Identified (within 500m)				
101 >	14.2 >	Artificial and made ground (10k) >	0	0	0	1	-

102 >	14.3 >	Superficial geology (10k) >	1	0	5	1	-
103	14.4	Landslip (10k)	0	0	0	0	-
104 >	14.5 >	Bedrock geology (10k) >	1	0	1	0	-
105	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
106 >	15.1 >	50k Availability >	Identified (within 500m)				
107 >	15.2 >	Artificial and made ground (50k) >	0	0	0	1	-
108	15.3	Artificial ground permeability (50k)	0	0	-	-	-
109 >	15.4 >	Superficial geology (50k) >	1	0	4	0	-
110 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
110	15.6	Landslip (50k)	0	0	0	0	-
110	15.7	Landslip permeability (50k)	None (within 50m)				
111 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
112 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
112	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
113 >	16.1 >	BGS Boreholes >	0	0	7	-	-
Page	Section	Natural ground subsidence >					
115 >	17.1 >	Shrink swell clays >	Negligible (within 50m)				
116 >	17.2 >	Running sands >	Very low (within 50m)				
117 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
118 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
119 >	17.5 >	Landslides >	Very low (within 50m)				
120 >	17.6 >	Ground dissolution of soluble rocks >	Very low (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
122	18.1	BritPits	0	0	0	0	-
123 >	18.2 >	Surface ground workings >	0	0	1	-	-
123	18.3	Underground workings	0	0	0	0	0
123	18.4	Underground mining extents	0	0	0	0	-

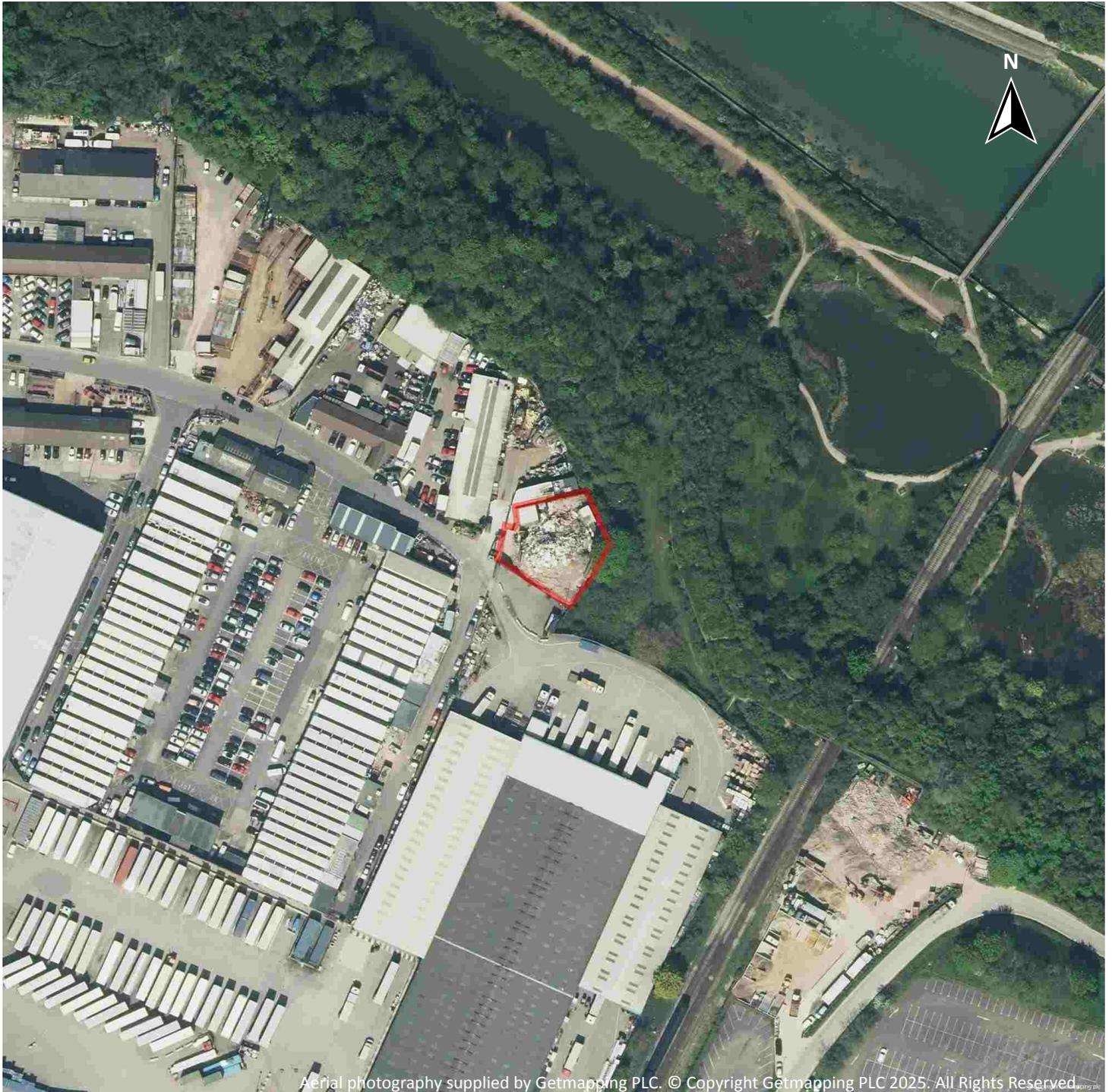


123	18.5	Historical Mineral Planning Areas	0	0	0	0	-
124	18.6	Non-coal mining	0	0	0	0	0
124	18.7	JPB mining areas	None (within 0m)				
124	18.8	The Coal Authority non-coal mining	0	0	0	0	-
124	18.9	Researched mining	0	0	0	0	-
125	18.10	Mining record office plans	0	0	0	0	-
125	18.11	BGS mine plans	0	0	0	0	-
125	18.12	Coal mining	None (within 0m)				
125	18.13	Brine areas	None (within 0m)				
125	18.14	Gypsum areas	None (within 0m)				
126	18.15	Tin mining	None (within 0m)				
126	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
127	19.1	Natural cavities	0	0	0	0	-
127	19.2	Mining cavities	0	0	0	0	0
127	19.3	Reported recent incidents	0	0	0	0	-
127	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
129 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
131 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	0	-	-	-
131	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
131	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
132	22.1	Underground railways (London)	0	0	0	-	-
132	22.2	Underground railways (Non-London)	0	0	0	-	-
133	22.3	Railway tunnels	0	0	0	-	-
133 >	22.4 >	Historical railway and tunnel features >	7	1	25	-	-
134	22.5	Royal Mail tunnels	0	0	0	-	-



135	22.6	Historical railways	0	0	0	-	-
135 >	22.7 >	Railways >	0	0	25	-	-
136	22.8	Crossrail 2	0	0	0	0	-
136	22.9	HS2	0	0	0	0	-

Recent aerial photograph

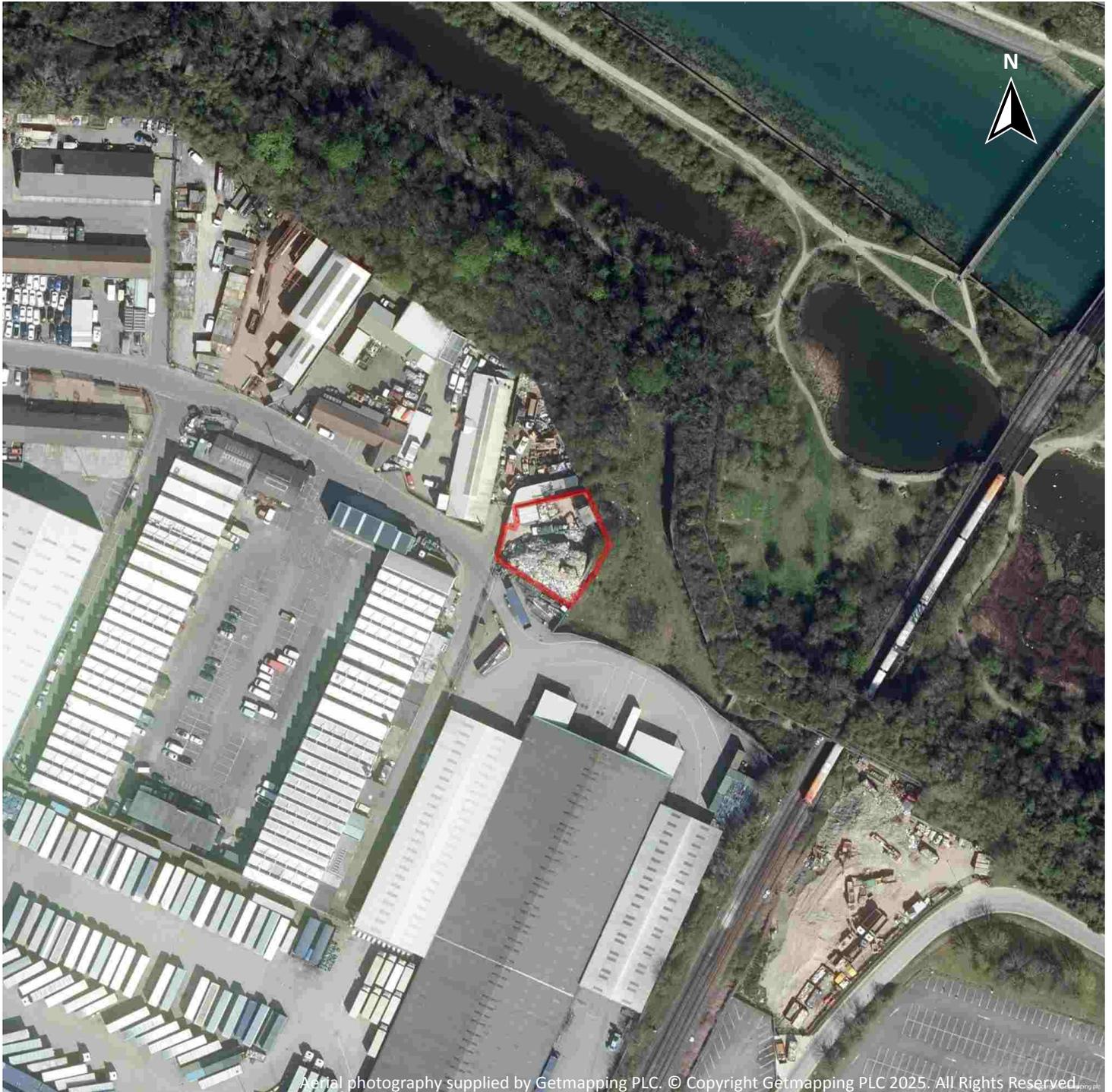


Capture Date: 03/05/2023

Site Area: 0.08ha



Recent site history - 2020 aerial photograph



Capture Date: 05/04/2020

Site Area: 0.08ha



Recent site history - 2013 aerial photograph



Capture Date: 20/08/2013

Site Area: 0.08ha



Recent site history - 2005 aerial photograph

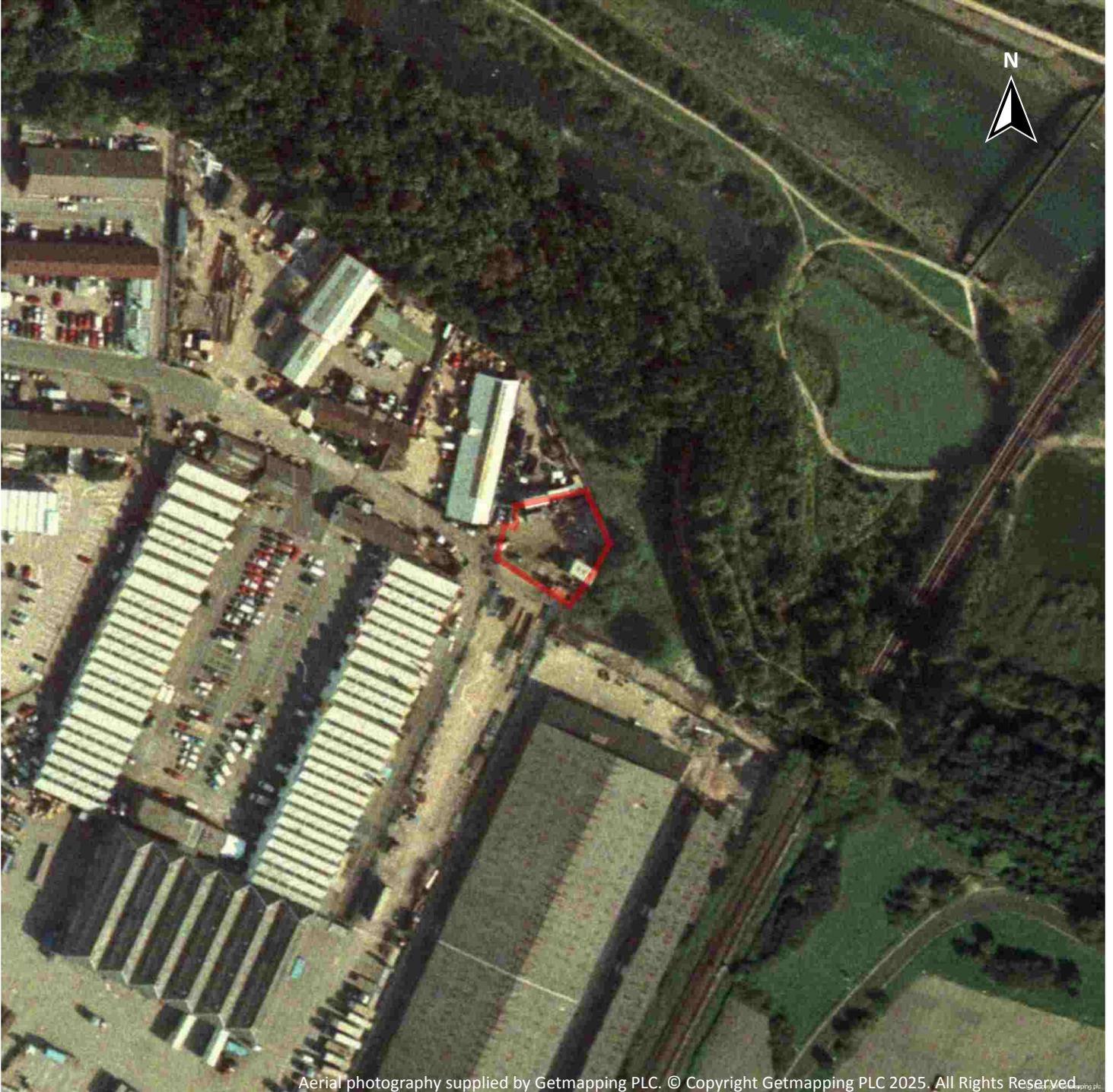


Capture Date: 13/05/2005

Site Area: 0.08ha



Recent site history - 1999 aerial photograph

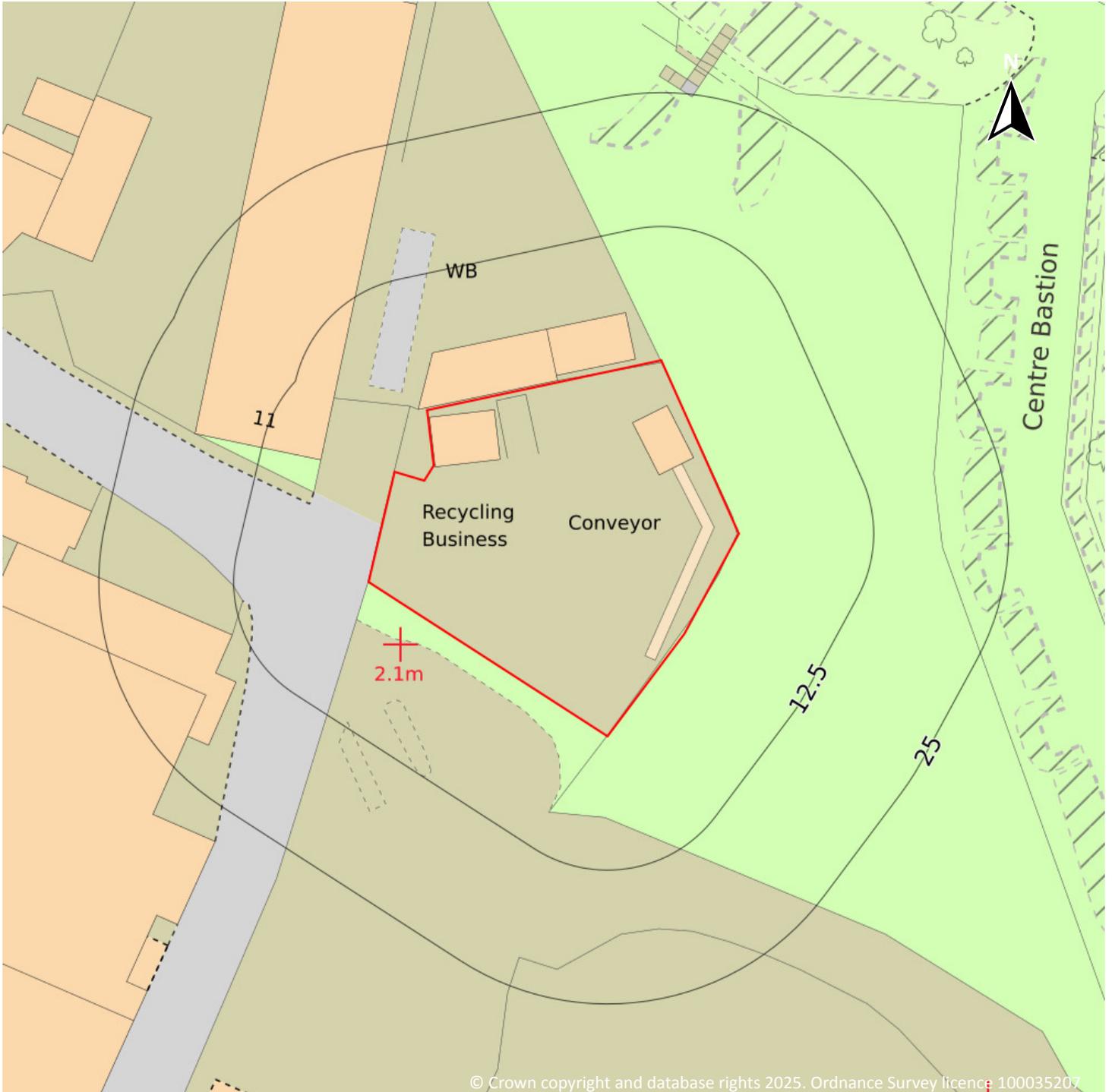


Capture Date: 04/09/1999

Site Area: 0.08ha



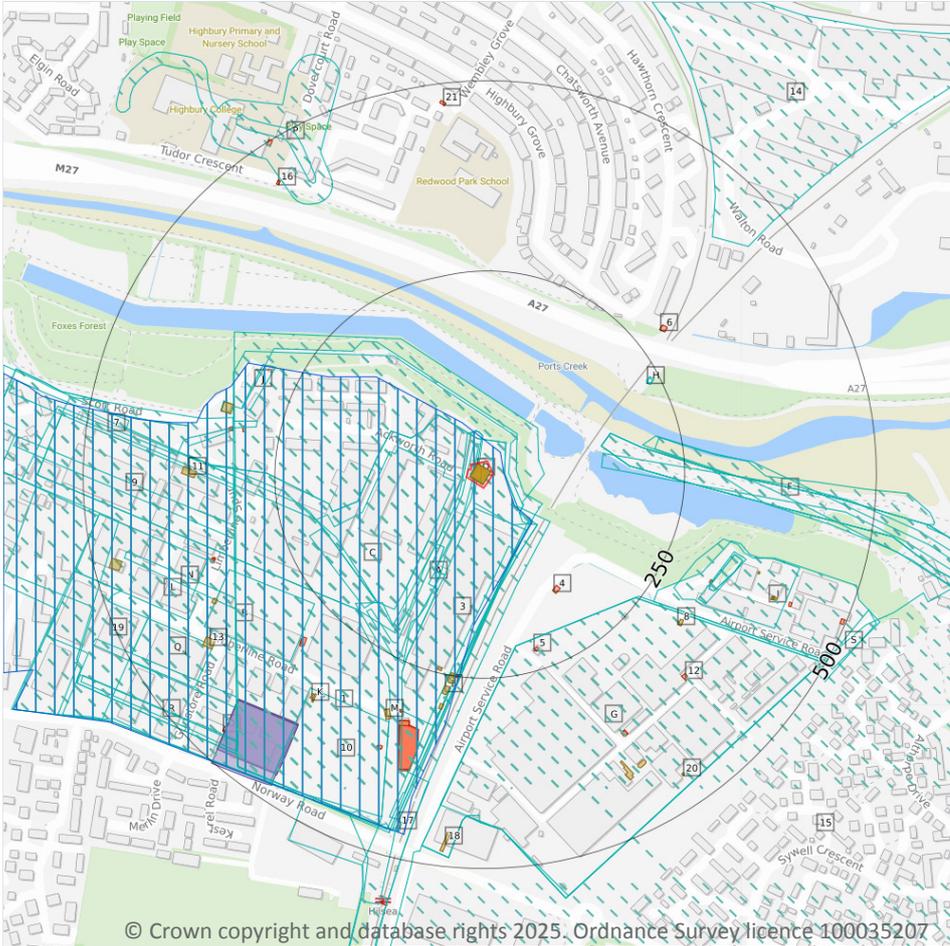
OS MasterMap site plan



Site Area: 0.08ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m **51**

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

Features are displayed on the Past land use map on [page 15](#) >

ID	Location	Land use	Dates present	Group ID
1	On site	Railway Sidings	1931	1974110

ID	Location	Land use	Dates present	Group ID
A	On site	Railway Sidings	1931	1924970
A	On site	Railway Sidings	1938	1934595
B	On site	Railway Sidings	1957	1941259
B	On site	Unspecified Commercial/Industrial	1988	1951014
B	On site	Unspecified Commercial/Industrial	1957	1982666
C	On site	Unspecified Commercial/Industrial	1931 - 1938	1949788
C	On site	Unspecified Commercial/Industrial	1931	1974761
D	On site	Unspecified Tank	1957 - 1973	1953549
2	16m W	Unspecified Commercial/Industrial	1973	1980567
3	29m SW	Timber Yard	1973	1890159
E	83m SE	Railway Sidings	1931	1926869
B	93m SW	Railway Sidings	1973	1939081
F	142m E	Rifle Range	1931	1924499
F	146m E	Rifle Range	1938	1931846
F	146m E	Rifle Range	1931	1964297
F	146m E	Rifle Range	1907	1998238
C	191m SW	Unspecified Depot	1957	1886979
F	199m E	Rifle Range	1898	1966389
G	208m S	Unspecified Works	1988	1913892
G	208m S	Unspecified Factory	1957	1889413
G	208m S	Unspecified Works	1973	1974372
F	214m E	Rifle Range	1898	1921160
H	231m NE	Railway Station	1938	1912116
H	233m NE	Railway Building	1931	1910317
E	249m S	Unspecified Tank	1988	1893638
B	259m SW	Unspecified Factories	1973	1883240
I	263m SE	Unspecified Works	1988	1921938
I	279m SE	Unspecified Works	1957 - 1973	1943150



ID	Location	Land use	Dates present	Group ID
J	285m NW	Unspecified Heap	1931 - 1938	1989755
7	303m W	Railway Sidings	1858 - 1938	1936418
L	303m W	Unspecified Commercial/Industrial	1858 - 1938	1919511
9	310m W	Railway Sidings	1858 - 1938	1936632
I	314m SE	Unspecified Heap	1931 - 1938	1993496
I	319m SE	Unspecified Heap	1988	1936387
I	319m SE	Unspecified Heap	1957 - 1973	1978545
J	319m W	Unspecified Tank	1957 - 1973	1933843
10	331m SW	Unspecified Factories	1973	1883239
N	341m SW	Railway Sidings	1858 - 1938	1942488
L	355m W	Unspecified Works	1973	1891352
P	397m NW	Unspecified Heap	1931 - 1938	1978147
Q	401m SW	Unspecified Factory	1973	1889405
14	416m NE	Industrial Estate	1988	1887528
Q	417m SW	Railway Sidings	1858 - 1938	1980493
P	423m NW	Unspecified Heap	1898	1959423
15	431m S	Airport	1957 - 1973	1988414
17	452m S	Railway Building	1931	1910318
19	455m SW	Unspecified Factories	1973	1926896
R	458m SW	Railway Sidings	1858	1917256
R	460m SW	Railway Sidings	1938	1974520
S	497m SE	Unspecified Heap	1931 - 1938	1935194

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

32

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or



succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
D	On site	Unspecified Tank	1950	326973
D	On site	Unspecified Tank	1974 - 1975	327999
D	On site	Unspecified Tank	1949	331619
D	On site	Unspecified Tank	1968	336259
D	On site	Unspecified Tank	1982 - 1984	341632
D	On site	Unspecified Tank	1950	342714
D	On site	Unspecified Tank	1970	343236
E	242m S	Unspecified Tank	1988 - 1993	330528
E	246m S	Unspecified Tank	1988 - 1993	333583
E	252m S	Unspecified Tank	1988 - 1993	327366
E	264m S	Unspecified Tank	1988 - 1993	340460
E	288m S	Tanks	1968 - 1979	342382
8	309m SE	Unspecified Tank	1987	322123
M	315m SW	Unspecified Tank	1949 - 1950	336213
J	317m W	Unspecified Tank	1949 - 1970	335266
K	346m SW	Tanks	1968	317293
K	348m SW	Tanks	1968	317292
11	352m W	Unspecified Tank	1949 - 1970	341486
K	352m SW	Tanks	1968	317294
N	362m SW	Unspecified Tank	1968 - 1979	330414
I	370m E	Unspecified Tank	1991	320129
I	370m E	Tanks	1993	316803
13	392m SW	Unspecified Tank	1949 - 1950	343074
I	398m SE	Unspecified Tank	1990	328844
I	398m SE	Unspecified Tank	1988	329647
I	400m SE	Unspecified Tank	1972	342785



ID	Location	Land use	Dates present	Group ID
I	400m SE	Unspecified Tank	1991	343017
G	401m SE	Tanks	1991	317296
G	413m SE	Tanks	1991	317295
18	455m S	Unspecified Tank	1949 - 1950	334324
20	456m SE	Unspecified Tank	1991	322129
L	463m W	Unspecified Tank	1949 - 1950	336031

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

28

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

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
4	159m SE	Electricity Substation	1987	210481
5	220m S	Electricity Substation	1991	210473
E	247m S	Electricity Substation	1968 - 1979	219888
6	284m NE	Electricity Substation	1968 - 1993	227011
J	295m W	Electricity Substation	1996	210469
K	297m SW	Electricity Substation	1979 - 1993	223881
K	301m SW	Electricity Substation	1968	212428
M	310m S	Electricity Substation	1968 - 1993	230913
J	311m W	Electricity Substation	1982	210483
I	316m SE	Electricity Substation	1972	210411
M	320m S	Electricity Substation	1968	233901
M	321m S	Electricity Substation	1993	213583



ID	Location	Land use	Dates present	Group ID
M	321m S	Electricity Substation	1993	227608
M	326m S	Electricity Substation	1979 - 1988	234251
K	334m SW	Gas Governor	1993	229645
N	344m W	Electricity Substation	1968 - 1970	222112
N	345m W	Electricity Substation	1996	219009
N	345m W	Electricity Substation	1982	214106
12	358m SE	Electricity Substation	1991	210474
M	364m S	Electricity Substation	1979 - 1993	230904
G	367m SE	Electricity Substation	1988 - 1991	228247
G	368m SE	Electricity Substation	1972	233432
I	422m SE	Electricity Substation	1991	210413
16	445m NW	Electricity Substation	1968 - 1970	232187
O	453m SW	Electricity Substation	1968 - 1993	217996
21	471m N	Electricity Substation	1968 - 1993	230893
S	493m SE	Electricity Substation	1991	210414
P	494m NW	Electricity Substation	1983 - 1993	226678

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.



1.5 Historical garages

Records within 500m

3

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

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
O	392m SW	Garage	1979 - 1988	72297
O	393m SW	Garage	1968	72174
O	394m SW	Garage	1993	71797

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

1

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

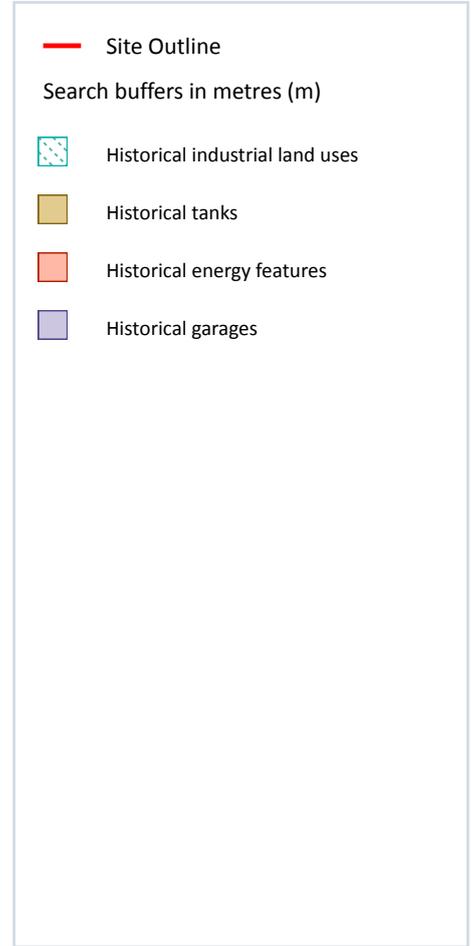
Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Site Name	Date of Operation	Activities
B	On site	Hilsea Lines	c. 1780 - 1965	Headquarters and training depot for the Royal Army Ordnance Corps

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



2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m

66

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 22](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Railway Sidings	1931	1974110
A	On site	Railway Sidings	1938	1934595
A	On site	Railway Sidings	1931	1924970

ID	Location	Land Use	Date	Group ID
B	On site	Unspecified Commercial/Industrial	1938	1949788
B	On site	Unspecified Commercial/Industrial	1931	1949788
B	On site	Unspecified Commercial/Industrial	1931	1974761
C	On site	Unspecified Commercial/Industrial	1988	1951014
C	On site	Railway Sidings	1957	1941259
C	On site	Unspecified Commercial/Industrial	1957	1982666
D	On site	Unspecified Tank	1973	1953549
D	On site	Unspecified Tank	1957	1953549
2	16m W	Unspecified Commercial/Industrial	1973	1980567
3	29m SW	Timber Yard	1973	1890159
E	83m SE	Railway Sidings	1931	1926869
C	93m SW	Railway Sidings	1973	1939081
F	142m E	Rifle Range	1931	1924499
F	146m E	Rifle Range	1938	1931846
F	146m E	Rifle Range	1931	1964297
F	146m E	Rifle Range	1907	1998238
B	191m SW	Unspecified Depot	1957	1886979
F	199m E	Rifle Range	1898	1966389
G	208m S	Unspecified Works	1988	1913892
G	208m S	Unspecified Works	1973	1974372
G	208m S	Unspecified Factory	1957	1889413
F	214m E	Rifle Range	1898	1921160
H	231m NE	Railway Station	1938	1912116
H	233m NE	Railway Building	1931	1910317
E	249m S	Unspecified Tank	1988	1893638
C	259m SW	Unspecified Factories	1973	1883240
I	263m SE	Unspecified Works	1988	1921938
I	279m SE	Unspecified Works	1973	1943150



ID	Location	Land Use	Date	Group ID
I	279m SE	Unspecified Works	1957	1943150
K	285m NW	Unspecified Heap	1938	1989755
K	285m NW	Unspecified Heap	1931	1989755
M	303m W	Unspecified Commercial/Industrial	1938	1919511
N	303m W	Railway Sidings	1938	1936418
M	304m W	Unspecified Commercial/Industrial	1858	1919511
N	304m W	Railway Sidings	1858	1936418
O	310m W	Railway Sidings	1938	1936632
O	310m W	Railway Sidings	1858	1936632
I	314m SE	Unspecified Heap	1938	1993496
I	314m SE	Unspecified Heap	1931	1993496
I	319m SE	Unspecified Heap	1988	1936387
I	319m SE	Unspecified Heap	1973	1978545
I	319m SE	Unspecified Heap	1957	1978545
K	319m W	Unspecified Tank	1973	1933843
K	319m W	Unspecified Tank	1957	1933843
7	331m SW	Unspecified Factories	1973	1883239
C	341m SW	Railway Sidings	1858	1942488
C	342m SW	Railway Sidings	1938	1942488
M	355m W	Unspecified Works	1973	1891352
T	397m NW	Unspecified Heap	1931	1978147
U	401m SW	Unspecified Factory	1973	1889405
9	416m NE	Industrial Estate	1988	1887528
U	417m SW	Railway Sidings	1858	1980493
U	418m SW	Railway Sidings	1938	1980493
T	423m NW	Unspecified Heap	1898	1959423
V	431m S	Airport	1973	1988414
V	450m S	Airport	1957	1988414



ID	Location	Land Use	Date	Group ID
10	452m S	Railway Building	1931	1910318
11	455m SW	Unspecified Factories	1973	1926896
Y	458m SW	Railway Sidings	1858	1917256
Y	460m SW	Railway Sidings	1938	1974520
13	475m W	Unspecified Factories	1973	1926896
AA	497m SE	Unspecified Heap	1938	1935194
AA	497m SE	Unspecified Heap	1931	1935194

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	55
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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 22 >](#)

ID	Location	Land Use	Date	Group ID
D	On site	Unspecified Tank	1950	342714
D	On site	Unspecified Tank	1970	343236
D	On site	Unspecified Tank	1975	327999
D	On site	Unspecified Tank	1974	327999
D	On site	Unspecified Tank	1968	336259
D	On site	Unspecified Tank	1968	336259
D	On site	Unspecified Tank	1949	331619
D	On site	Unspecified Tank	1950	326973
D	On site	Unspecified Tank	1984	341632
D	On site	Unspecified Tank	1982	341632
E	242m S	Unspecified Tank	1993	330528
E	243m S	Unspecified Tank	1993	330528
E	243m S	Unspecified Tank	1988	330528



ID	Location	Land Use	Date	Group ID
E	246m S	Unspecified Tank	1988	333583
E	247m S	Unspecified Tank	1993	333583
E	247m S	Unspecified Tank	1993	333583
E	252m S	Unspecified Tank	1988	327366
E	252m S	Unspecified Tank	1993	327366
E	252m S	Unspecified Tank	1993	327366
E	264m S	Unspecified Tank	1993	340460
E	264m S	Unspecified Tank	1993	340460
E	265m S	Unspecified Tank	1988	340460
E	288m S	Tanks	1968	342382
E	289m S	Tanks	1979	342382
6	309m SE	Unspecified Tank	1987	322123
P	315m SW	Unspecified Tank	1949	336213
P	315m SW	Unspecified Tank	1950	336213
K	317m W	Unspecified Tank	1950	335266
K	317m W	Unspecified Tank	1970	335266
K	318m W	Unspecified Tank	1968	335266
K	318m W	Unspecified Tank	1949	335266
L	346m SW	Tanks	1968	317293
L	348m SW	Tanks	1968	317292
Q	352m W	Unspecified Tank	1950	341486
Q	352m W	Unspecified Tank	1970	341486
L	352m SW	Tanks	1968	317294
Q	353m W	Unspecified Tank	1968	341486
Q	353m W	Unspecified Tank	1949	341486
C	362m SW	Unspecified Tank	1979	330414
C	363m SW	Unspecified Tank	1968	330414
I	370m E	Unspecified Tank	1991	320129



ID	Location	Land Use	Date	Group ID
I	370m E	Tanks	1993	316803
R	392m SW	Unspecified Tank	1950	343074
R	392m SW	Unspecified Tank	1949	343074
I	398m SE	Unspecified Tank	1988	329647
I	398m SE	Unspecified Tank	1990	328844
I	400m SE	Unspecified Tank	1972	342785
I	400m SE	Unspecified Tank	1991	343017
G	401m SE	Tanks	1991	317296
G	413m SE	Tanks	1991	317295
X	455m S	Unspecified Tank	1949	334324
X	455m S	Unspecified Tank	1950	334324
12	456m SE	Unspecified Tank	1991	322129
M	463m W	Unspecified Tank	1950	336031
M	464m W	Unspecified Tank	1949	336031

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	57
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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 22 >](#)

ID	Location	Land Use	Date	Group ID
4	159m SE	Electricity Substation	1987	210481
5	220m S	Electricity Substation	1991	210473
E	247m S	Electricity Substation	1968	219888
E	248m S	Electricity Substation	1979	219888
J	284m NE	Electricity Substation	1984	227011
J	284m NE	Electricity Substation	1993	227011



ID	Location	Land Use	Date	Group ID
J	285m NE	Electricity Substation	1974	227011
J	285m NE	Electricity Substation	1968	227011
J	286m NE	Electricity Substation	1970	227011
K	295m W	Electricity Substation	1996	210469
L	297m SW	Electricity Substation	1979	223881
L	297m SW	Electricity Substation	1988	223881
L	298m SW	Electricity Substation	1993	223881
L	298m SW	Electricity Substation	1993	223881
L	301m SW	Electricity Substation	1968	212428
P	310m S	Electricity Substation	1979	230913
P	310m S	Electricity Substation	1988	230913
P	311m S	Electricity Substation	1968	230913
K	311m W	Electricity Substation	1982	210483
P	311m S	Electricity Substation	1993	230913
P	311m S	Electricity Substation	1993	230913
I	316m SE	Electricity Substation	1972	210411
P	320m S	Electricity Substation	1968	233901
P	321m S	Electricity Substation	1993	213583
P	321m S	Electricity Substation	1993	227608
P	326m S	Electricity Substation	1979	234251
P	326m S	Electricity Substation	1988	234251
L	334m SW	Gas Governor	1993	229645
L	334m SW	Gas Governor	1993	229645
C	344m W	Electricity Substation	1968	222112
C	344m W	Electricity Substation	1970	222112
C	345m W	Electricity Substation	1996	219009
C	345m W	Electricity Substation	1982	214106
8	358m SE	Electricity Substation	1991	210474



ID	Location	Land Use	Date	Group ID
P	364m S	Electricity Substation	1979	230904
P	364m S	Electricity Substation	1988	230904
P	365m S	Electricity Substation	1993	230904
P	366m S	Electricity Substation	1993	230904
G	367m SE	Electricity Substation	1988	228247
G	367m SE	Electricity Substation	1990	228247
G	368m SE	Electricity Substation	1972	233432
G	368m SE	Electricity Substation	1991	228247
I	422m SE	Electricity Substation	1991	210413
W	445m NW	Electricity Substation	1968	232187
W	445m NW	Electricity Substation	1970	232187
S	453m SW	Electricity Substation	1979	217996
S	453m SW	Electricity Substation	1988	217996
S	455m SW	Electricity Substation	1968	217996
S	455m SW	Electricity Substation	1993	217996
S	455m SW	Electricity Substation	1993	217996
Z	471m N	Electricity Substation	1968	230893
Z	471m N	Electricity Substation	1993	230893
Z	471m N	Electricity Substation	1983	230893
Z	472m N	Electricity Substation	1970	230893
AA	493m SE	Electricity Substation	1991	210414
T	494m NW	Electricity Substation	1993	226678
T	494m NW	Electricity Substation	1983	226678

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

5

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

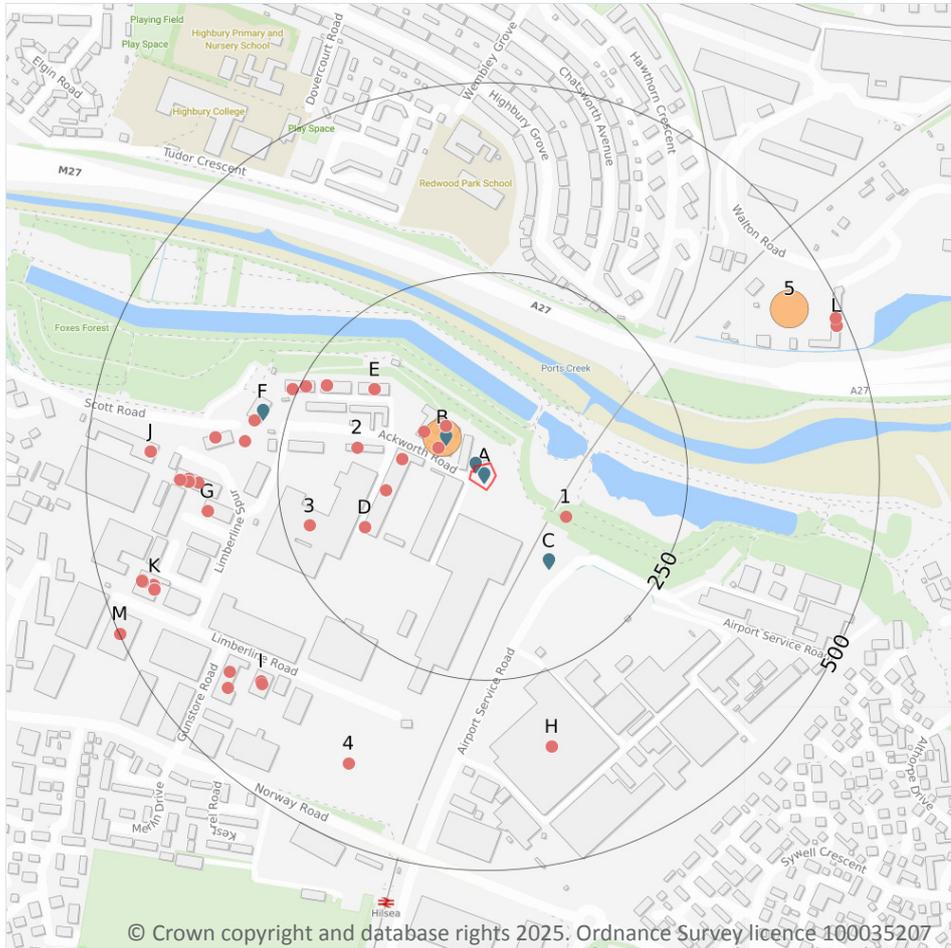
Features are displayed on the Past land use - un-grouped map on [page 22 >](#)

ID	Location	Land Use	Date	Group ID
S	392m SW	Garage	1979	72297
S	392m SW	Garage	1988	72297
S	393m SW	Garage	1968	72174
S	394m SW	Garage	1993	71797
S	394m SW	Garage	1993	71797

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

0

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

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

3.5 Historical waste sites

Records within 500m

2

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 31 >](#)

ID	Location	Address	Further Details	Date
B	31m NW	Site Address: Venture Ind Park Acworth, Road, Walkers Depot, Venture, Ind Park Acworth Road, PORTSMOUTH, Hampshire, PO3 5JT	Type of Site: Waste Transfer Station Planning application reference: 229/97/A*33719/AF Description: Formation of waste transfer station with buildings of 66 sqm, new palisade fencing, concrete walling and security fencing, together with asphalt surfacing and related facilities. An application (ref: 229/97/A*33719/AF) for Detailed Planning permission was submitted to Portsmouth C.C. on 26th November 1997. Data source: Historic Planning Application Data Type: Point	-

ID	Location	Address	Further Details	Date
5	414m NE	Site Address: Farlington Triangle, Eastern Road, Farlington, PORTSMOUTH, Hampshire, PO6 1U	Type of Site: Waste Recycling Centre Planning application reference: 030028 B*19896/AC Description: Scheme comprises formation of a waste recycling centre with 10 bays constructed of hardwood sleepers and steel columns. An application (ref: 030028 B*19896/AC) for Detailed Planning permission was submitted to Portsmouth C.C. on 9th January 2003. Data source: Historic Planning Application Data Type: Point	-

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

3.6 Licensed waste sites

Records within 500m	14
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on [page 31 >](#)

ID	Location	Details		
A	On site	Site Name: Venture Industrial Park Site Address: Walkers Yard, Ackworth Road Ind Est, Hilsea, Portsmouth, Hampshire, PO3 5NS Correspondence Address: Walkers Yard, Ackworth Road Ind Est, Hilsea, Portsmouth, Hampshire, PO3 5NS	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAL001 EPR reference: - Operator: Walker Frederick George Mr Waste Management licence No: 19982 Annual Tonnage: 0	Issue Date: 02/11/1998 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
A	On site	Site Name: Howards Yard Site Address: Howards Yard, Ackworth Road Ind Est, Hilsea, Portsmouth, Hampshire, PO3 5NS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 634915 EPR reference: EA/EPR/WP3992HW Operator: Glen Howard Waste Management licence No: 19982 Annual Tonnage: 1500	Issue Date: 02/11/1998 Effective Date: 02/11/1998 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	2m N	Site Name: Howards Yard Site Address: Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS Correspondence Address: Howards Yard, Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI023 EPR reference: - Operator: Bridge Skips Ltd Waste Management licence No: 10243 Annual Tonnage: 72930	Issue Date: 05/08/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	2m N	Site Name: Howards Yard Site Address: Howards Yard, Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS Correspondence Address: Howards Yard, Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI023 EPR reference: - Operator: Bridge Skips Ltd Waste Management licence No: 10243 Annual Tonnage: 72930	Issue Date: 05/08/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
A	2m N	Site Name: Bridge Skips Site Address: Bridge Skips, Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DEM021 EPR reference: EA/EPR/AB3303KQ/T001 Operator: Hughes John Waste Management licence No: 10243 Annual Tonnage: 72930	Issue Date: 05/08/2004 Effective Date: 31/07/2013 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
A	2m N	Site Name: John Hughes Recycling Yard Site Address: John Hughes Recycling Yard, Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DEM021 EPR reference: EA/EPR/AB3303KQ/V002 Operator: Hughes John Waste Management licence No: 10243 Annual Tonnage: 74999	Issue Date: 05/08/2004 Effective Date: 31/07/2013 Modified: 13/01/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	2m N	Site Name: Bridge Skips Site Address: Bridge Skips, Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI023 EPR reference: EA/EPR/JP3395HJ/A001 Operator: Bridge Skips Ltd Waste Management licence No: 10243 Annual Tonnage: 72930	Issue Date: 05/08/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
A	2m N	Site Name: John Hughes Recycling Yard Site Address: John Hughes Recycling Yard, Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 658667 EPR reference: EA/EPR/AB3303KQ Operator: John Hughes Waste Management licence No: 10243 Annual Tonnage: 74999	Issue Date: 05/08/2004 Effective Date: 05/08/2004 Modified: 05/08/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	2m N	Site Name: Howards Yard Site Address: Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS Correspondence Address: Howards Yard, Ackworth Road, Hilsea, Portsmouth, Hampshire, PO3 5NS	Type of Site: - Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI023 EPR reference: - Operator: Bridge Skips Ltd Waste Management licence No: 10243 Annual Tonnage: 72930	Issue Date: 05/08/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	53m NW	Site Name: C + J Bulloch Site Address: Ackworth Road Ind Est, Ackworth Road Ind Est, Hilsea, Portsmouth, Hampshire, PO3 5HU Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 648369 EPR reference: EA/EPR/VP3392HM Operator: C & J Bulloch Waste Management licence No: 19969 Annual Tonnage: 5000	Issue Date: 22/05/1992 Effective Date: 22/05/1992 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
C	124m SE	Site Name: H T Hughes & Sons (Transport) Ltd Site Address: H T Hughes & Sons (Transport) Ltd, Airport Service Road, Portsmouth, Hampshire, PO3 3PJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HUG052 EPR reference: EA/EPR/EB3201XH/A001 Operator: Hughes John Waste Management licence No: 403323 Annual Tonnage: 74999	Issue Date: 23/05/2019 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
C	124m SE	Site Name: H T Hughes & Sons (Transport) Ltd Site Address: H T Hughes & Sons (Transport) Ltd, Airport Service Road, Portsmouth, Hampshire, PO3 3PJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 649342 EPR reference: EA/EPR/EB3201XH Operator: John Hughes Waste Management licence No: 403323 Annual Tonnage: 74999	Issue Date: 23/05/2019 Effective Date: 23/05/2019 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	284m W	Site Name: Emmerson Transport Ltd Site Address: Shawcross Industrial Estate, Ackworth Road, Hillsea, Portsmouth, Hampshire, PO3 5HU Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EMM016 EPR reference: EA/EPR/DB3905GN/V002 Operator: Emmerson Transport Ltd Waste Management licence No: 403115 Annual Tonnage: 75000	Issue Date: 31/10/2016 Effective Date: - Modified: 28/02/2017 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
F	284m W	Site Name: Emmerson Transport Ltd Site Address: Shawcross Industrial Estate, Ackworth Road, Hillsea, Portsmouth, Hampshire, PO3 5HU Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 658904 EPR reference: EA/EPR/DB3905GN Operator: Emmerson Transport Limited Waste Management licence No: 403115 Annual Tonnage: 75000	Issue Date: 31/10/2016 Effective Date: 31/10/2016 Modified: 31/10/2016 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

116

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 31 >](#)



ID	Location	Site	Reference	Category	Sub-Category	Description
B	53m NW	9-10 Ackworth Road Portsmouth Hampshire Po3 5ns	EPR/VH0177W M/A001	Treating waste exemption	Non- agricultura l waste only	Recovery of scrap metal
B	53m NW	9-10 Ackworth Road Portsmouth Hampshire Po3 5ns	EPR/VH0177W M/A001	Storing waste exemption	Non- agricultura l waste only	Storage of waste in a secure place
B	64m NW	9-10, Ackworth Road, Portsmouth, Po3 5ns	WEX048568	Treating waste exemption	Not on a farm	Recovery of scrap metal
B	64m NW	9-10, Ackworth Road, Portsmouth, Po3 5ns	WEX048568	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	64m NW	-	WEX269591	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	64m NW	9-10, Ackworth Road, Portsmouth, Po3 5ns	WEX199549	Treating waste exemption	Not on a farm	Recovery of scrap metal
B	64m NW	9-10, Ackworth Road, Portsmouth, Po3 5ns	WEX325721	Treating waste exemption	Not on a farm	Recovery of scrap metal
B	64m NW	9-10, Ackworth Road, Portsmouth, Po3 5ns	WEX398879	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	80m NW	9-10, Ackworth Road, Portsmouth, Po3 5ns	WEX458180	Treating waste exemption	Not on a farm	Recovery of scrap metal
B	92m W	11, Venture Ct, Ackworth Rd, Portsmouth, Po35ry	WEX251438	Disposing of waste exemption	Not on a farm	Burning waste in the open
B	92m W	11, Venture Ct, Ackworth Rd, Portsmouth, Po35ry	WEX379303	Disposing of waste exemption	Not on a farm	Burning waste in the open
1	105m SE	Limberline Road, Portsmouth, Hampshire, Po3 5jf	EA/EPR/VP384 9BW/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
B	111m W	11, Venture Ct, Ackworth Rd, Portsmouth, Po35ry	WEX110272	Disposing of waste exemption	Not on a farm	Burning waste in the open
D	152m SW	Venture Court 11 Ackworth Road Portsmouth Po3 5ry	EPR/BF0000SB /A001	Disposing of waste exemption	Non- agricultura l waste only	Disposal by incineration



ID	Location	Site	Reference	Category	Sub-Category	Description
D	152m SW	Venture Court 11 Ackworth Road Portsmouth Po3 5ry	EPR/BF0000SB /A001	Disposing of waste exemption	Non-agricultural waste only	Burning waste in the open
2	153m W	6b, Shawcross Industrial Park, Ackworth Road, Portsmouth, Po3 5hu	WEX244679	Using waste exemption	Not on a farm	Use of waste in construction
E	164m NW	Unit 2c, Shawcross Industrial Estate, Ackworth Road, Portsmouth, Po3 5jp	WEX250759	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	164m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX376439	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
E	164m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX376439	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	164m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX376439	Treating waste exemption	Not on a farm	Sorting mixed waste
E	164m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX376439	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	164m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX376439	Storing waste exemption	Not on a farm	Storage of waste in a secure place
3	218m W	Venture Park, Ackworth Road, Portsmouth, Po3 5jt	WEX284676	Using waste exemption	Not on a farm	Use of waste in construction
F	219m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX165833	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	219m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX165833	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	219m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX165833	Storing waste exemption	Not on a farm	Storage of waste in secure containers
F	219m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX165833	Treating waste exemption	Not on a farm	Sorting mixed waste



ID	Location	Site	Reference	Category	Sub-Category	Description
F	219m NW	32 Ackworth Road, Shawcross Industrial Park, Portsmouth, Po3 5jp	WEX165833	Treating waste exemption	Not on a farm	Recovery of scrap metal
F	219m NW	Unit 32, Ackworth Road, Shawcross Ind Park Hilsea, Portsmouth, Po3 5jp	WEX004488	Storing waste exemption	Not on a farm	Storage of waste in secure containers
F	219m NW	Unit 32, Ackworth Road, Shawcross Ind Park Hilsea, Portsmouth, Po3 5jp	WEX004488	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	219m NW	3 Shawcross Industrial Estate, Ackworth Road, Hilsea, Portsmouth, Po3 5jp	WEX005906	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	219m NW	3, Shawcross Industrial Park, Ackworth Road, Portsmouth, Po3 5jp	WEX447383	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	243m NW	3, Shawcross Industrial Park, Ackworth Road, Portsmouth, Po3 5jp	WEX187136	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	243m NW	3, Shawcross Industrial Park, Ackworth Road, Portsmouth, Po3 5jp	WEX316112	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	257m NW	Unit 32 Ackworth Road Hilsea Hampshire Po3 5jp	EPR/PH0919Y N/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
F	257m NW	Unit 32 Ackworth Road Hilsea Hampshire Po3 5jp	EPR/PH0919Y N/A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
F	291m W	Shawcross Industrial Park Ackworth Road Portsmouth Hampshire Po3 5hu	EPR/DF0804NJ /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
F	297m W	9, Shawcross Industrial Park, Ackworth Road, Portsmouth, Po3 5hu	WEX222945	Treating waste exemption	Not on a farm	Screening and blending of waste
F	336m W	Unit 26, Limberline Spur, Portsmouth, Po3 5dz	WEX181237	Using waste exemption	Not on a farm	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
F	336m W	Unit 26, Limberline Spur, Portsmouth, Po3 5dz	WEX181237	Using waste exemption	Not on a farm	Use of baled end-of-life tyres in construction
F	336m W	Unit 26, Limberline Spur, Portsmouth, Po3 5dz	WEX181237	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	336m W	Unit 26, Limberline Spur, Portsmouth, Po3 5dz	WEX181237	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	336m W	Unit 26, Limberline Spur, Portsmouth, Po3 5dz	WEX181237	Treating waste exemption	Not on a farm	Mechanical treatment of end-of-life tyres
F	336m W	Unit 26, Limberline Spur, Portsmouth, Po3 5dz	WEX181237	Treating waste exemption	Not on a farm	Manual treatment of waste
G	345m W	1, Limberline Spur, Portsmouth, Po3 5hj	WEX442621	Disposing of waste exemption	Not on a farm	Burning waste in the open
G	345m W	1, Limberline Spur, Portsmouth, Po3 5hj	WEX442621	Disposing of waste exemption	Not on a farm	Disposal by incineration
H	348m S	Broad Oak Works, Airport Service Road, Portsmouth, Po3 5pq	WEX274508	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
H	348m S	Broad Oak Works, Airport Service Road, Portsmouth, Po3 5pq	WEX323739	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
H	348m S	Broad Oak Works, Airport Service Road, Portsmouth, Po3 5pq	WEX454271	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
G	354m W	Unit 32 Portsmouth Po3 5dx	EPR/ZE5583A H/A001	Treating waste exemption	Non-agricultural waste only	Recovery of scrap metal
G	366m W	32, Limberline Spur, Portsmouth, Po3 5dx	WEX015946	Treating waste exemption	Not on a farm	Recovery of scrap metal
G	366m W	32, Limberline Spur, Portsmouth, Po3 5dx	WEX015946	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	366m W	32 Limberline Spur Portsmouth Po3 5dx	EPR/UE5184EL /A001	Disposing of waste exemption	Non-agricultural waste only	Deposit of waste from dredging of inland waters



ID	Location	Site	Reference	Category	Sub-Category	Description
G	366m W	32 Limberline Spur Portsmouth Po3 5dx	EPR/UE5184EL /A001	Storing waste exemption	Non- agricultura l waste only	Storage of waste in a secure place
G	366m W	32 Limberline Spur Portsmouth Po3 5dx	EPR/UE5184EL /A001	Treating waste exemption	Non- agricultura l waste only	Recovery of textiles
G	366m W	32 Limberline Spur Portsmouth Po3 5dx	EPR/UE5184EL /A001	Using waste exemption	Non- agricultura l waste only	Use of waste in construction
G	377m W	31, Limberline Spur, Portsmouth, Po3 5dx	WEX222318	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	377m W	31, Limberline Spur, Portsmouth, Po3 5dx	WEX222333	Treating waste exemption	Not on a farm	Recovery of textiles
I	381m SW	Oden Services 9 Limberline Road Portsmouth Po3 5jf	EPR/UF0000P W/A001	Treating waste exemption	Non- agricultura l waste only	Crushing waste fluorescent tubes
I	383m SW	Limberline Road, Portsmouth, Po3 5jf	WEX389453	Treating waste exemption	Not on a farm	Screening and blending of waste
4	402m SW	-	WEX393751	Using waste exemption	Not on a farm	Use of waste in construction
I	403m SW	Limberline Road, Portsmouth, Po3 5jf	WEX048173	Storing waste exemption	Not on a farm	Storage of waste in a secure place
J	418m W	Unit 6a And 6b, Block B, Limberline Spur, Portsmouth, Po3 5lf	WEX221148	Using waste exemption	Not on a farm	Use of waste in construction
J	418m W	Unit 6a And 6b, Block B, Limberline Spur, Portsmouth, Po3 5lf	WEX221148	Using waste exemption	Not on a farm	Use of baled end-of-life tyres in construction
J	418m W	Unit 6a And 6b, Block B, Limberline Spur, Portsmouth, Po3 5lf	WEX221148	Using waste exemption	Not on a farm	Use of waste for a specified purpose
J	418m W	Unit 6a And 6b, Block B, Limberline Spur, Portsmouth, Po3 5lf	WEX221148	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
J	418m W	Unit 6a And 6b, Block B, Limberline Spur, Portsmouth, Po3 5lf	WEX221148	Treating waste exemption	Not on a farm	Mechanical treatment of end-of-life tyres
J	418m W	Unit 6a And 6b, Block B, Limberline Spur, Portsmouth, Po3 5lf	WEX221148	Storing waste exemption	Not on a farm	Storage of waste in a secure place
I	418m SW	Verreccia Building Limberline Road Portsmouth Hampshire Po3 5jf	EA/EPR/VP374 1HU/A001	Treating waste exemption	Non-agricultural waste only	Repair or refurbishment of WEEE
K	435m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX422419	Storing waste exemption	Not on a farm	Storage of waste in a secure place
K	435m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX422419	Treating waste exemption	Not on a farm	Recovery of scrap metal
K	435m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX422419	Storing waste exemption	Not on a farm	Storage of waste in secure containers
K	435m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX422419	Treating waste exemption	Not on a farm	Sorting mixed waste
K	435m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX422419	Using waste exemption	Not on a farm	Use of waste in construction
K	435m W	The Recycled Assets Company, Unit 2b Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX453570	Storing waste exemption	Not on a farm	Storage of waste in a secure place
K	436m W	Unit 2b Limberline Road, Portsmouth, Hampshire, Po3 5js	EA/EPR/VP394 7KP/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
K	437m W	2b Limberline Road Portsmouth Portsmouth City Council Po3 5js	EPR/MF0406E A/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in secure containers
K	437m W	2b Limberline Road Portsmouth Portsmouth City Council Po3 5js	EPR/MF0406E A/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
K	437m W	2b Limberline Road Portsmouth Portsmouth City Council Po3 5js	EPR/MF0406E A/A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
K	437m W	2b Limberline Road Portsmouth Portsmouth City Council Po3 5js	EPR/MF0406E A/A001	Treating waste exemption	Non- agricultura l waste only	Sorting mixed waste
K	437m W	2b Limberline Road Portsmouth Portsmouth City Council Po3 5js	EPR/MF0406E A/A001	Treating waste exemption	Non- agricultura l waste only	Manual treatment of waste
K	437m W	2b Limberline Road Portsmouth Portsmouth City Council Po3 5js	EPR/MF0406E A/A001	Treating waste exemption	Non- agricultura l waste only	Recovery of scrap metal
K	437m W	2b Limberline Road Portsmouth Portsmouth City Council Po3 5js	EPR/MF0406E A/A001	Using waste exemption	Non- agricultura l waste only	Use of waste to manufacture finished goods
K	448m W	Traco Uk Ltd 2b, Limberline Road, Portsmouth, Po3 5js	EXP/YP3547YT	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX155103	Treating waste exemption	Not on a farm	Sorting mixed waste
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX155103	Treating waste exemption	Not on a farm	Recovery of scrap metal
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX155103	Storing waste exemption	Not on a farm	Storage of waste in a secure place
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX155103	Storing waste exemption	Not on a farm	Storage of waste in secure containers
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX155103	Using waste exemption	Not on a farm	Use of waste in construction
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX292420	Treating waste exemption	Not on a farm	Sorting mixed waste
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX292420	Treating waste exemption	Not on a farm	Recovery of scrap metal
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX292420	Storing waste exemption	Not on a farm	Storage of waste in a secure place
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX292420	Storing waste exemption	Not on a farm	Storage of waste in secure containers
K	448m W	2b, Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX292420	Using waste exemption	Not on a farm	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
K	448m W	The Recycled Assets Company, Unit 2b Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX321925	Storing waste exemption	Not on a farm	Storage of waste in a secure place
K	448m W	The Recycled Assets Company, Unit 2b Limberline Road, Hilsea, Portsmouth, Po3 5js	WEX192848	Storing waste exemption	Not on a farm	Storage of waste in a secure place
K	448m W	Unit 2 Limberline Road, Hilsea, Portsmouth, Po3 5js	EA/EPR/VP384 OWD/A001	Treating waste exemption	Non-agricultural waste only	Repair or refurbishment of WEEE
K	448m W	2b Limberline Road, Portsmouth, Po3 5js	NC3/000064	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
K	448m W	2b Limberline Road, Portsmouth, Po3 5js	EXP/WP3047L K	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
L	485m NE	Colas Ltd Walton Road Portsmouth Po6 1ta	EPR/NE5842ES /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX151699	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
L	485m NE	Murphys Yard, Walton Road, Portsmouth, Po6 1ta	WEX069918	Using waste exemption	Not on a farm	Use of waste in construction
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX151699	Using waste exemption	Not on a farm	Use of mulch
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX158045	Storing waste exemption	Not on a farm	Storage of waste in a secure place
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX132121	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX132121	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX258436	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX258435	Using waste exemption	Not on a farm	Use of waste in construction
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX115876	Using waste exemption	Not on a farm	Use of waste in construction

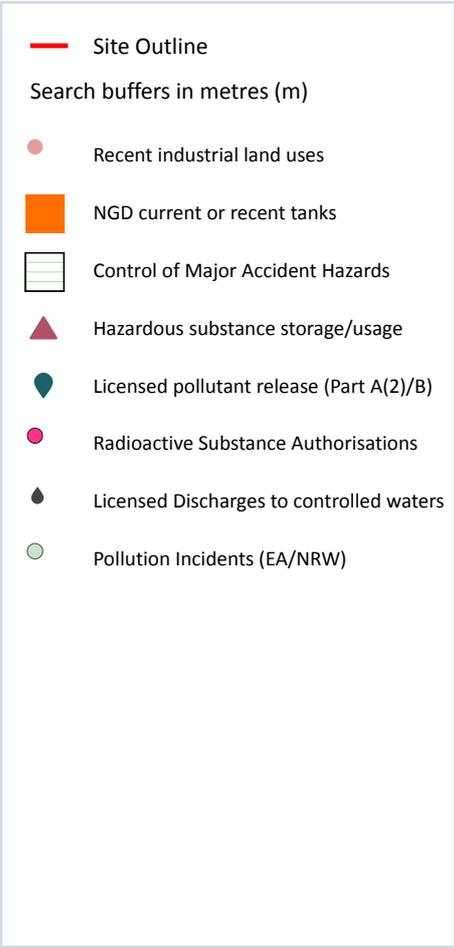
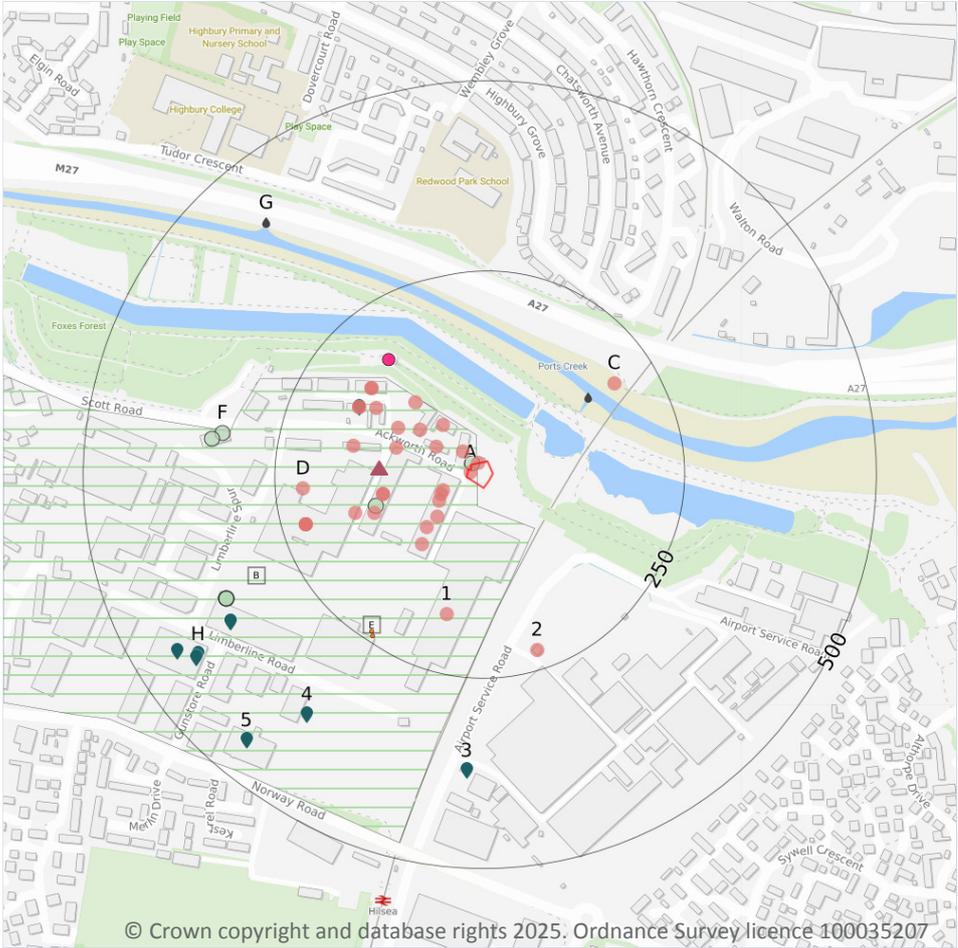


ID	Location	Site	Reference	Category	Sub-Category	Description
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX115873	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX274276	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
L	485m NE	Walton Road, Portsmouth, Po6 1ta	WEX274276	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
L	485m NE	Walton Road, Drayton, Portsmouth, Po6 1ta	WEX295230	Storing waste exemption	Not on a farm	Storage of waste in a secure place
L	488m NE	Colas Ltd Walton Road Portsmouth Po6 1ta	EPR/HE5155F N/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
M	500m SW	Brynwell Southern Limited, 6-7 Culverin Square, Limberline Road, Portsmouth, Po3 5bu	WEX279289	Using waste exemption	Not on a farm	Use of waste in construction
M	500m SW	Brynwell Southern Limited, 6-7 Culverin Square, Limberline Road, Portsmouth, Po3 5bu	WEX407965	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 **32**

Current potentially contaminative industrial sites.
 Features are displayed on the Current industrial land use map on [page 47 >](#)

ID	Location	Company	Address	Activity	Category
A	On site	Recycling Business	Hampshire, PO3	Recycling Centres	Infrastructure and Facilities
A	On site	Hughes Waste	Ackworth Road, Portsmouth, Hampshire, PO3 5NS	Construction and Tool Hire	Hire Services

ID	Location	Company	Address	Activity	Category
A	21m NW	Motorworld Car Bodyshop Ltd	Unit 11, Ackworth Road, Portsmouth, Hampshire, PO3 5NS	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	35m SW	Pressco Precision Engineering Ltd	Unit 22-23 Ordnance Court, Ackworth Road, Portsmouth, Hampshire, PO3 5RZ	Precision Engineers	Engineering Services
A	40m SW	Kestrel Cycle Stands	21-23 Ordnance Court, Ackworth Road, Portsmouth, Hampshire, PO3 5RZ	Vehicle Components	Industrial Products
A	48m SW	etyres	Unit 21 Ordnance Court, Ackworth Road, Portsmouth, Hampshire, PO3 5RZ	Vehicle Parts and Accessories	Motoring
A	51m NW	Allstyles Scooters	Front Unit Unit 9-10, Ackworth Road, Portsmouth, Hampshire, PO3 5NS	New Vehicles	Motoring
A	64m NW	Archimedes Metals Ltd	Unit 9-10, Ackworth Road, Portsmouth, Hampshire, PO3 5NS	Scrap Metal Merchants	Recycling Services
A	65m SW	Works	Hampshire, PO3	Unspecified Works Or Factories	Industrial Features
A	80m NW	B S Steels	Unit 33, Ackworth Road, Portsmouth, Hampshire, PO3 5NS	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
A	84m SW	M & R Fresh & Frozen	Unit 17 Ordnance Court, Ackworth Road, Portsmouth, Hampshire, PO3 5RZ	Catering and Non Specific Food Products	Foodstuffs
A	98m W	Electricity Sub Station	Hampshire, PO3	Electrical Features	Infrastructure and Facilities
A	106m SW	C T S Europe	Unit 14 Ordnance Court, Ackworth Road, Portsmouth, Hampshire, PO3 5RZ	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
A	107m NW	Electricity Sub Station	Hampshire, PO3	Electrical Features	Infrastructure and Facilities
A	110m NW	Mast	Hampshire, PO3	Telecommunications Features	Infrastructure and Facilities
A	111m W	Mitsiart	Unit 6 Venture Court, Ackworth Road, Portsmouth, Hampshire, PO3 5RY	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	111m W	Bodyworks Inc	Unit 11a Venture Court, Ackworth Road, Portsmouth, Hampshire, PO3 5RY	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
A	129m W	2 Pac's Custom Paint & Body Shop	Unit 9 Venture Court, Ackworth Road, Portsmouth, Hampshire, PO3 5RY	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	144m NW	Stuarts Bodyshop	Unit 5 Shawcross Industrial Park, Ackworth Road, Portsmouth, Hampshire, PO3 5HU	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	153m W	Electricity Sub Station	Hampshire, PO3	Electrical Features	Infrastructure and Facilities
A	153m W	Ackworth M O T Centre	Unit 6b Shawcross Industrial Park, Ackworth Road, Portsmouth, Hampshire, PO3 5HU	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	164m NW	Gravel Hill Car Sales Ltd	Unit 5a Shawcross Industrial Park, Ackworth Road, Portsmouth, Hampshire, PO3 5HU	Secondhand Vehicles	Motoring
A	164m NW	Wright's Auto Trimmers	Unit 5a, Shawcross Industrial Park, Ackworth Road, Portsmouth, Hampshire, PO3 5HU	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	164m NW	Southern Bike Spares	Shawcross Industrial Park, Ackworth Road, Portsmouth, Hampshire, PO3 5JP	Vehicle Components	Industrial Products
A	164m NW	T C M Tuning	3 Venture Court, Ackworth Road, Portsmouth, Hampshire, PO3 5RY	Vehicle Repair, Testing and Servicing	Repair and Servicing
1	173m S	Works	Hampshire, PO3	Unspecified Works Or Factories	Industrial Features
C	195m NE	Slipway	Hampshire, PO3	Moorings and Unloading Facilities	Water
D	214m W	Venture Industrial Park	Hampshire, PO3	Business Parks and Industrial Estates	Industrial Features
D	218m W	Matrix Foods Ltd	Polarkold Distribution Centre, Ackworth Road, Portsmouth, Hampshire, PO3 5JT	Catering and Non Specific Food Products	Foodstuffs
D	218m W	Profreight	Polarkold Distribution Centre, Ackworth Road, Portsmouth, Hampshire, PO3 5JT	Distribution and Haulage	Transport, Storage and Delivery
D	218m W	Ferryspeed	Polarkold Distribution Centre, Ackworth Road, Portsmouth, Hampshire, PO3 5JT	Distribution and Haulage	Transport, Storage and Delivery
2	224m S	Electricity Sub Station	Hampshire, PO3	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.



4.2 National Geographic Database (NGD) - Current or recent tanks

Records within 250m

4

Current or recent tanks identified from the Ordnance Survey NGD.

Features are displayed on the Current industrial land use map on [page 47 >](#)

ID	Location	Tank description	Activity	Date first identified
E	235m SW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	28/10/2021
E	235m SW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	28/10/2021
E	239m SW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	28/10/2021
E	239m SW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	28/10/2021

This data is sourced from Ordnance Survey.

4.3 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.4 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.5 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.



4.6 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.

4.7 Control of Major Accident Hazards (COMAH)

Records within 500m

1

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.

Features are displayed on the Current industrial land use map on [page 47 >](#)

ID	Location	Company	Address	Operational status	Tier
B	On site	R S Hill & Sons (t/a Ag&wr Hill)	R S Hill And Sons (t/a Ag&wr Hill), Limberline Industrial Estate, Hilsea, Portsmouth, PO3 5BU	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.8 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.

4.9 Hazardous substance storage/usage

Records within 500m

1

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.

Features are displayed on the Current industrial land use map on [page 47 >](#)



ID	Location	Details	
A	115m W	Application reference number: A*33510/HZ1 Application status: Approved Application date: 30/07/1992 Address: R S Hill & Sons, Land off Ackworth Road, Venture Industrial Park, Hilsea, Portsmouth, Portsmouth City Council, England, PO3 5NS	Details: For The Storage Of Established Quantity Of 120 Tonnes Of Commercial Propane And D Butane To Comply With The Requirements Of The (hz Substances) Act 1990 - Section 11 And The Planning (hz Substances) Regulations 1992, Regulation 14. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.10 Historical licensed industrial activities (IPC)

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

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

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

4.11 Licensed industrial activities (Part A(1))

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

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

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

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

Records within 500m	9
----------------------------	----------

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 47 >](#)

ID	Location	Address	Details	
A	164m NW	Outlook UK Ltd, Unit 5a Shawcross Industrial Park, Ackworth Road, Portsmouth, Hampshire, PO3 5JP	Process: Combustion & Incineration Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No enforcements notified Comment: No enforcements notified

ID	Location	Address	Details	
B	363m SW	Field Packaging Ltd, Limberline Road, Hilsea, PO3 5JF	Process: Printing Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No enforcements notified Comment: No enforcements notified
B	363m SW	Multi Packing Solutions (Formerly Chesapeake (Field P)), Limberline Road, Hilsea, Portsmouth, PO3 5JF	Process: Printing Status: Historical Permit Permit Type: Part A2	Enforcement: No Enforcements Notified Date of enforcement: No enforcements notified Comment: No enforcements notified
3	372m S	Marconi Systems Broad Oak Wks, The Airport, Portsmouth, Hampshire, PO3 5PQ	Process: Non-ferrous Metal Foundry Processes ; Surface Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No enforcements notified Comment: No enforcements notified
4	375m SW	Allslade Ltd, Limberline Road, Portsmouth, PO3 5JF	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No enforcements notified Comment: No enforcements notified
H	421m SW	Lbl Finishers, Gunstore Rd, Portsmouth, Hampshire, PO3 5HL	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No enforcements notified Comment: No enforcements notified
H	426m SW	Tomburn Ltd, Gunstore Road, Hilsea, PO3 5HL	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No enforcements notified Comment: No enforcements notified
H	442m SW	LBL Finishers (Tomburn Ltd), Gunstore Road, Portsmouth, PO3 5HL	Process: Coating Processes; Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No enforcements notified Comment: No enforcements notified



ID	Location	Address	Details	
5	450m SW	Arlington Motors, Norway Road, Portsmouth, Hampshire, PO3 5EP	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

This data is sourced from Local Authority records.

4.13 Radioactive Substance Authorisations

Records within 500m	1
----------------------------	----------

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

Features are displayed on the Current industrial land use map on [page 47 >](#)

ID	Location	Address	Details	
A	174m NW	Portsmouth City Council, Civic Offices, Guildhall Square, Portsmouth, PO1 2AL	Operator: Portsmouth City Council Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BS1813 Date of approval: 26/06/2002	Effective from: 26/06/2002 Last date of update: 01/01/2015 Status: Revoked/cancelled

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

4.14 Licensed Discharges to controlled waters

Records within 500m	6
----------------------------	----------

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

Features are displayed on the Current industrial land use map on [page 47 >](#)

ID	Location	Address	Details	
C	156m NE	PORTS CREEK, PORTS CREEK, NEAR HILSEA, PORTSMOUTH	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: H02839 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 13/07/1962 Effective Date: 13/07/1962 Revocation Date: 26/11/1998

ID	Location	Address	Details	
G	415m NW	COSHAM PS, COSHAM PS, COURT LANE, PORTSMOUTH, HAMPSHIRE, PO6 2PL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: D00016 Permit Version: 2 Receiving Water: PORTS CREEK	Status: REVOKED - UNSPECIFIED Issue date: 17/06/1994 Effective Date: 17/06/1994 Revocation Date: 31/12/1994
G	415m NW	COSHAM PS, COSHAM PS, COURT LANE, PORTSMOUTH, HAMPSHIRE, PO6 2PL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: D00016 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/04/1991 Effective Date: 01/04/1991 Revocation Date: 17/06/1994
G	415m NW	COSHAM PS, COSHAM PS, COURT LANE, PORTSMOUTH, HAMPSHIRE, PO6 2PL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A00657 Permit Version: 1 Receiving Water: PORTS CREEK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 26/11/1993 Effective Date: 01/01/1995 Revocation Date: 19/02/2006
G	415m NW	COSHAM PS, COSHAM PS, COURT LANE, PORTSMOUTH, HAMPSHIRE, PO6 2PL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A00657 Permit Version: 2 Receiving Water: PORTS CREEK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 20/02/2006 Effective Date: 20/02/2006 Revocation Date: -
G	415m NW	COSHAM PS, COSHAM PS, COURT LANE, PORTSMOUTH, HAMPSHIRE, PO6 2PL	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: A00657 Permit Version: 2 Receiving Water: PORTS CREEK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 20/02/2006 Effective Date: 20/02/2006 Revocation Date: -

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

4.15 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.



4.16 Pollutant release to public sewer

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

Discharges of Special Category Effluents to the public sewer.

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

4.17 List 1 Dangerous Substances

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

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

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

4.18 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.

4.19 Pollution Incidents (EA/NRW)

Records within 500m	7
----------------------------	----------

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 47 >](#)

ID	Location	Details	
A	2m N	Incident Date: 14/05/2010 Incident Identification: 779712 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
A	124m W	Incident Date: 11/11/2003 Incident Identification: 201095 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

ID	Location	Details	
F	324m W	Incident Date: 09/12/2002 Incident Identification: 125272 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
F	335m W	Incident Date: 22/05/2018 Incident Identification: 1615627 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
B	352m SW	Incident Date: 02/05/2003 Incident Identification: 155522 Pollutant: Atmospheric Pollutants and Effects:Contaminated Water Pollutant Description: Fumes:Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
B	352m SW	Incident Date: 02/05/2003 Incident Identification: 155522 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
B	352m SW	Incident Date: 02/05/2003 Incident Identification: 155522 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Fumes	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.

4.20 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.

4.21 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.



4.22 Pollution inventory radioactive waste

Records within 500m

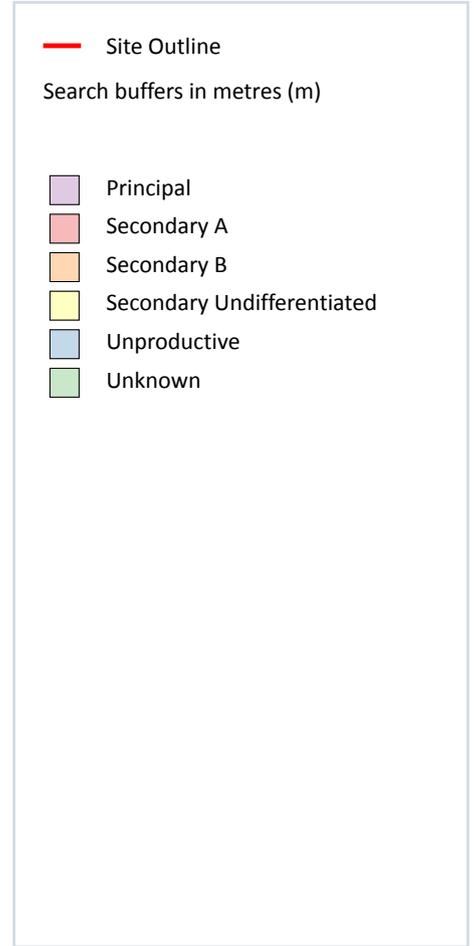
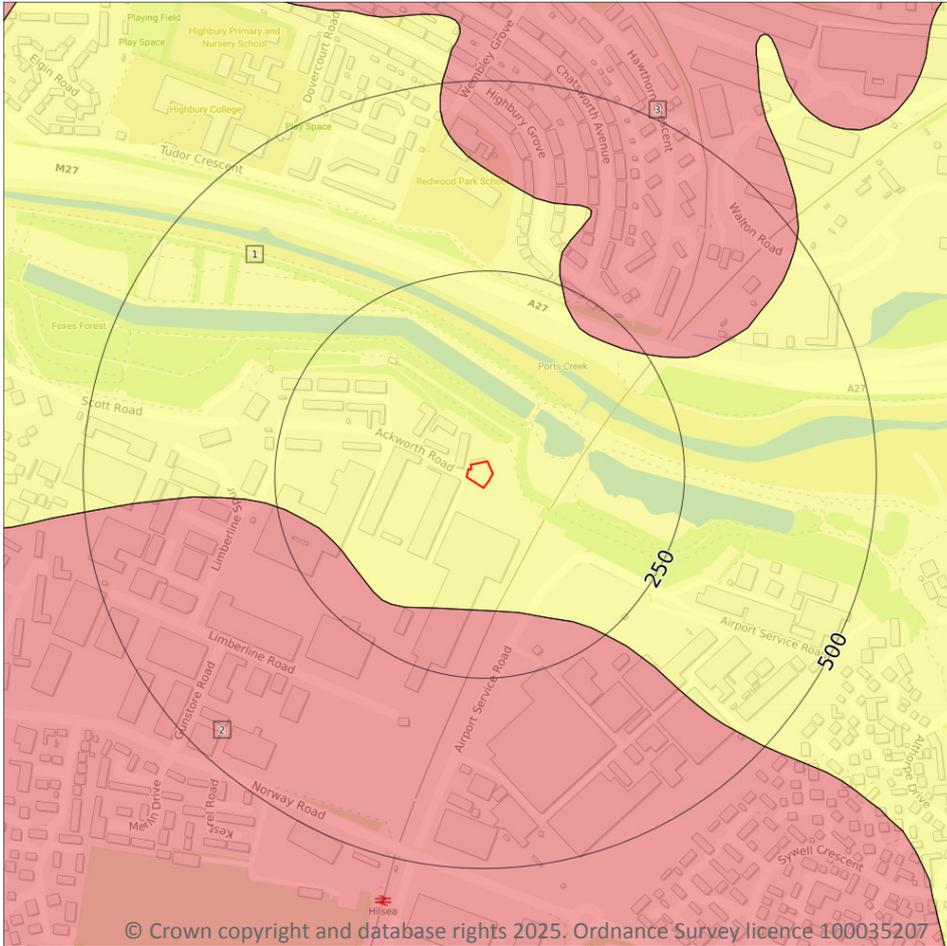
0

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



5.1 Superficial aquifer

Records within 500m

3

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 59 >](#)

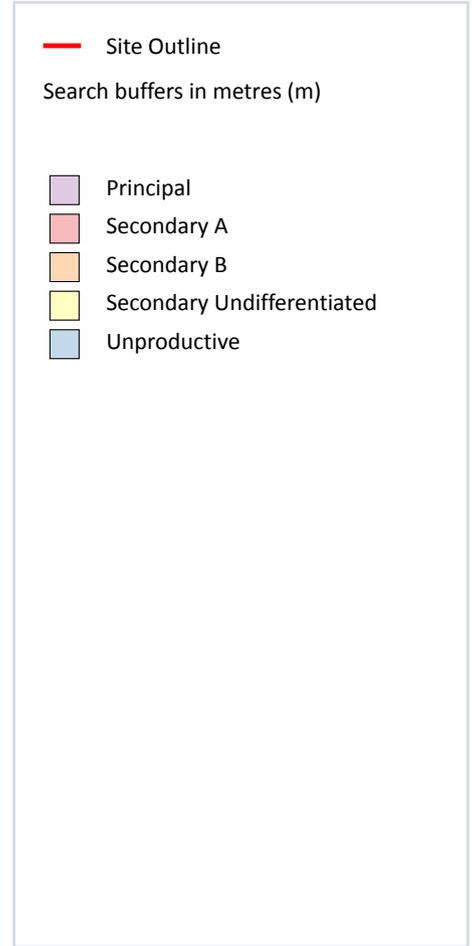
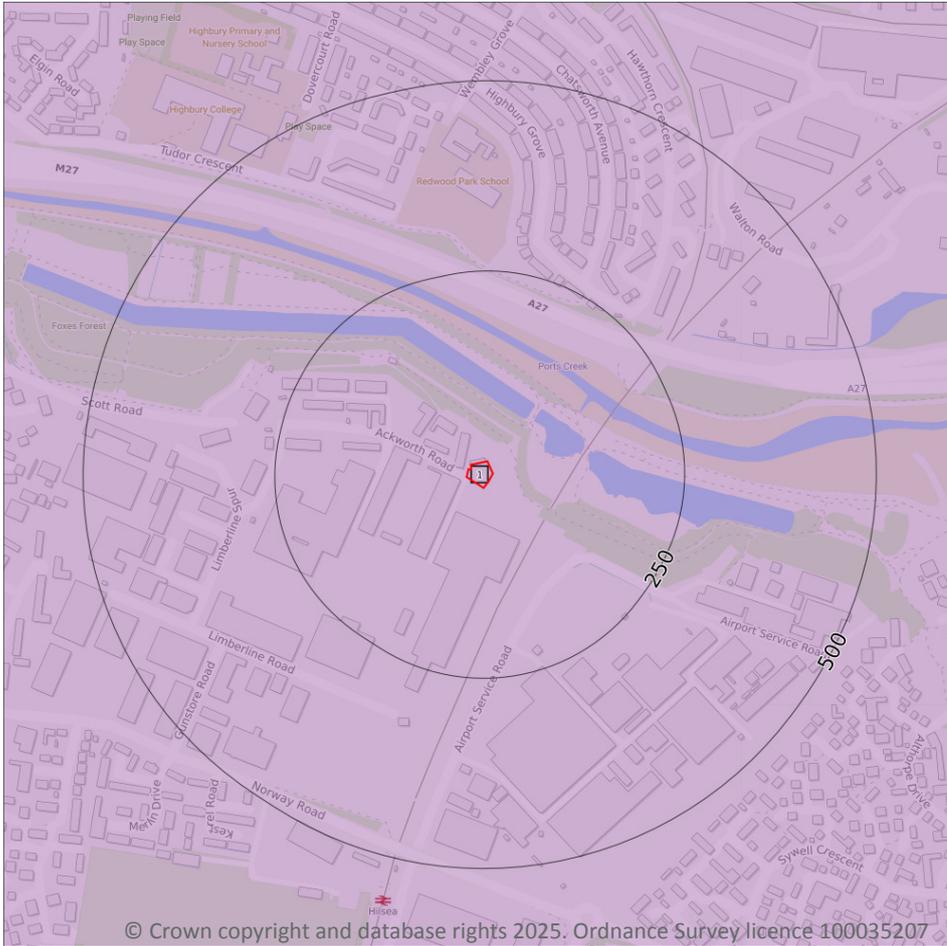
ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	161m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

ID	Location	Designation	Description
3	212m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

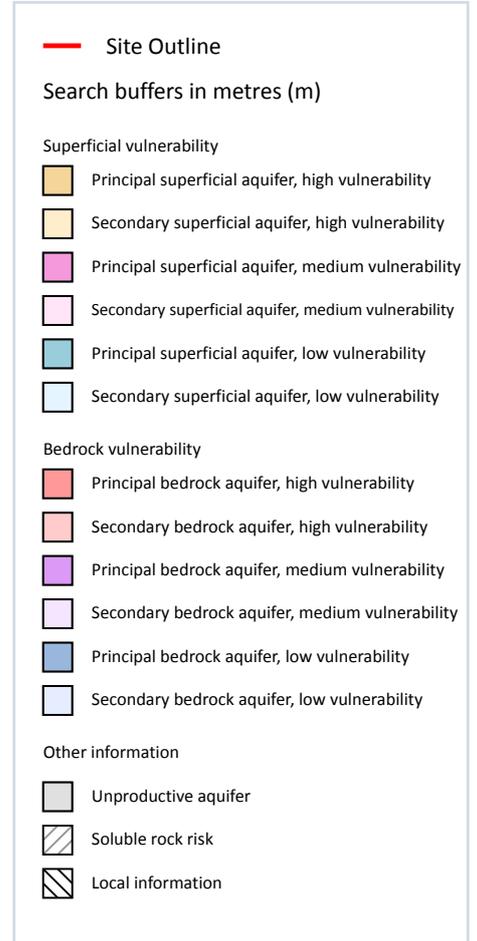
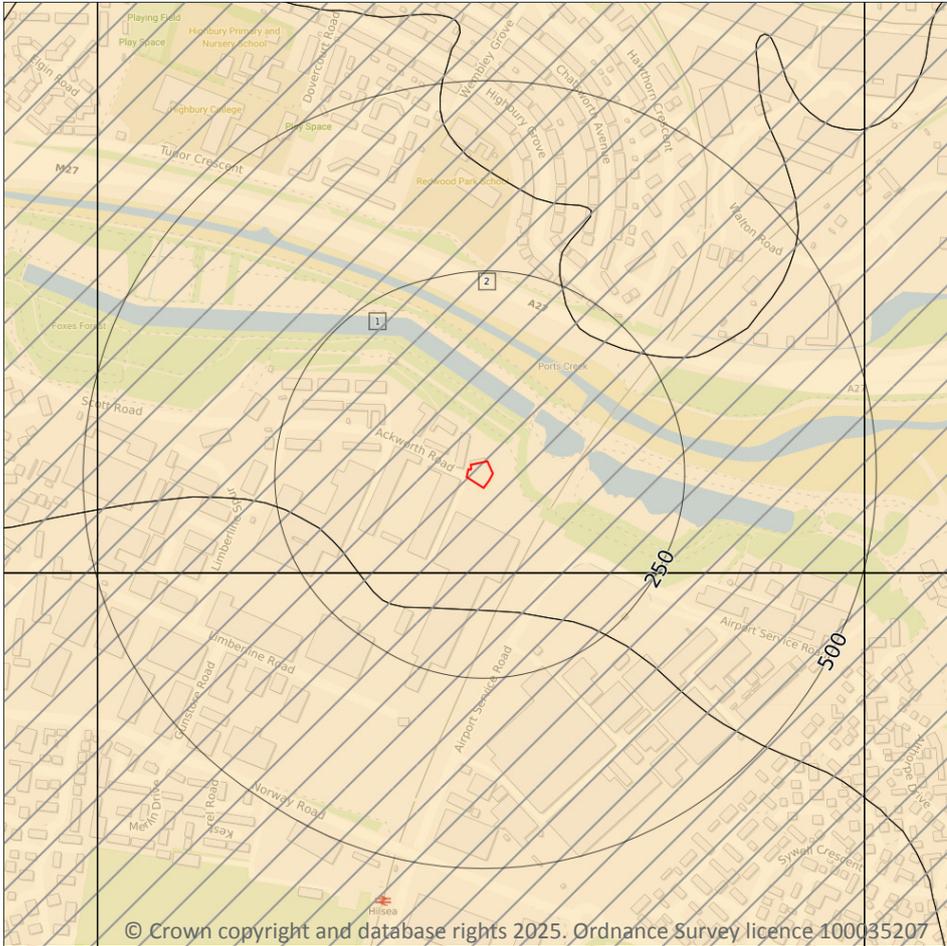
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 61](#) >

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

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

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

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

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

Features are displayed on the Groundwater vulnerability map on [page 62 >](#)



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

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	1
------------------------	----------

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
2	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	95.0%

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

5.5 Groundwater vulnerability- local information

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

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

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

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

1

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 64 >](#)

ID	Location	Details	
-	1036m NE	Status: Historical Licence No: 11/42/34/1 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Southern Region Groundwater Point: STATION ROAD, PORTSMOUTH Data Type: Point Name: Dairy Farmers of Britain Easting: 467220 Northing: 104900	Annual Volume (m ³): 397775 Max Daily Volume (m ³): 1091 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 103 Version Start Date: 11/11/2004 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 64 >](#)

ID	Location	Details	
-	1981m W	Status: Active Licence No: 11/42/34/5 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: POLDER LAKE, NORTH HARBOUR, COSHAM Data Type: Point Name: North Harbour Unit Trust Easting: 464610 Northing: 104780	Annual Volume (m ³): 1818 Max Daily Volume (m ³): 22.7 Original Application No: - Original Start Date: 17/01/1977 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2016 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)

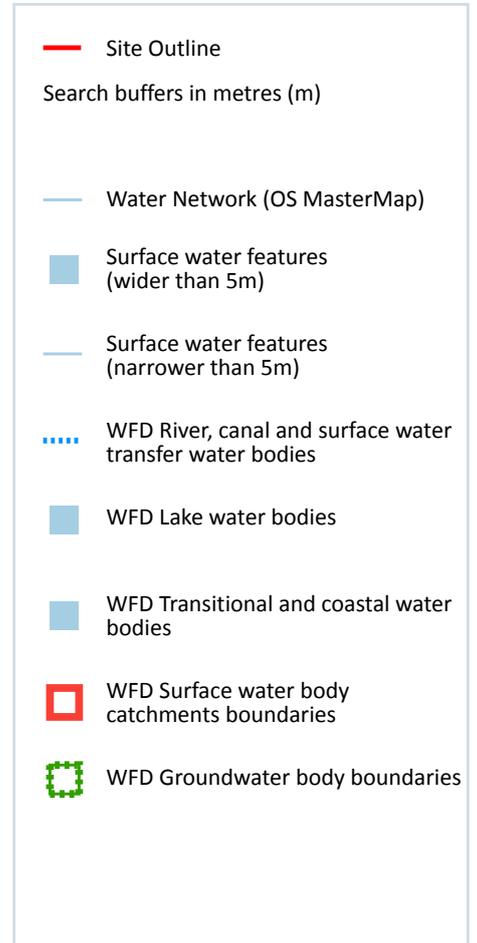
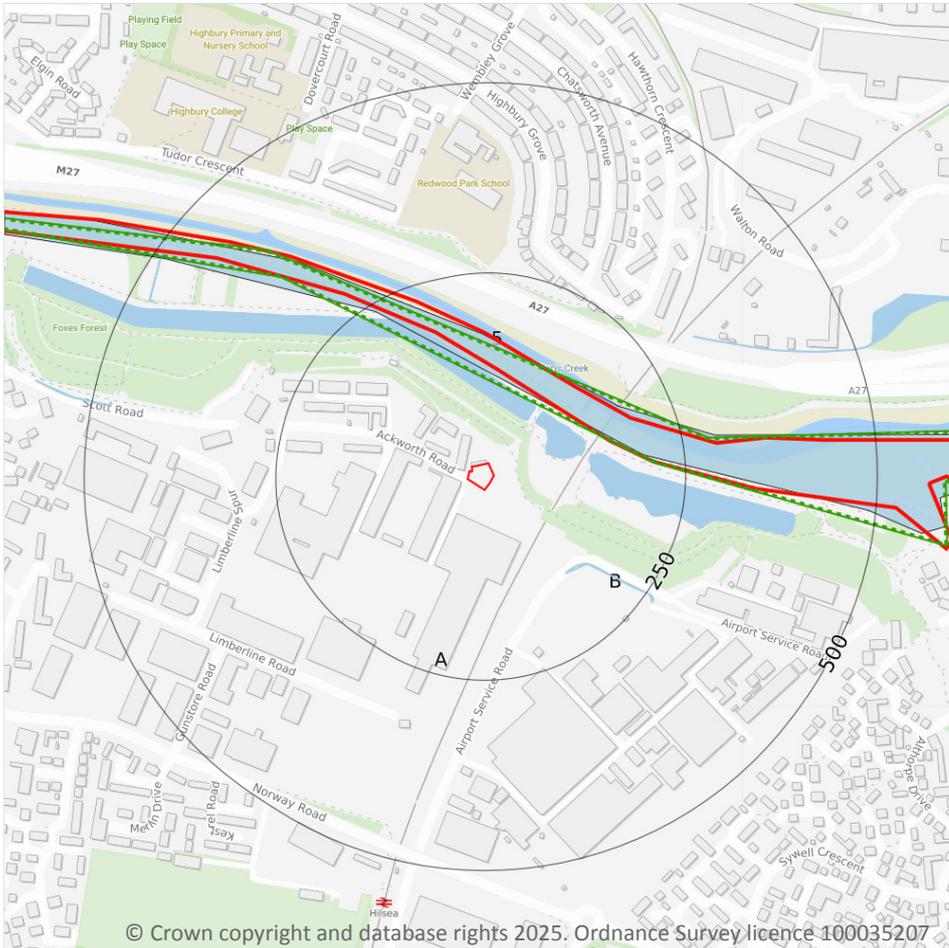
Records within 500m

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

2

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 67](#) >

ID	Location	Type of water feature	Ground level	Permanence	Name
B	152m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
5	153m NE	Tidal river or stream.	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	4
----------------------------	----------

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 67 >](#)

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 67 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	Coastal Catchment	Not part of a river WB catchment	216	East Hampshire Rivers	East Hampshire

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

6.4 WFD Surface water bodies

Records identified	1
---------------------------	----------

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the



water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed. Features are displayed on the Hydrology map on [page 67 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
3	106m NE	Transi	LANGSTONE HARBOUR	GB580705130000 ↗	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
------------------------	----------

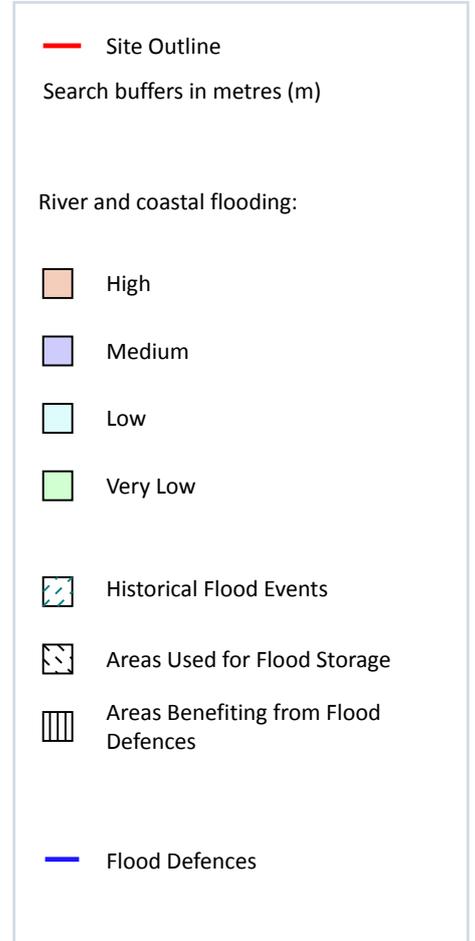
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 67 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	East Hants Chalk	GB40701G502700 ↗	Poor	Poor	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

9

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 70 >](#)

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

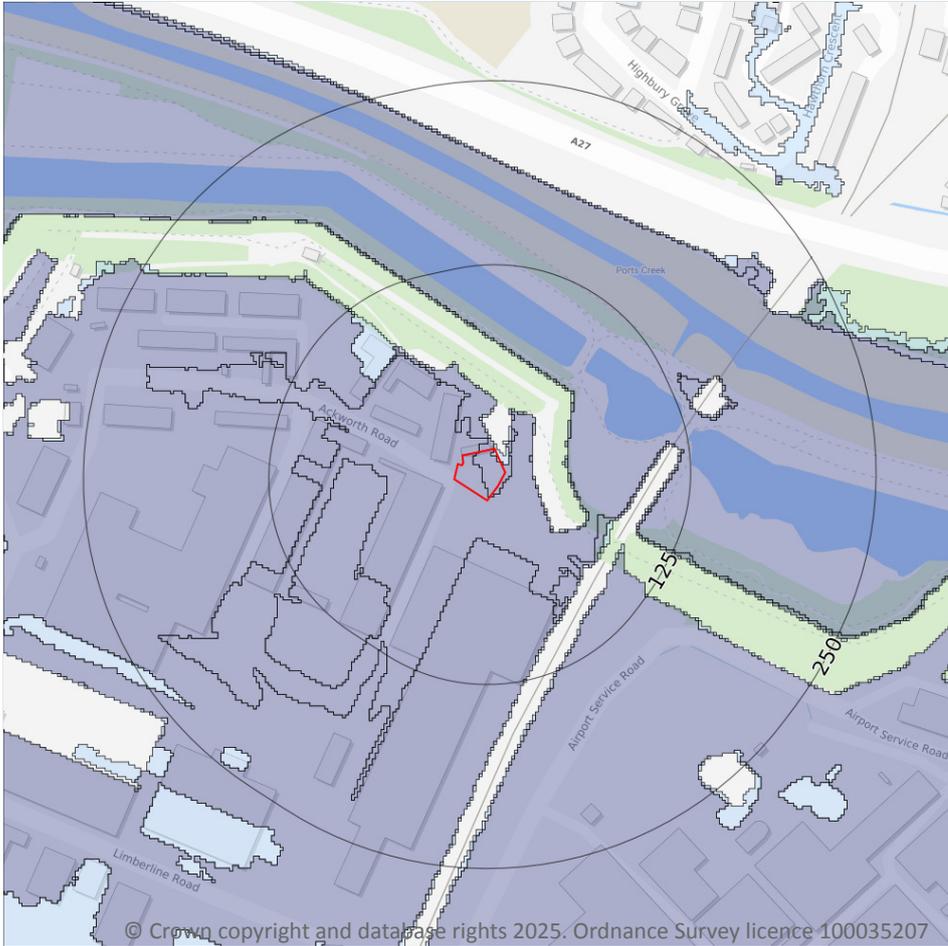
Records within 250m	0
----------------------------	----------

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 70](#) >

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

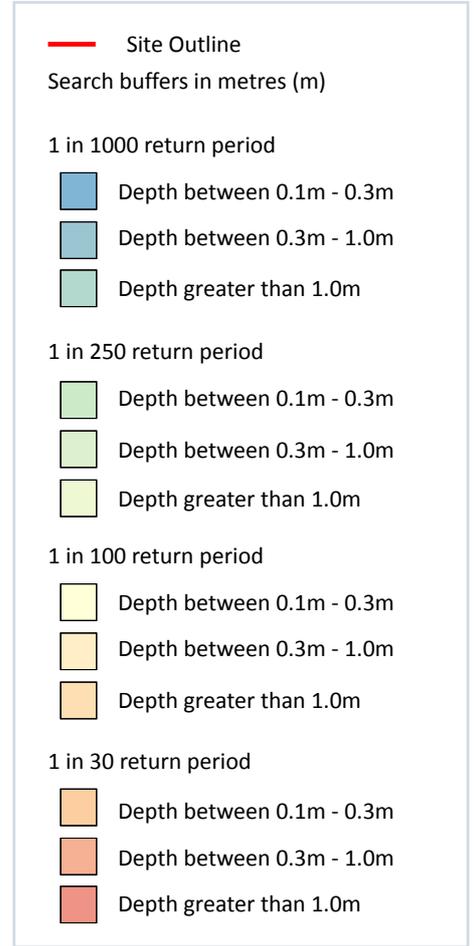
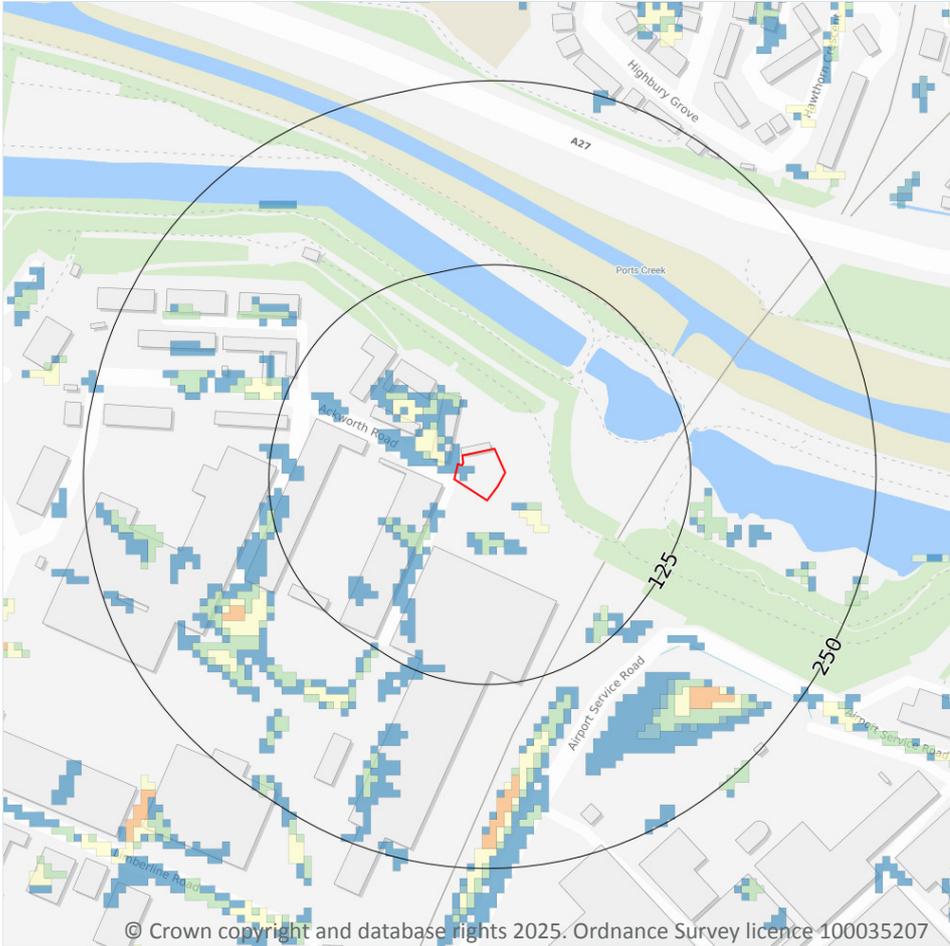
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on [page 70 >](#)

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 1000 year, 0.1m - 0.3m

Highest risk within 50m

1 in 100 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on [page 74 >](#)

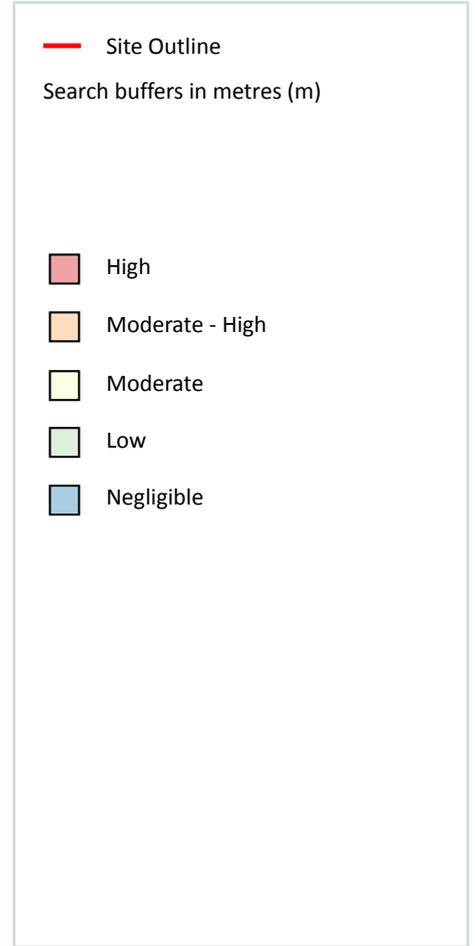
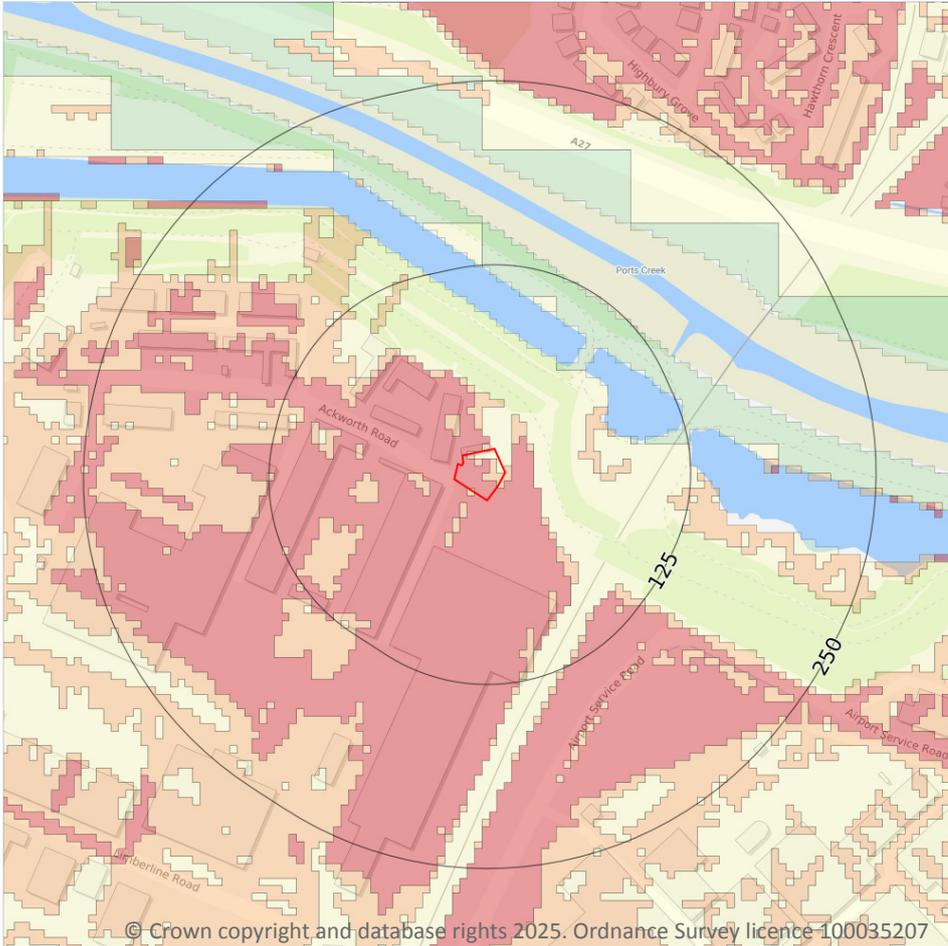
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

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

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

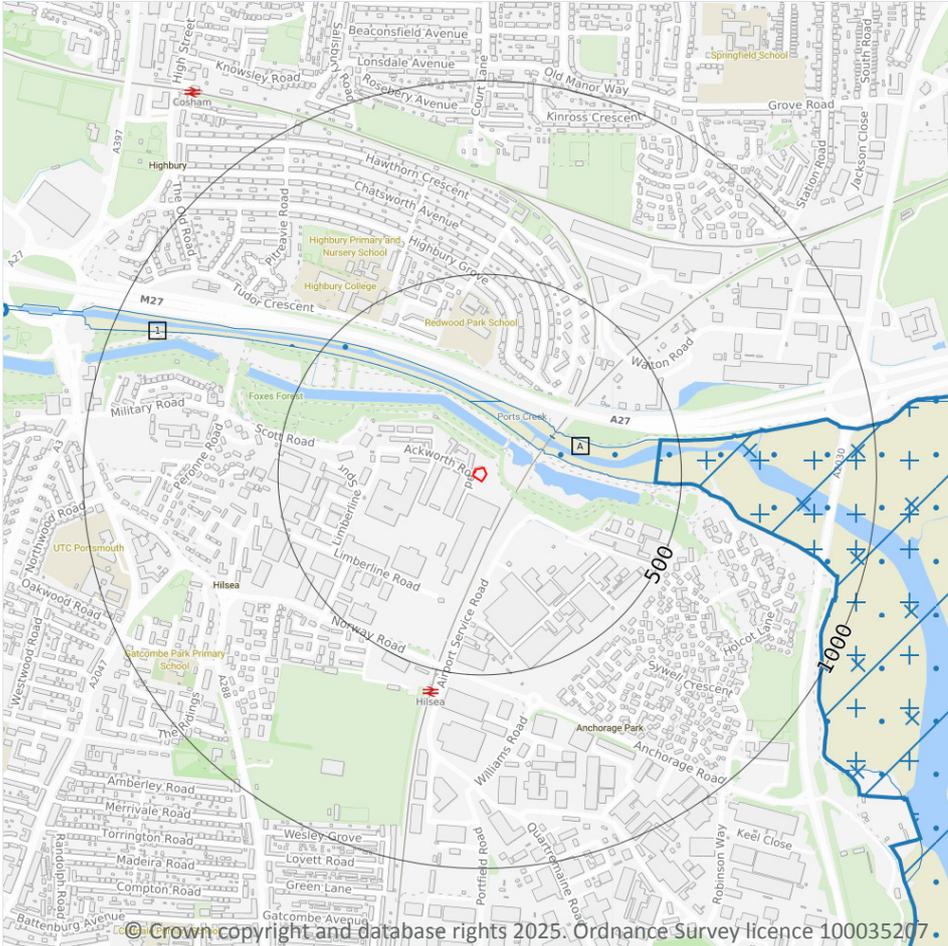
Highest risk on site	High
Highest risk within 50m	High

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

Features are displayed on the Groundwater flooding map on [page 76 >](#)

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



— Site Outline

Search buffers in metres (m)

-  Sites of Special Scientific Interest (SSSI)
-  Conserved wetland sites (Ramsar sites)
-  Special Areas of Conservation (SAC)
-  Special Protection Areas (SPA)
-  Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

2

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

Features are displayed on the Environmental designations map on [page 77 >](#)

ID	Location	Name	Data source
2	434m E	Langstone Harbour SSSI	Natural England

ID	Location	Name	Data source
7	1267m W	Portsmouth Harbour SSSI	Natural England

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	2
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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.

Features are displayed on the Environmental designations map on [page 77 >](#)

ID	Location	Site	Details
3	434m E	Name: Chichester and Langstone Harbours Site status: Listed Data source: Natural England	Overview: Chichester and Langstone Harbours are large, sheltered estuarine basins comprising extensive mud and sand flats exposed at low tide. The site is of particular significance for over-wintering wildfowl and waders and also a wide range of coastal and transitional habitats supporting important plant and animal communities. Ramsar criteria: Ramsar criterion 1 Two large estuarine basins linked by the channel which divides Hayling Island from the main Hampshire coastline. The site includes intertidal mudflats, saltmarsh, sand and shingle spits and sand dunes.

ID	Location	Site	Details
8	1267m W	Name: Portsmouth Harbour Site status: Listed Data source: Natural England	<p>Overview: Portsmouth Harbour is a large industrialised estuary and includes one of the four largest expanses of mudflats and tidal creeks on the south coast of Britain. The mudflats support large beds of narrow-leaved and dwarf eelgrass, extensive green alga and sea lettuce. The harbour has only a narrow connection to the sea via the Solent, and receives comparatively little freshwater, thus giving it an unusual hydrology. The site supports internationally important numbers of wintering dark-bellied brent geese and nationally important numbers of grey plover, dunlin and black-tailed godwit.</p> <p>Ramsar criteria: Ramsar criterion 3 The intertidal mudflat areas possess extensive beds of eelgrass <i>Zostera angustifolia</i> and <i>Zostera noltei</i> which support the grazing dark-bellied brent geese populations. The mud-snail <i>Hydrobia ulvae</i> is found at extremely high densities, which helps to support the wading bird interest of the site. Common cord-grass <i>Spartina anglica</i> dominates large areas of the saltmarsh and there are also extensive areas of green algae <i>Enteromorpha</i> spp. and sea lettuce <i>Ulva lactuca</i>. More locally the saltmarsh is dominated by sea purslane <i>Halimione portulacoides</i> which gradates to more varied communities at the higher shore levels. The site also includes a number of saline lagoons hosting nationally important species.</p>

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

2

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.

Features are displayed on the Environmental designations map on [page 77 >](#)



ID	Location	Name	Features of interest	Habitat description	Data source
4	434m E	Solent Maritime	Subtidal sandbanks; Estuaries; Intertidal mudflats and sandflats; Lagoons; Annual vegetation of drift lines; Coastal shingle vegetation outside the reach of waves; Glasswort and other annuals colonising mud and sand; Cord-grass swards; Atlantic salt meadows; Shifting dunes with marram; Dune grassland; Desmoulin's whorl snail; Otter; Common seal	Broad-leaved deciduous woodland; Shingle, Sea cliffs, Islets; Coastal sand dunes, Sand beaches, Machair; Salt marshes, Salt pastures, Salt steppes; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Marine areas, Sea inlets	Natural England
-	1546m E	Solent & Isle of Wight Lagoons	Lagoons; Glasswort and other annuals colonising mud and sand; Atlantic salt meadows	Salt marshes, Salt pastures, Salt steppes; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins)	Natural England

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

10.4 Special Protection Areas (SPA)

Records within 2000m	10
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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.

Features are displayed on the Environmental designations map on [page 77 >](#)

ID	Location	Name	Species of interest	Habitat description	Data source
A	122m NE	Solent and Dorset Coast	Sandwich tern; Common tern; Little tern	Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Shingle, Sea cliffs, Islets; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites)	Natural England
1	172m N	Solent and Dorset Coast	Sandwich tern; Common tern; Little tern	Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Shingle, Sea cliffs, Islets; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites)	Natural England

ID	Location	Name	Species of interest	Habitat description	Data source
A	189m NE	Solent and Dorset Coast	Sandwich tern; Common tern; Little tern	Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Shingle, Sea cliffs, Islets; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites)	Natural England
5	434m E	Chichester and Langstone Harbours	Common shelduck; Eurasian wigeon; Eurasian teal; Northern pintail; Northern shoveler; Red-breasted merganser; Ringed plover; Grey plover; Sanderling; Bar-tailed godwit; Eurasian curlew; Common redshank; Ruddy turnstone; Sandwich tern; Common tern; Little tern; Dunlin; Dark-bellied brent goose	Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Inland water bodies (Standing water, Running water); Heath, Scrub, Maquis and Garrigue, Phygrana; Humid grassland, Mesophile grassland; Coastal sand dunes, Sand beaches, Machair; Salt marshes, Salt pastures, Salt steppes; Improved grassland; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens	Natural England
6	1109m E	Chichester and Langstone Harbours	Common shelduck; Eurasian wigeon; Eurasian teal; Northern pintail; Northern shoveler; Red-breasted merganser; Ringed plover; Grey plover; Sanderling; Bar-tailed godwit; Eurasian curlew; Common redshank; Ruddy turnstone; Sandwich tern; Common tern; Little tern; Dunlin; Dark-bellied brent goose	Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Inland water bodies (Standing water, Running water); Heath, Scrub, Maquis and Garrigue, Phygrana; Humid grassland, Mesophile grassland; Coastal sand dunes, Sand beaches, Machair; Salt marshes, Salt pastures, Salt steppes; Improved grassland; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens	Natural England
9	1267m W	Portsmouth Harbour	Red-breasted merganser; Black-tailed godwit; Dunlin; Dark-bellied brent goose	Humid grassland, Mesophile grassland; Salt marshes, Salt pastures, Salt steppes; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins)	Natural England
-	1508m W	Solent and Dorset Coast	Sandwich tern; Common tern; Little tern	Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Shingle, Sea cliffs, Islets; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites)	Natural England



ID	Location	Name	Species of interest	Habitat description	Data source
-	1508m W	Portsmouth Harbour	Red-breasted merganser; Black-tailed godwit; Dunlin; Dark-bellied brent goose	Humid grassland, Mesophile grassland; Salt marshes, Salt pastures, Salt steppes; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins)	Natural England
-	1516m W	Solent and Dorset Coast	Sandwich tern; Common tern; Little tern	Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Shingle, Sea cliffs, Islets; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites)	Natural England
-	1516m W	Portsmouth Harbour	Red-breasted merganser; Black-tailed godwit; Dunlin; Dark-bellied brent goose	Humid grassland, Mesophile grassland; Salt marshes, Salt pastures, Salt steppes; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins)	Natural England

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

1

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

Features are displayed on the Environmental designations map on [page 77 >](#)

ID	Location	Name	Data source
-	1460m E	Farlington Marshes	Natural England

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



10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

0

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

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



10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.



10.16 Nitrate Vulnerable Zones

Records within 2000m

3

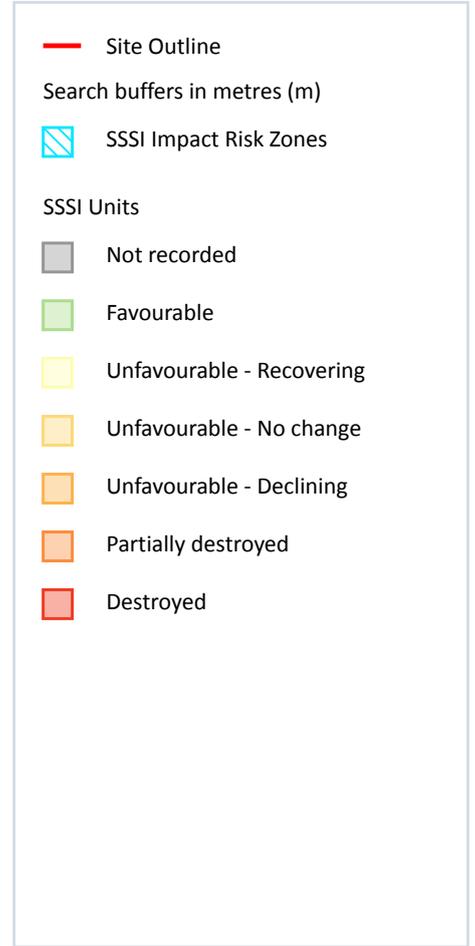
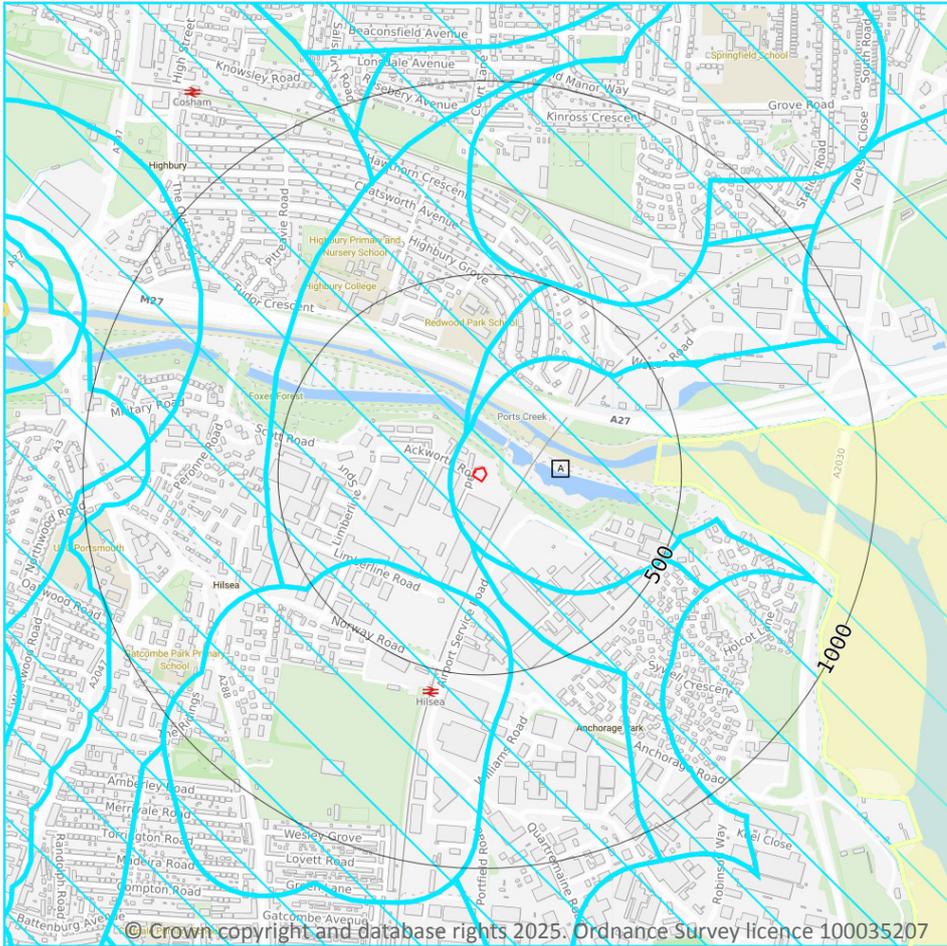
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Chichester,Langstone and Portsmouth Harbours Eutrophic NVZ (TraC)	Eutrophic Water	2	Existing
1835m N	Chichester,Langstone and Portsmouth Harbours Eutrophic NVZ (TraC)	Eutrophic Water	2	Existing
1936m N	Fareham	Groundwater	58	Existing

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



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

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 86](#) >

ID	Location	Type of developments requiring consultation
A	On site	https://irz.geodata.org.uk/IRZ/step2.html?irzcode=200000000000&notes=11101+11414&location=472631,103637 %20(IRZ%20polygon%20centre)

This data is sourced from Natural England.



10.18 SSSI Units

Records within 2000m

4

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

Features are displayed on the SSSI Impact Zones and Units map on [page 86 >](#)

ID: 6
 Location: 434m E
 SSSI name: Langstone Harbour
 Unit name: Langstone Hbr West
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
H1110 Sandbanks which are slightly covered by sea water all the time	Unfavourable - Recovering	29/11/2010
H1130 Estuaries	Unfavourable - Recovering	21/09/2018
H1140 Mudflats and sandflats not covered by seawater at low tide	Unfavourable - Recovering	29/11/2010
H1210 Annual vegetation of drift lines	Unfavourable - Recovering	29/11/2010
H1220 Perennial vegetation of stony banks	Unfavourable - Recovering	29/11/2010
H1310 Salicornia and other annuals colonising mud and sand	Unfavourable - Recovering	29/11/2010
H1320 Spartina swards (<i>Spartinion maritimae</i>)	Unfavourable - Recovering	29/11/2010
H1330 Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>)	Unfavourable - Recovering	29/11/2010
SM4-28 - Saltmarsh	Unfavourable - Recovering	29/11/2010

ID: 21
 Location: 1267m W
 SSSI name: Portsmouth Harbour
 Unit name: Tipner Lake
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - No change
 Reportable features:



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	24/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	24/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	24/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	28/03/2014
Littoral sediment	Unfavourable - Recovering	28/03/2014

ID: -
 Location: 1460m E
 SSSI name: Langstone Harbour
 Unit name: Farlington Marshes Lnr Formerly Unit 001
 Broad habitat: Neutral Grassland - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Common tern, <i>Sterna hirundo</i>	Favourable	29/03/2022
Aggregations of breeding birds - Little tern, <i>Sterna albifrons</i>	Favourable	29/03/2022
Aggregations of breeding birds - Sandwich tern, <i>Sterna sandvicensis</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pintail, <i>Anas acuta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Red-breasted merganser, <i>Mergus serrator</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Ringed plover, <i>Charadrius hiaticula</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022



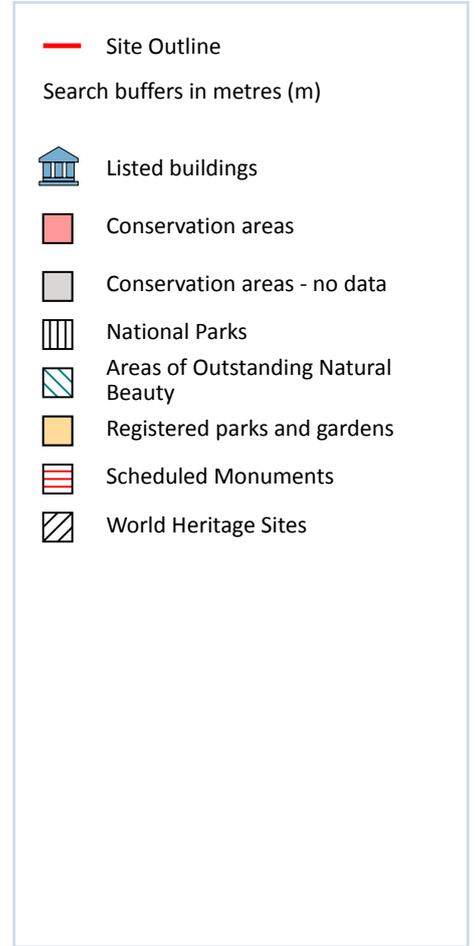
Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Shoveler, <i>Anas clypeata</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Favourable	29/03/2022
Invert. assemblage M311 saltmarsh and transitional brackish marsh	Favourable	29/03/2022
Lowland neutral grassland (MG5)	Favourable	29/03/2022
SM4-28 - Saltmarsh	Favourable	29/03/2022
Vascular plant assemblage	Favourable	29/03/2022

ID: -
 Location: 1546m E
 SSSI name: Langstone Harbour
 Unit name: Shut Lake Lagoon, Formerly Part Of Unit 001
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Saline coastal lagoons	Unfavourable - No change	29/03/2022

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

11 Visual and cultural designations



11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

0

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

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

11.5 Conservation Areas

Records within 250m

1

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



Features are displayed on the Visual and cultural designations map on [page 90 >](#)

ID	Location	Name	District	Date of designation
1	On site	Hilsea Lines	City of Portsmouth	02/11/1994

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

11.6 Scheduled Ancient Monuments

Records within 250m	2
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A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

Features are displayed on the Visual and cultural designations map on [page 90 >](#)

ID	Location	Ancient monument name	Reference number
2	On site	Hilsea Lines	1001861
3	105m SE	Hilsea Lines	1001861

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

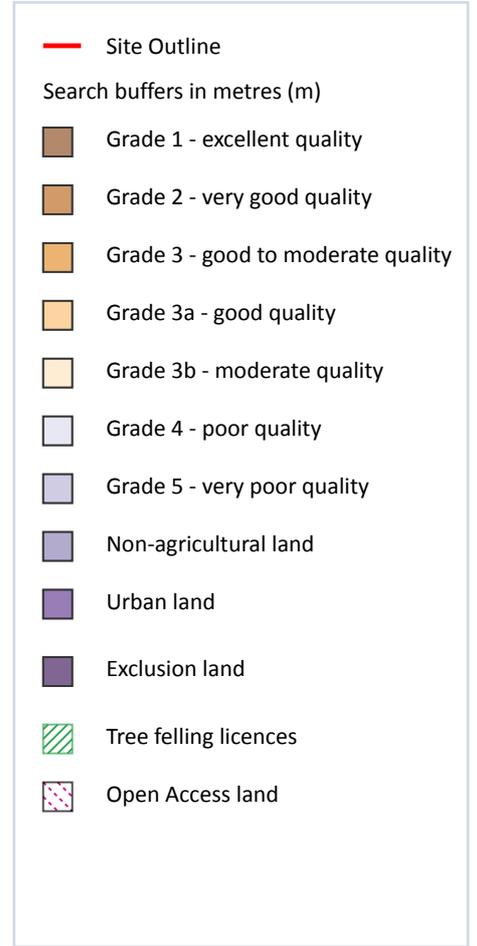
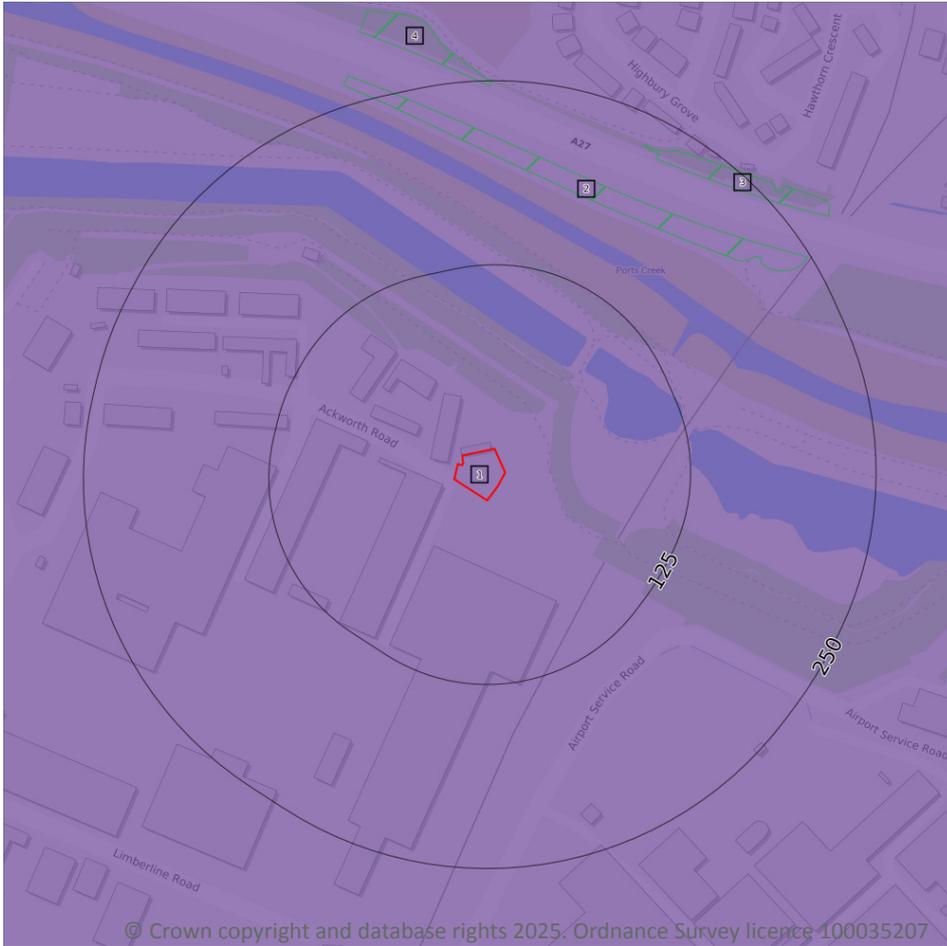
11.7 Registered Parks and Gardens

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 93](#) >

ID	Location	Classification	Description
1	On site	Urban	Non-agricultural/no quality assigned

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

3

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.

Features are displayed on the Agricultural designations map on [page 93](#) >

ID	Location	Description	Reference	Application date
2	181m NE	Selective Fell/Thin (Unconditional)	018/366/15-16	-
3	225m NE	Selective Fell/Thin (Unconditional)	018/366/15-16	-
4	247m N	Selective Fell/Thin (Unconditional)	018/366/15-16	-

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

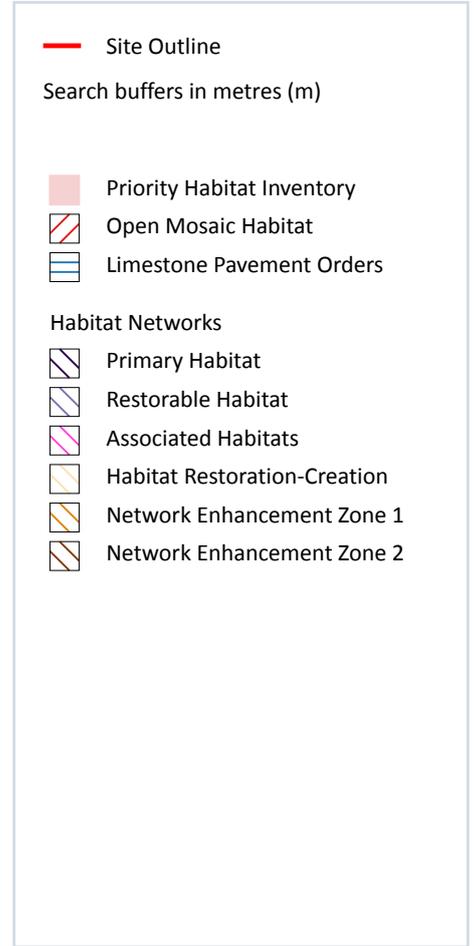
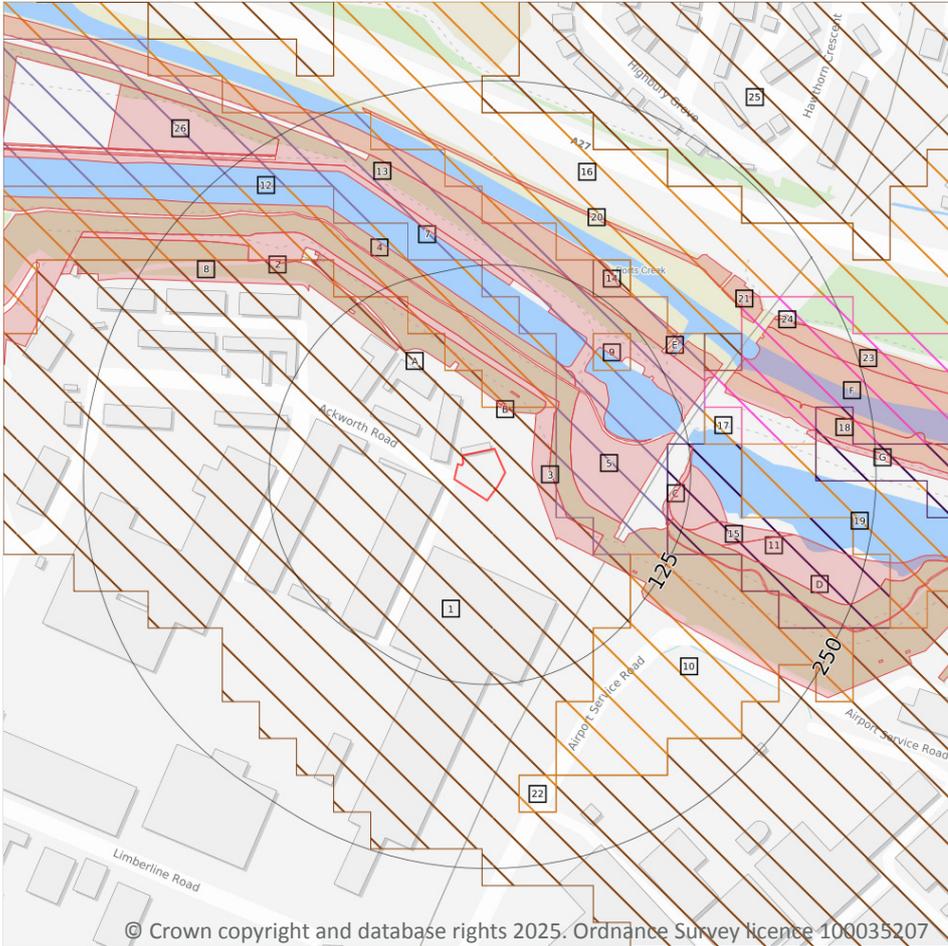
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.



This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

26

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 96 >](#)

ID	Location	Main Habitat	Other habitats
A	19m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	26m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	28m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	28m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
3	30m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
5	45m E	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
6	65m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	69m NE	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
8	84m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
C	109m E	No main habitat but additional habitats present	Main habitat: RBEDS (INV > 50%)
12	112m N	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
C	113m E	Reedbeds	Main habitat: RBEDS (INV > 50%)
D	115m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	122m NE	Mudflats	Main habitat: MUDFL (INV > 50%)
15	128m E	No main habitat but additional habitats present	Main habitat: RBEDS (INV > 50%)
E	133m NE	Mudflats	Main habitat: MUDFL (INV > 50%)
E	136m NE	Mudflats	Main habitat: MUDFL (INV > 50%)
D	154m E	Reedbeds	Main habitat: RBEDS (INV > 50%)
18	158m E	Mudflats	Main habitat: MUDFL (INV > 50%)
F	169m NE	Mudflats	Main habitat: MUDFL (ENSIS L1); Additional: CVSHI (ENSIS L2); SALT (ENSIS L2)
20	170m NE	Mudflats	Main habitat: MUDFL (INV > 50%)
21	187m NE	Mudflats	Main habitat: MUDFL (INV > 50%)
23	202m NE	Mudflats	Main habitat: MUDFL (INV > 50%)
G	205m E	Coastal saltmarsh	Main habitat: SALT (INV > 50%)
24	208m NE	Mudflats	Main habitat: MUDFL (INV > 50%)
26	240m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)

This data is sourced from Natural England.



13.2 Habitat Networks

Records within 250m

15

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.

Features are displayed on the Habitat designations map on [page 96 >](#)

ID	Location	Type	Habitat
1	On site	Network Enhancement Zone 2	Not specified
2	28m N	Network Enhancement Zone 1	Not specified
4	34m E	Restorable Habitat	Not specified
9	85m NE	Network Enhancement Zone 1	Not specified
10	101m SE	Network Enhancement Zone 1	Not specified
11	109m E	Primary Habitat	Reedbeds
14	123m NE	Network Enhancement Zone 2	Not specified
16	135m N	Network Enhancement Zone 1	Not specified
17	136m E	Network Enhancement Zone 1	Not specified
F	142m E	Associated Habitats	Other associated habitats
E	151m NE	Network Enhancement Zone 2	Not specified
19	159m E	Network Enhancement Zone 1	Not specified
22	188m S	Network Enhancement Zone 1	Not specified
G	209m E	Primary Habitat	Saltmarsh
25	213m NE	Network Enhancement Zone 2	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

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.

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

1

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.

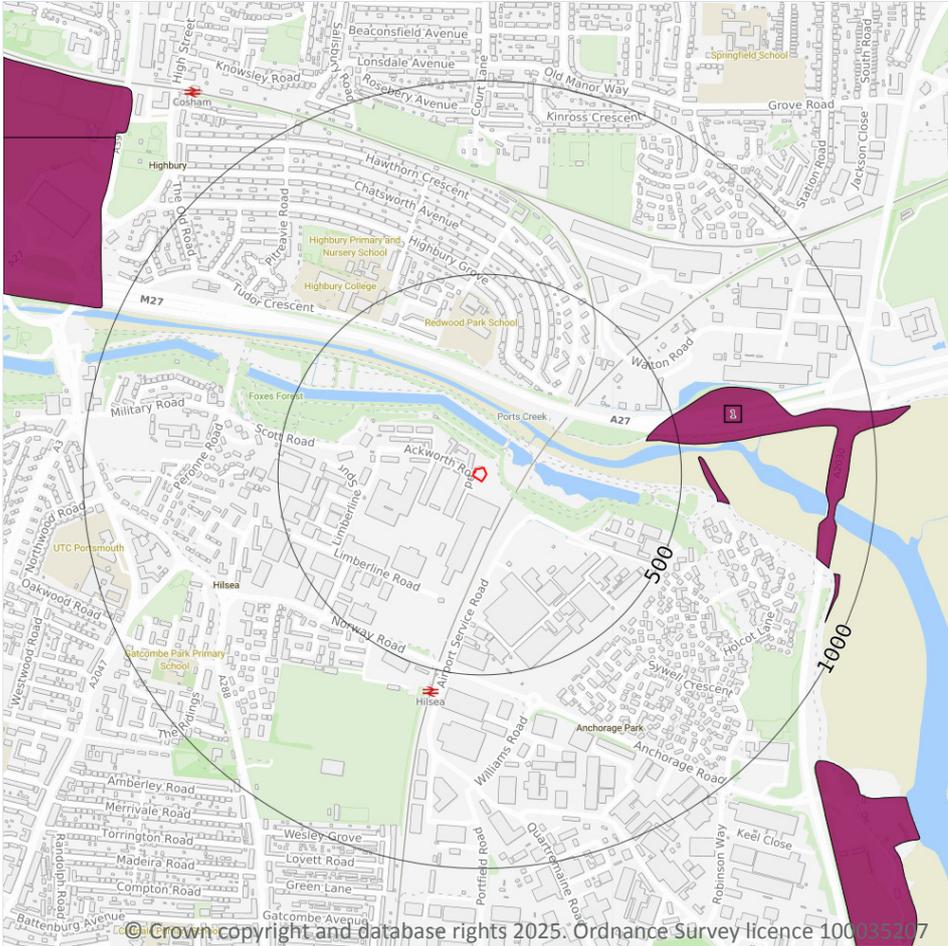
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 100](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SU60SE

This data is sourced from the British Geological Survey.



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



14.2 Artificial and made ground (10k)

Records within 500m

1

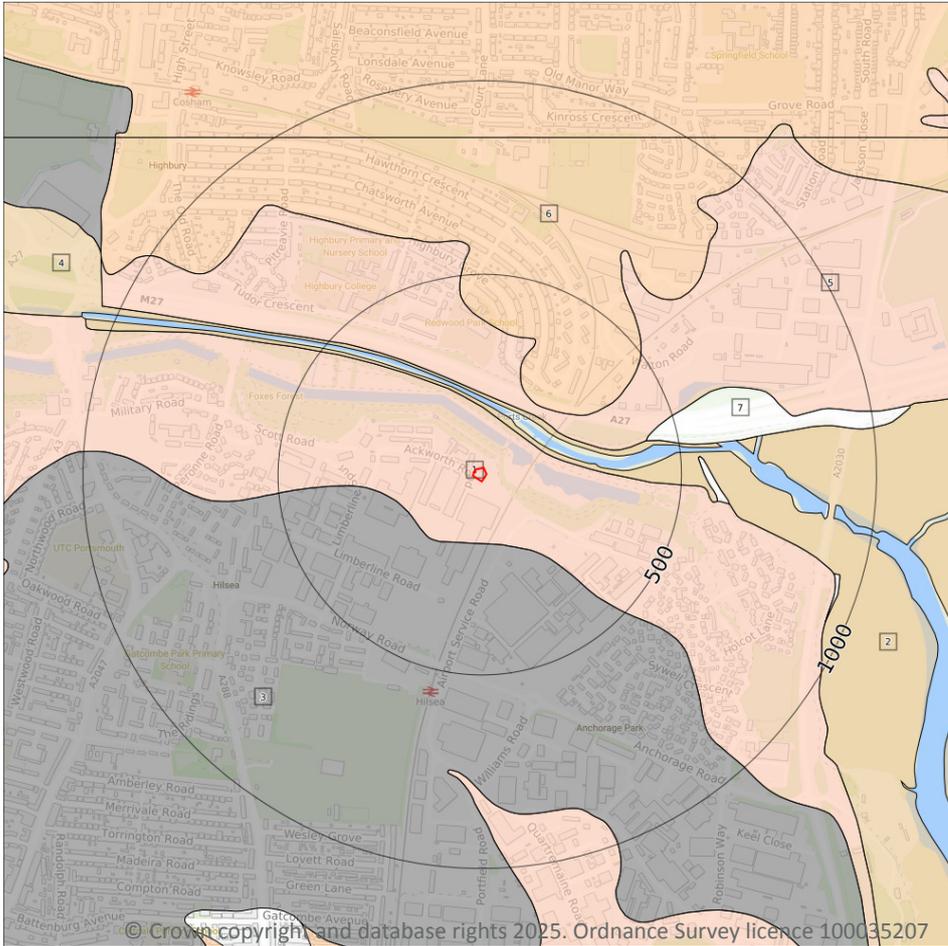
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 101](#) >

ID	Location	LEX Code	Description	Rock description
1	419m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

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

7

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 102 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	RMD-XCZS	Raised Marine Deposits - Clay, Silt And Sand	Clay, Silt And Sand
2	124m NE	BTFU-XCZSV	Beach And Tidal Flat Deposits (undifferentiated) - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
3	161m S	RTDU-Z	River Terrace Deposits (undifferentiated) - Silt (unlithified Deposits Coding Scheme)	Silt



ID	Location	LEX Code	Description	Rock description
4	165m NE	BTFU-XCZSV	Beach And Tidal Flat Deposits (undifferentiated) - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
5	176m NE	RMD-XCZS	Raised Marine Deposits - Clay, Silt And Sand	Clay, Silt And Sand
6	212m NE	RTDU-XSZC	River Terrace Deposits (undifferentiated) - Sand, Silt And Clay	Sand, Silt And Clay
7	419m E	SUPD-SED	Superficial Deposits - Sediment	Sediment

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

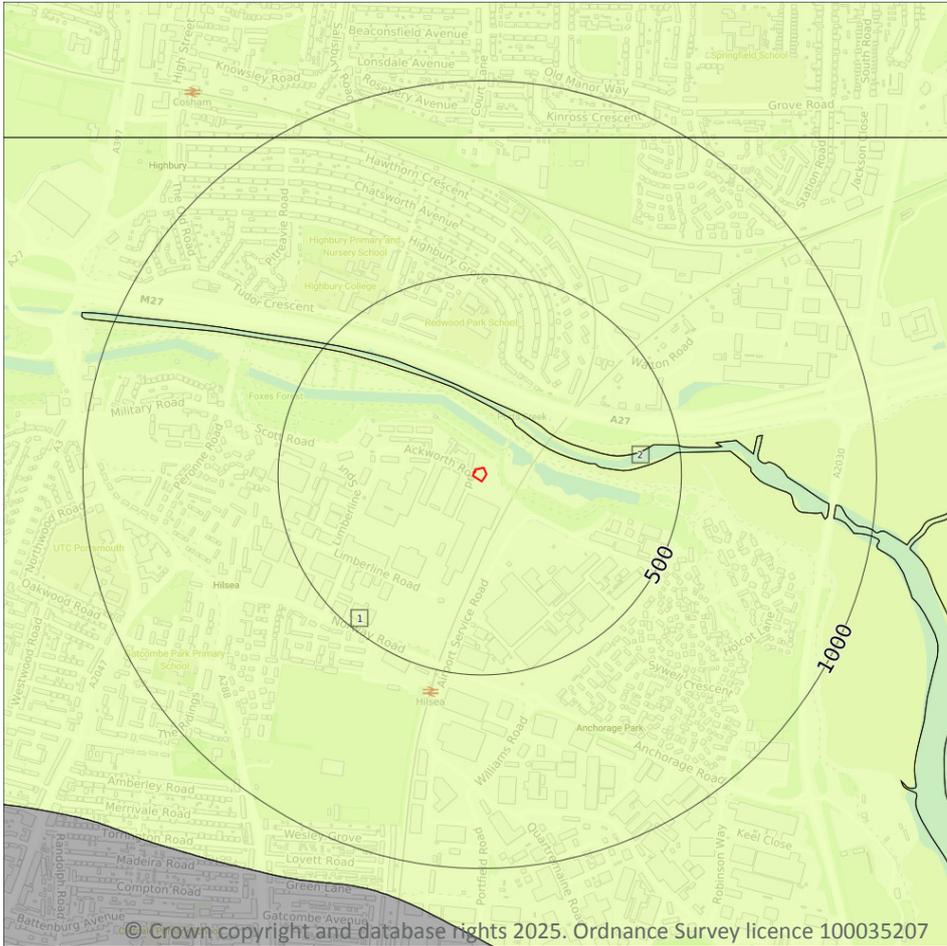
0

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 104](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	LPCK-CHLK	Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation And Portsdown Chalk Formation (undifferentiated) - Chalk	Campanian Age - Turonian Age

ID	Location	LEX Code	Description	Rock age
2	137m NE	LPCCK-CHLK	Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation And Portsdown Chalk Formation (undifferentiated) - Chalk	Campanian Age - Turonian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

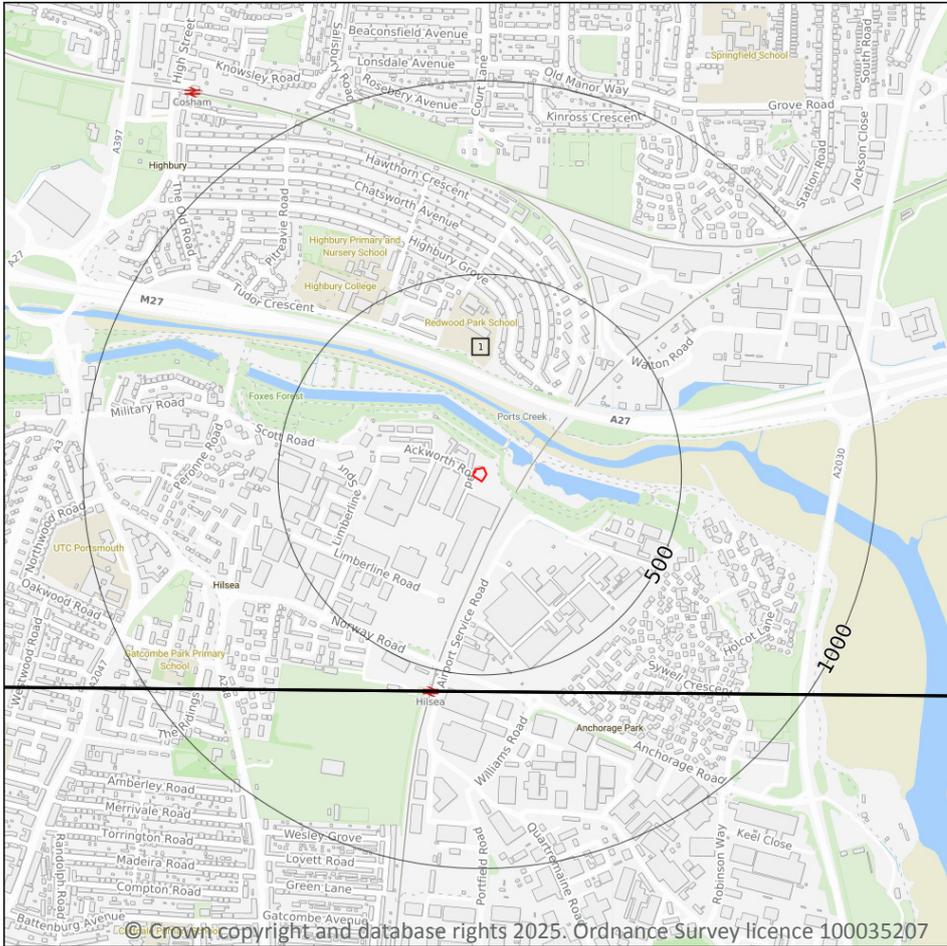
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
 Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Availability map on [page 106](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW316_fareham_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

1

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 107 >](#)

ID	Location	LEX Code	Description	Rock description
1	418m E	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

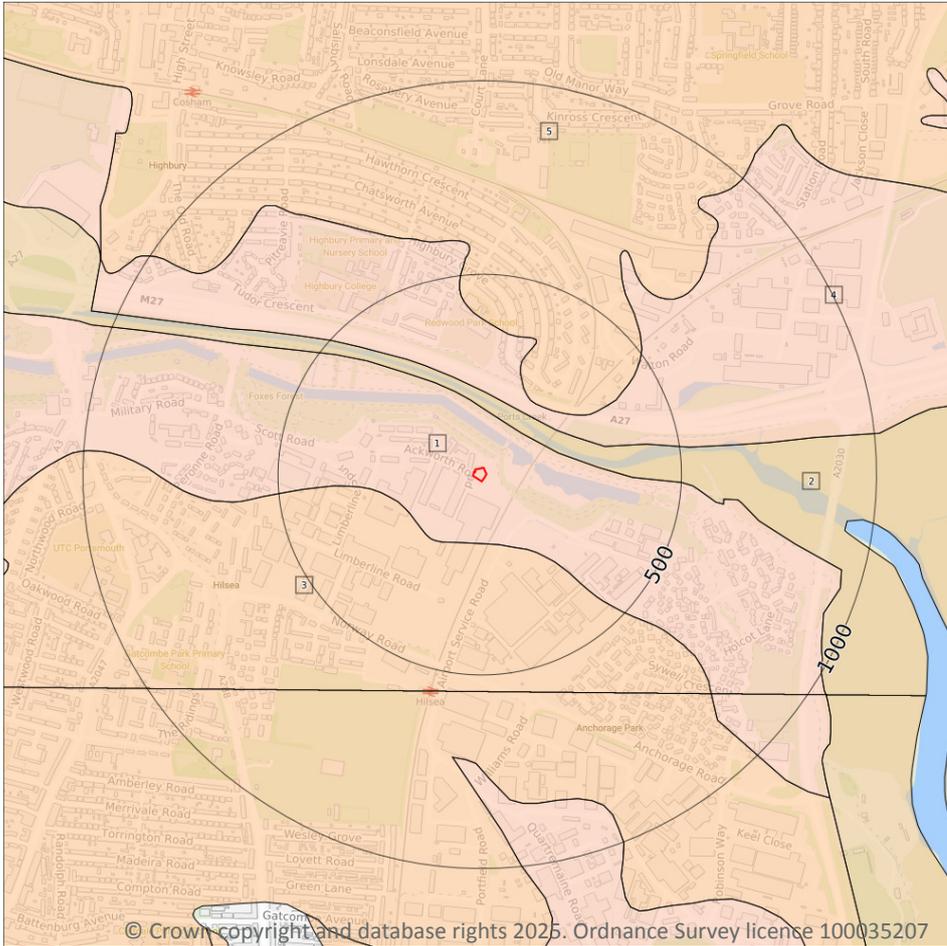
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



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

15.4 Superficial geology (50k)

Records within 500m

5

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 109](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	RMD-XSV	RAISED MARINE DEPOSITS	SAND AND GRAVEL
2	128m NE	BTFU-XCZSV	BEACH AND TIDAL FLAT DEPOSITS (UNDIFFERENTIATED)	CLAY, SILT, SAND AND GRAVEL
3	161m S	RTDU-XSZC	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)	SAND, SILT AND CLAY
4	174m NE	RMD-XSV	RAISED MARINE DEPOSITS	SAND AND GRAVEL



ID	Location	LEX Code	Description	Rock description
5	212m NE	RTDU-XSZC	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)	SAND, SILT AND CLAY

This data is sourced from the British Geological Survey.

15.5 Superficial 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 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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

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

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

This data is sourced from the British Geological Survey.

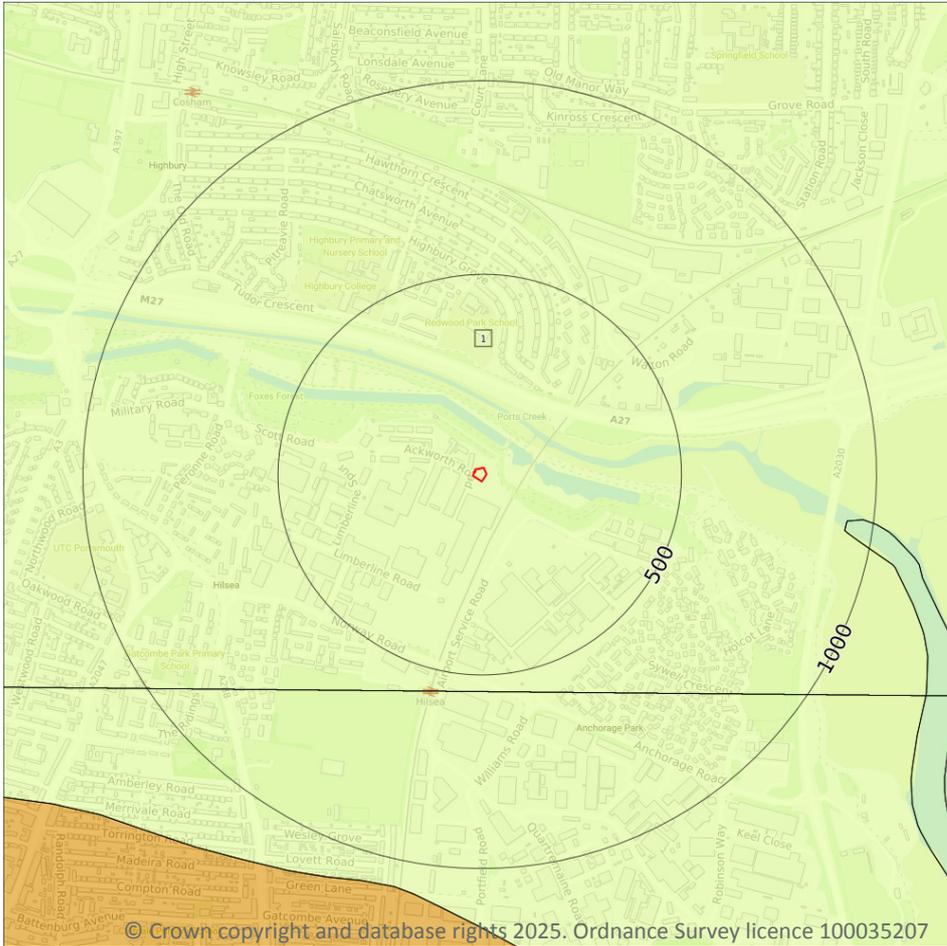
15.7 Landslip permeability (50k)

Records within 50m	0
---------------------------	----------

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



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

15.8 Bedrock geology (50k)

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 111](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	LPCK-CHLK	LEWES NODULAR CHALK FORMATION, SEAFORD CHALK FORMATION, NEWHAVEN CHALK FORMATION, CULVER CHALK FORMATION AND PORTSDOWN CHALK FORMATION (UNDIFFERENTIATED) - CHALK	TURONIAN

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	Fracture	Very High	Very High

This data is sourced from the British Geological Survey.

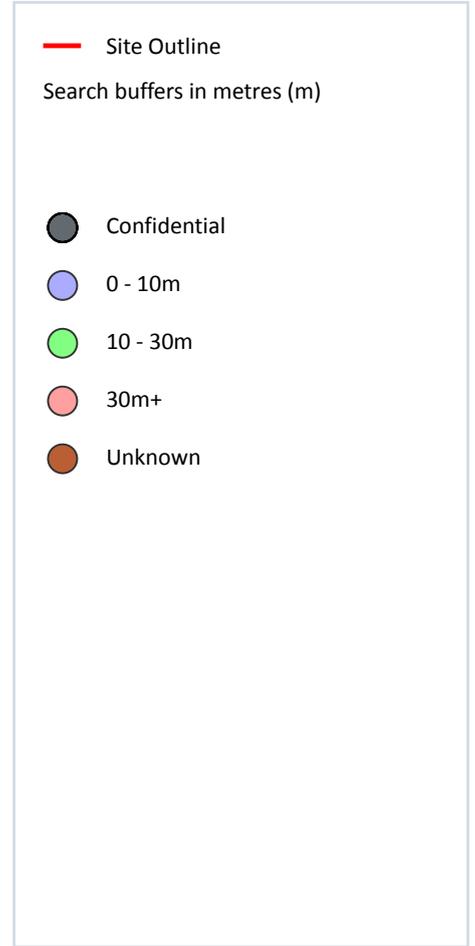
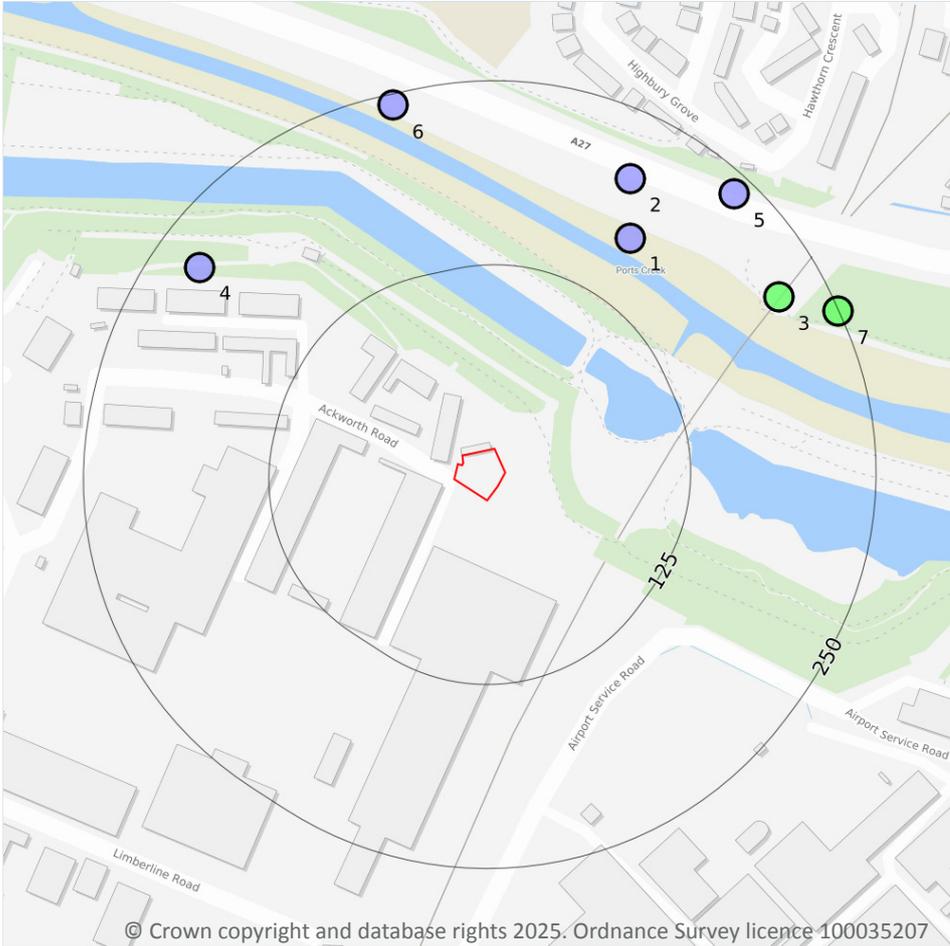
15.10 Bedrock faults and other linear features (50k)

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

7

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 113 >](#)

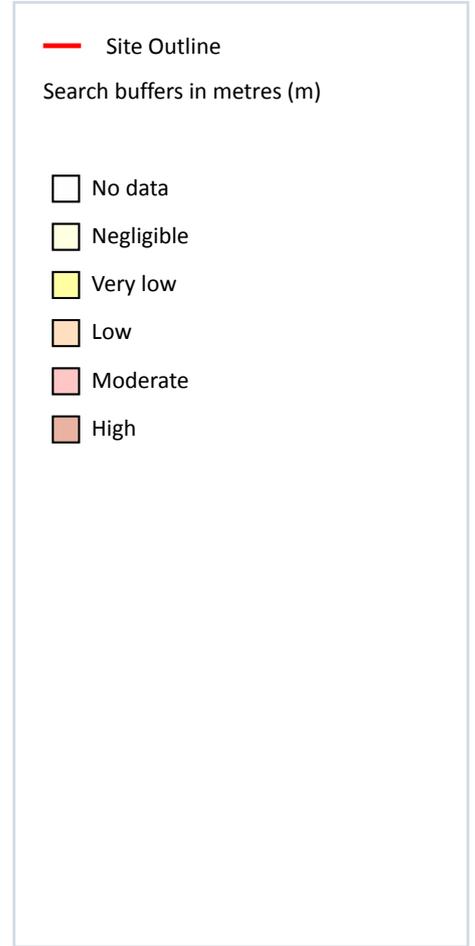
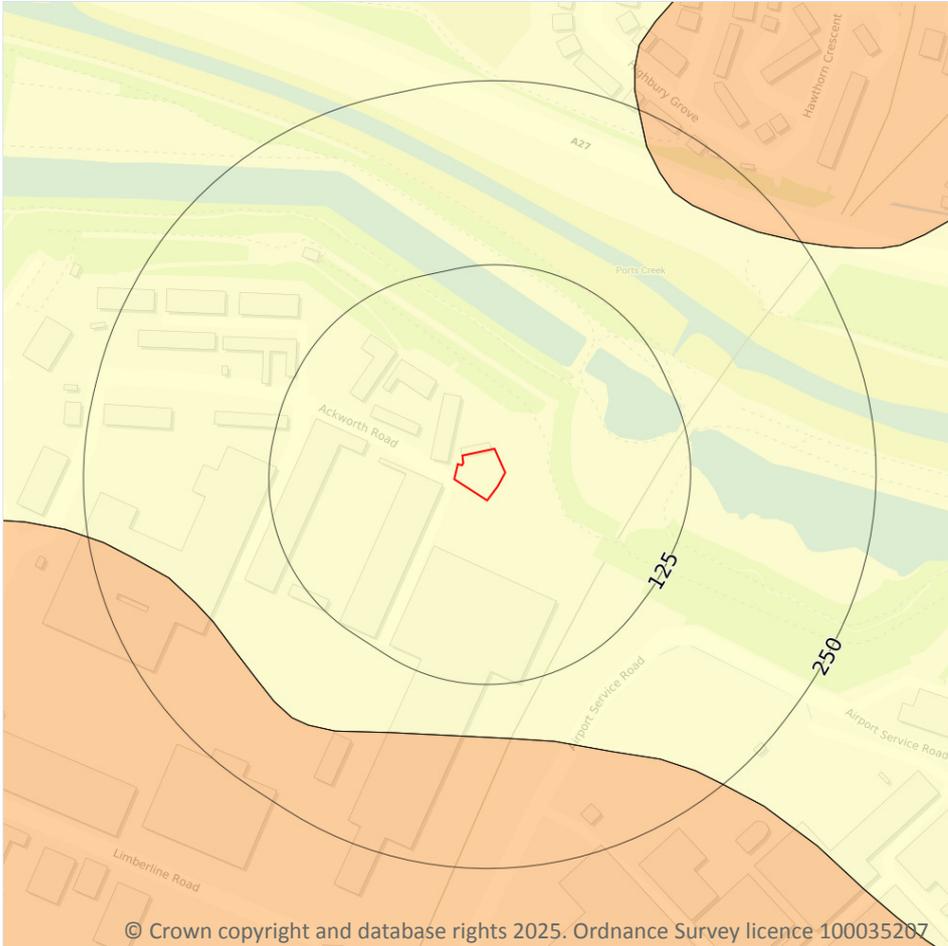
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	170m NE	466600 104290	PORTSMOUTH TRUNK ROAD - BROADMARSH - PORTSBRIDGE 32	2.28	N	17518415 ↗
2	205m NE	466600 104330	PORTSMOUTH TRUNK ROAD - BROADMARSH - PORTSBRIDGE 31	3.96	N	17518414 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
3	218m NE	466700 104250	PORTSMOUTH TRUNK ROAD - BROADMARSH - PORTSBRIDGE 34	12.19	N	17518420 ↗
4	218m NW	466310 104270	BRANCH COLL OF TECH TRENCH 2	2.13	N	420625 ↗
5	237m NE	466670 104320	A27 PORTS BRIDGE-B'MARSH TP 10	1.0	N	420693 ↗
6	242m N	466440 104380	PORTSMOUTH TRUNK ROAD - BROADMARSH - PORTSBRIDGE 30	3.04	N	17518412 ↗
7	250m NE	466740 104240	PORTSMOUTH TRUNK ROAD - BROADMARSH - PORTSBRIDGE 36	12.19	N	17518424 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

1

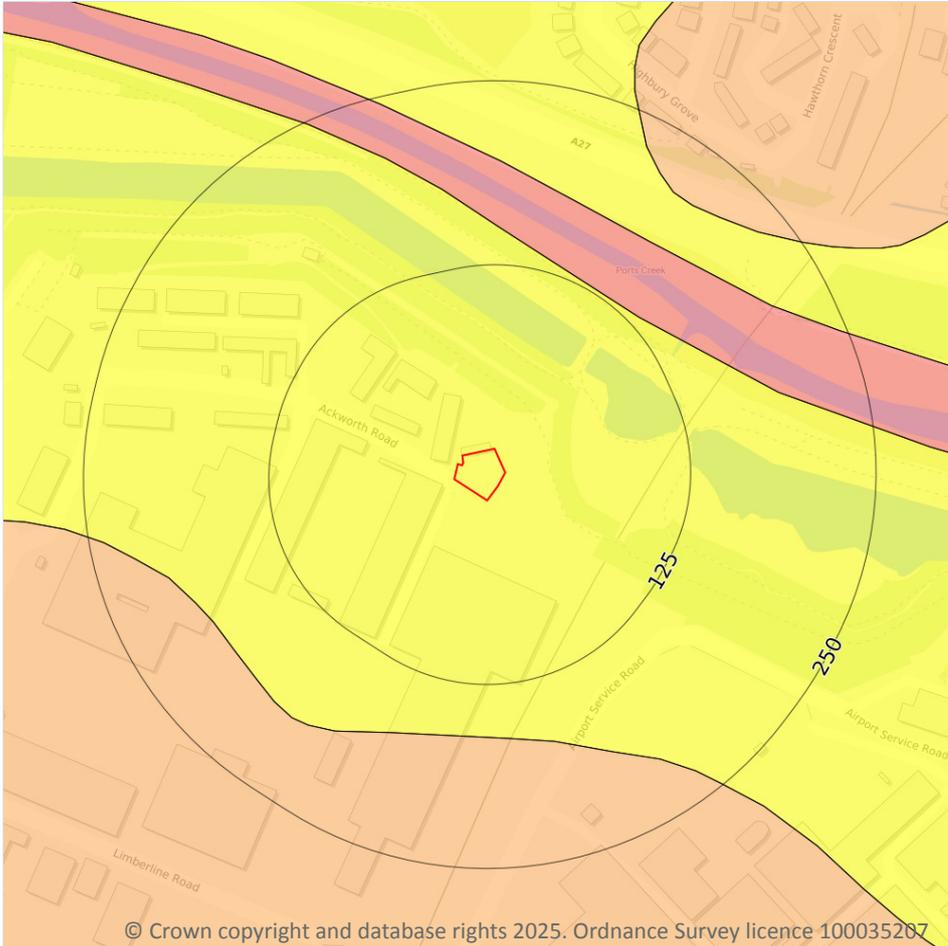
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 115 >](#)

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

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

1

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.

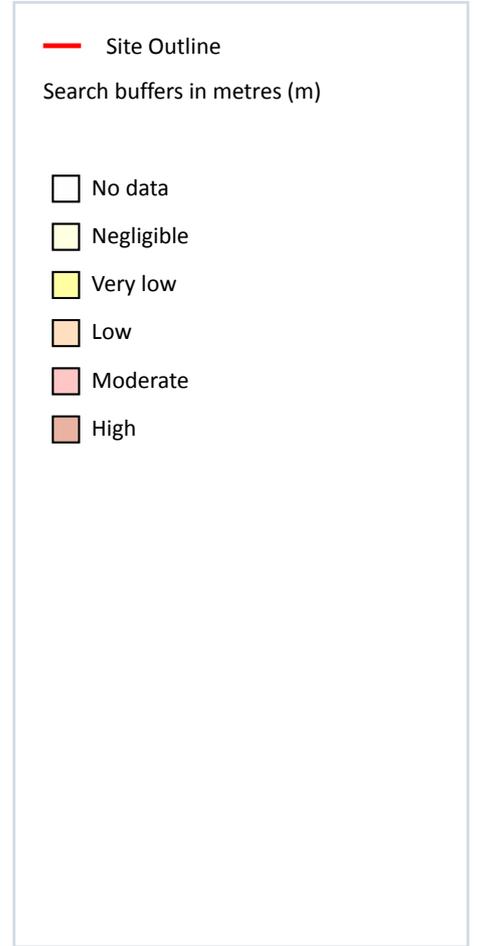
Features are displayed on the Natural ground subsidence - Running sands map on [page 116](#) >

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

1

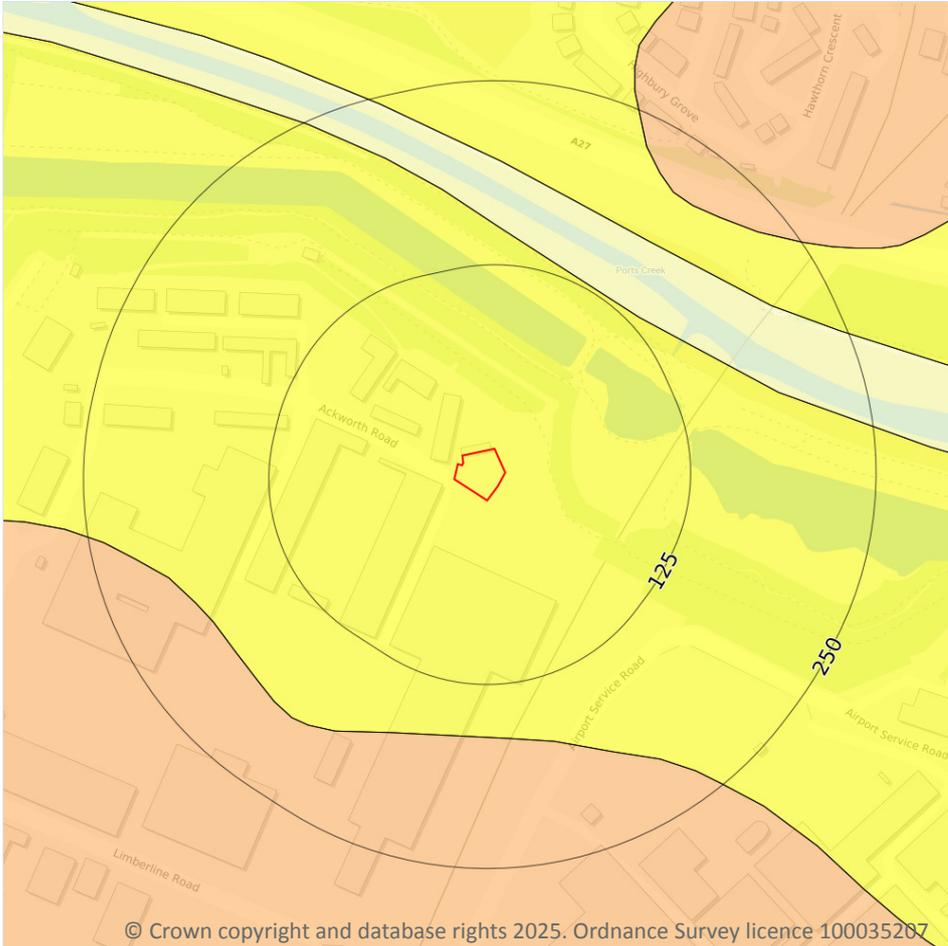
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 117](#) >

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



— Site Outline
Search buffers in metres (m)

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

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17.4 Collapsible deposits

Records within 50m

1

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 118 >](#)

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

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

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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.

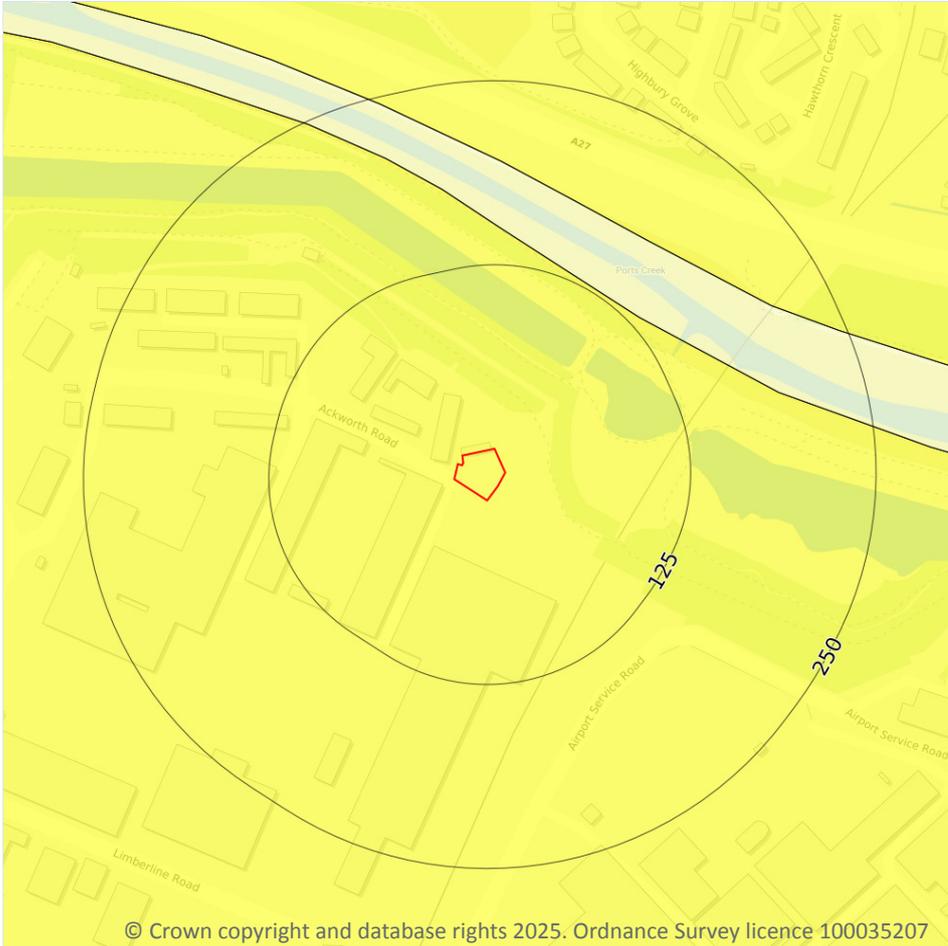
Features are displayed on the Natural ground subsidence - Landslides map on [page 119](#) >

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 120 >](#)

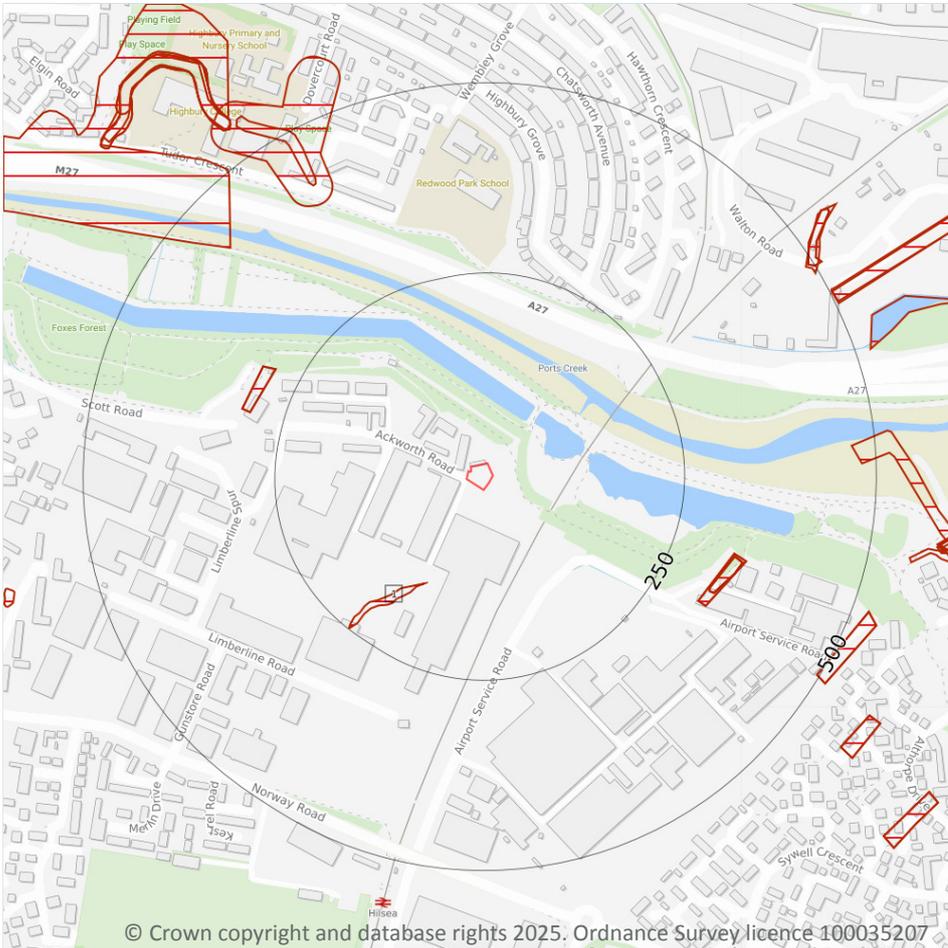
Location	Hazard rating	Details
On site	Very low	Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



18.1 BritPits

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

1

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 and ground workings map on [page 122 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
1	145m SW	Pond	1866	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

0

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

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from 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 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.

18.8 The Coal Authority non-coal mining

Records within 500m

0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.



18.10 Mining record office plans

Records within 500m

0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 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.

18.13 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.

18.14 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.



18.15 Tin mining

Records on site

0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 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 Ground cavities and sinkholes

19.1 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.

19.2 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.

19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

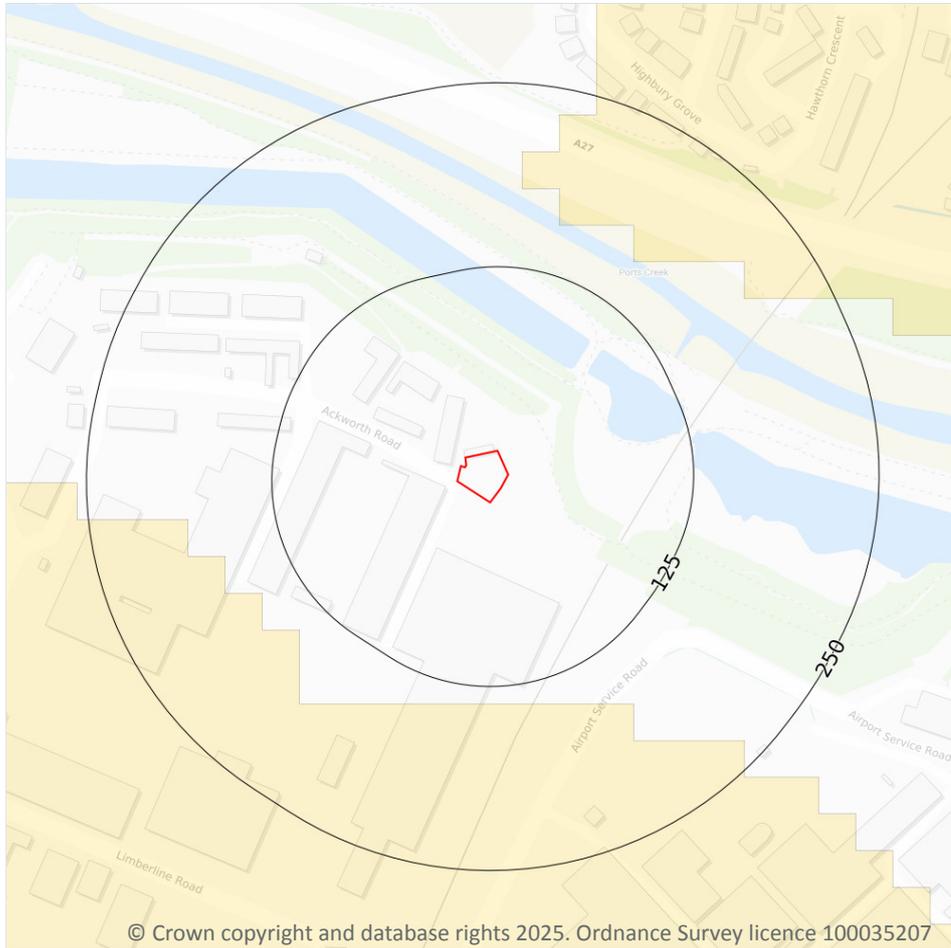
Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.



20 Radon



20.1 Radon

Records on site

1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on [page 129 >](#)

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

This data is sourced from the British Geological Survey and UK Health Security Agency.



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

2

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

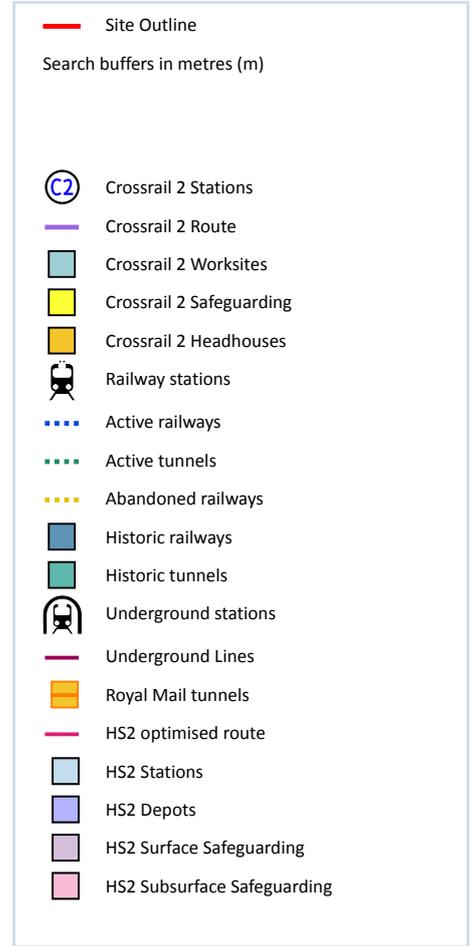
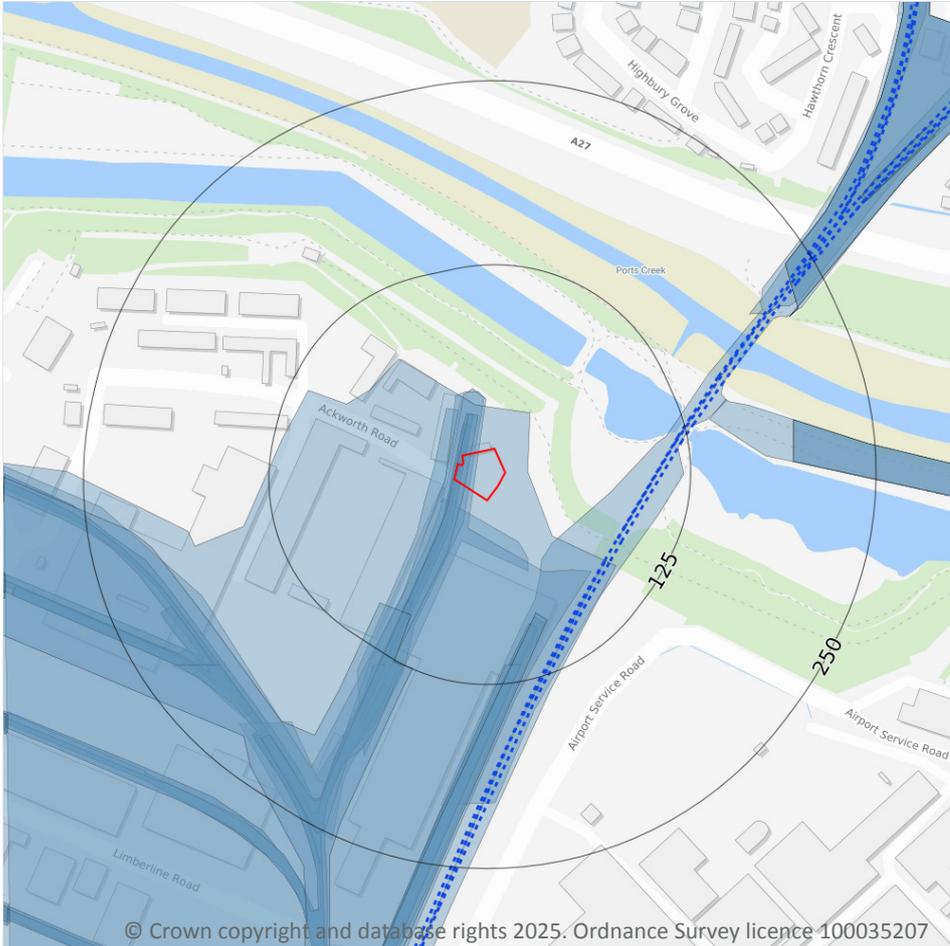
0

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

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



22.1 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.

22.2 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.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

33

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 132 >](#)

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1938	10560
On site	Railway Sidings	1931	10560
On site	Railway Sidings	1957	10560
On site	Railway Sidings	1949	1250
On site	Railway Sidings	1937	2500
On site	Railway Sidings	1932	2500
On site	Railway Sidings	1950	2500
6m W	Railways	1932	-
53m SE	Railways	1932	-
83m SE	Railway Sidings	1931	10560
84m SW	Railway Sidings	1970	2500
85m SW	Railway Sidings	1982	1250
86m SW	Railway Sidings	1975	1250
86m SW	Railway Sidings	1968	1250
88m S	Railway Sidings	1950	1250
88m S	Railway Sidings	1950	2500
93m SW	Railway Sidings	1973	10000



Location	Land Use	Year of mapping	Mapping scale
112m S	Railway Sidings	1950	2500
112m S	Railway Sidings	1964	2500
142m E	Railways	1932	-
194m E	Railways	1910	-
194m E	Railways	1897	-
195m NE	Railway	1938	-
202m SW	Railway Sidings	1979	1250
202m SW	Railway Sidings	1970	2500
202m SW	Railway Sidings	1950	2500
205m SW	Railway Sidings	1975	1250
205m SW	Railway Sidings	1982	1250
215m SW	Railway Sidings	1975	1250
218m SW	Railway Sidings	1968	1250
218m SW	Railway Sidings	1949	1250
218m NE	Railways	1897	-
218m NE	Railways	1910	-

This data is sourced from Ordnance Survey/Groundsure.

22.5 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.



22.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

25

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 132 >](#)

Location	Name	Type
88m SE	West Coastway Line	rail
88m SE	West Coastway Line	rail
88m SE	West Coastway Line	rail
88m SE	Not given	Multi Track
89m SE	Not given	Multi Track
89m SE	Not given	Multi Track
90m SE	Not given	Multi Track
91m SE	West Coastway Line	rail
91m SE	West Coastway Line	rail
91m SE	West Coastway Line	rail
117m E	Not given	Multi Track
119m E	West Coastway Line	rail
121m E	West Coastway Line	rail
129m E	West Coastway Line	rail
132m E	West Coastway Line	rail
158m NE	Portcreek Viaduct	rail
160m NE	Portcreek Viaduct	rail
177m NE	Not given	Multi Track



Location	Name	Type
188m NE	Not given	Multi Track
208m NE	West Coastway Line	rail
211m NE	West Coastway Line	rail
231m NE	West Coastway Line	rail
231m NE	West Coastway Line	rail
233m NE	West Coastway Line	rail
233m NE	West Coastway Line	rail

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 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.

22.9 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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