

APPENDIX D

GroundSure EnviroInsight Report

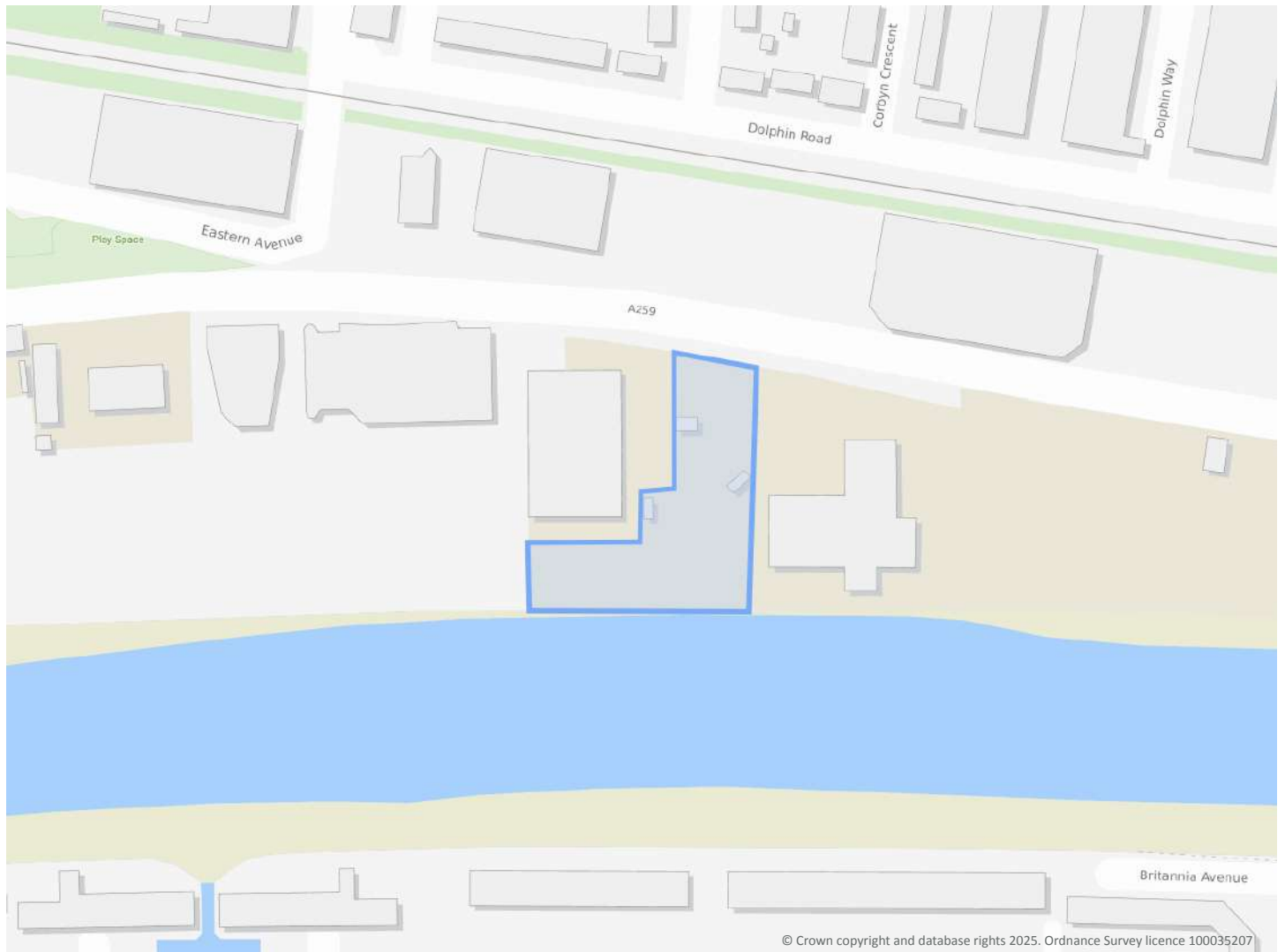
TH OLD AGGREGATE SITE, BRIGHTON ROAD, SHOREHAM-BY-SEA, WEST SUSSEX, BN43 6RE

Order Details

Date: 21/11/2025
Your ref: 864
Our Ref: HMD-47-76D-V2W-384-8BN

Site Details

Location: 522416 105062
Area: 0.45 ha
Authority: [Adur and Worthing Council](#) ↗



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Summary of findings

[p. 2 >](#) **Aerial image**

[p. 9 >](#)

OS MasterMap site plan

[p.14 >](#) [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 >	10	2	60	47	-
20 >	1.2 >	Historical tanks >	0	3	60	92	-
26 >	1.3 >	Historical energy features >	0	2	8	29	-
28	1.4	Historical petrol stations	0	0	0	0	-
28 >	1.5 >	Historical garages >	0	0	2	6	-
29	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
30 >	2.1 >	Historical industrial land uses >	11	3	70	58	-
36 >	2.2 >	Historical tanks >	0	3	70	114	-
43 >	2.3 >	Historical energy features >	0	9	16	58	-
46	2.4	Historical petrol stations	0	0	0	0	-
46 >	2.5 >	Historical garages >	0	0	3	10	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
48	3.1	Active or recent landfill	0	0	0	0	-
48	3.2	Historical landfill (BGS records)	0	0	0	0	-
49	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
49	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
49 >	3.5 >	Historical waste sites >	0	0	3	3	-
50 >	3.6 >	Licensed waste sites >	0	0	6	2	-
53 >	3.7 >	Waste exemptions >	0	0	5	4	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
54 >	4.1 >	Recent industrial land uses >	3	2	26	-	-
56 >	4.2 >	National Geographic Database (NGD) - Current or recent tanks >	0	0	1	-	-
57 >	4.3 >	Current or recent petrol stations >	0	1	0	1	-
57	4.4	Electricity cables	0	0	0	0	-
57	4.5	Gas pipelines	0	0	0	0	-



57 >	4.6 >	Sites determined as Contaminated Land >	0	0	1	0	-
58 >	4.7 >	Control of Major Accident Hazards (COMAH) >	0	1	0	0	-
58	4.8	Regulated explosive sites	0	0	0	0	-
58 >	4.9 >	Hazardous substance storage/usage >	0	0	4	1	-
59	4.10	Historical licensed industrial activities (IPC)	0	0	0	0	-
59	4.11	Licensed industrial activities (Part A(1))	0	0	0	0	-
60 >	4.12 >	Licensed pollutant release (Part A(2)/B) >	1	0	1	6	-
61	4.13	Radioactive Substance Authorisations	0	0	0	0	-
61 >	4.14 >	Licensed Discharges to controlled waters >	0	1	10	6	-
63	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
63	4.16	Pollutant release to public sewer	0	0	0	0	-
64	4.17	List 1 Dangerous Substances	0	0	0	0	-
64	4.18	List 2 Dangerous Substances	0	0	0	0	-
64 >	4.19 >	Pollution Incidents (EA/NRW) >	0	0	3	4	-
65	4.20	Pollution inventory substances	0	0	0	0	-
65	4.21	Pollution inventory waste transfers	0	0	0	0	-
65	4.22	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
67 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
69 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
71 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
72 >	5.4 >	Groundwater vulnerability- soluble rock risk >	Identified (within 0m)				
73	5.5	Groundwater vulnerability- local information	None (within 0m)				
74 >	5.6 >	Groundwater abstractions >	4	0	0	0	1
76	5.7	Surface water abstractions	0	0	0	0	0
76	5.8	Potable abstractions	0	0	0	0	0
76	5.9	Source Protection Zones	0	0	0	0	-
77	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m

78 >	6.1 >	Water Network (OS MasterMap) >	0	1	0	-	-
79 >	6.2 >	Surface water features >	0	0	1	-	-
79 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
79 >	6.4 >	WFD Surface water bodies >	1	0	0	-	-
80 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
81 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
82	7.2	Historical Flood Events	0	0	0	-	-
82	7.3	Flood Defences	0	0	0	-	-
82	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
82	7.5	Flood Storage Areas	0	0	0	-	-
83 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
84 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
85 >	8.1 >	Surface water flooding >	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding >					
87 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
88 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	1
89	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
89	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
89	10.4	Special Protection Areas (SPA)	0	0	0	0	0
89	10.5	National Nature Reserves (NNR)	0	0	0	0	0
90 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	1	1
90	10.7	Designated Ancient Woodland	0	0	0	0	0
90 >	10.8 >	Biosphere Reserves >	1	0	0	0	0
91	10.9	Forest Parks	0	0	0	0	0
91	10.10	Marine Conservation Zones	0	0	0	0	0
91	10.11	Green Belt	0	0	0	0	0



91	10.12	Proposed Ramsar sites	0	0	0	0	0
91	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
92	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
92	10.15	Nitrate Sensitive Areas	0	0	0	0	0
92 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	3
93	10.17	SSSI Impact Risk Zones	0	-	-	-	-
94 >	10.18 >	SSSI Units >	0	0	0	0	7
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
97	11.1	World Heritage Sites	0	0	0	-	-
97	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
97	11.3	National Parks	0	0	0	-	-
97	11.4	Listed Buildings	0	0	0	-	-
98	11.5	Conservation Areas	0	0	0	-	-
98	11.6	Scheduled Ancient Monuments	0	0	0	-	-
98	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
99 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
100	12.2	Open Access Land	0	0	0	-	-
100	12.3	Tree Felling Licences	0	0	0	-	-
100	12.4	Environmental Stewardship Schemes	0	0	0	-	-
100	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
101 >	13.1 >	Priority Habitat Inventory >	0	0	47	-	-
104 >	13.2 >	Habitat Networks >	2	0	2	-	-
105	13.3	Open Mosaic Habitat	0	0	0	-	-
105	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
106 >	14.1 >	10k Availability >	Identified (within 500m)				
107 >	14.2 >	Artificial and made ground (10k) >	1	0	1	0	-

108 >	14.3 >	Superficial geology (10k) >	1	3	1	0	-
109	14.4	Landslip (10k)	0	0	0	0	-
110 >	14.5 >	Bedrock geology (10k) >	1	1	2	2	-
111	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
112 >	15.1 >	50k Availability >	Identified (within 500m)				
113 >	15.2 >	Artificial and made ground (50k) >	1	0	1	0	-
114 >	15.3 >	Artificial ground permeability (50k) >	1	0	-	-	-
115 >	15.4 >	Superficial geology (50k) >	2	1	1	0	-
116 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
116	15.6	Landslip (50k)	0	0	0	0	-
116	15.7	Landslip permeability (50k)	None (within 50m)				
117 >	15.8 >	Bedrock geology (50k) >	1	0	1	2	-
118 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
118	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
119 >	16.1 >	BGS Boreholes >	0	0	4	-	-
Page	Section	Natural ground subsidence >					
121 >	17.1 >	Shrink swell clays >	Low (within 50m)				
123 >	17.2 >	Running sands >	Moderate (within 50m)				
125 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
127 >	17.4 >	Collapsible deposits >	Low (within 50m)				
129 >	17.5 >	Landslides >	Very low (within 50m)				
131 >	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
133 >	18.1 >	BritPits >	0	1	2	1	-
134 >	18.2 >	Surface ground workings >	6	1	15	-	-
135	18.3	Underground workings	0	0	0	0	0
136	18.4	Underground mining extents	0	0	0	0	-



136 >	18.5 >	Historical Mineral Planning Areas >	0	0	1	1	-
136 >	18.6 >	Non-coal mining >	0	1	0	0	1
137	18.7	JPB mining areas	None (within 0m)				
137	18.8	The Coal Authority non-coal mining	0	0	0	0	-
137	18.9	Researched mining	0	0	0	0	-
138	18.10	Mining record office plans	0	0	0	0	-
138	18.11	BGS mine plans	0	0	0	0	-
138	18.12	Coal mining	None (within 0m)				
138	18.13	Brine areas	None (within 0m)				
138	18.14	Gypsum areas	None (within 0m)				
139	18.15	Tin mining	None (within 0m)				
139	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
140	19.1	Natural cavities	0	0	0	0	-
140	19.2	Mining cavities	0	0	0	0	0
140	19.3	Reported recent incidents	0	0	0	0	-
140	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
142 >	20.1 >	Radon >	Between 3% and 5% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
144 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	3	-	-	-
144	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
145	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
146	22.1	Underground railways (London)	0	0	0	-	-
146	22.2	Underground railways (Non-London)	0	0	0	-	-
147	22.3	Railway tunnels	0	0	0	-	-
147 >	22.4 >	Historical railway and tunnel features >	0	0	34	-	-
148	22.5	Royal Mail tunnels	0	0	0	-	-



149	22.6	Historical railways	0	0	0	-	-
149 >	22.7 >	Railways >	0	0	4	-	-
149	22.8	Crossrail 2	0	0	0	0	-
149	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 22/04/2021

Site Area: 0.45ha



Recent site history - 2018 aerial photograph

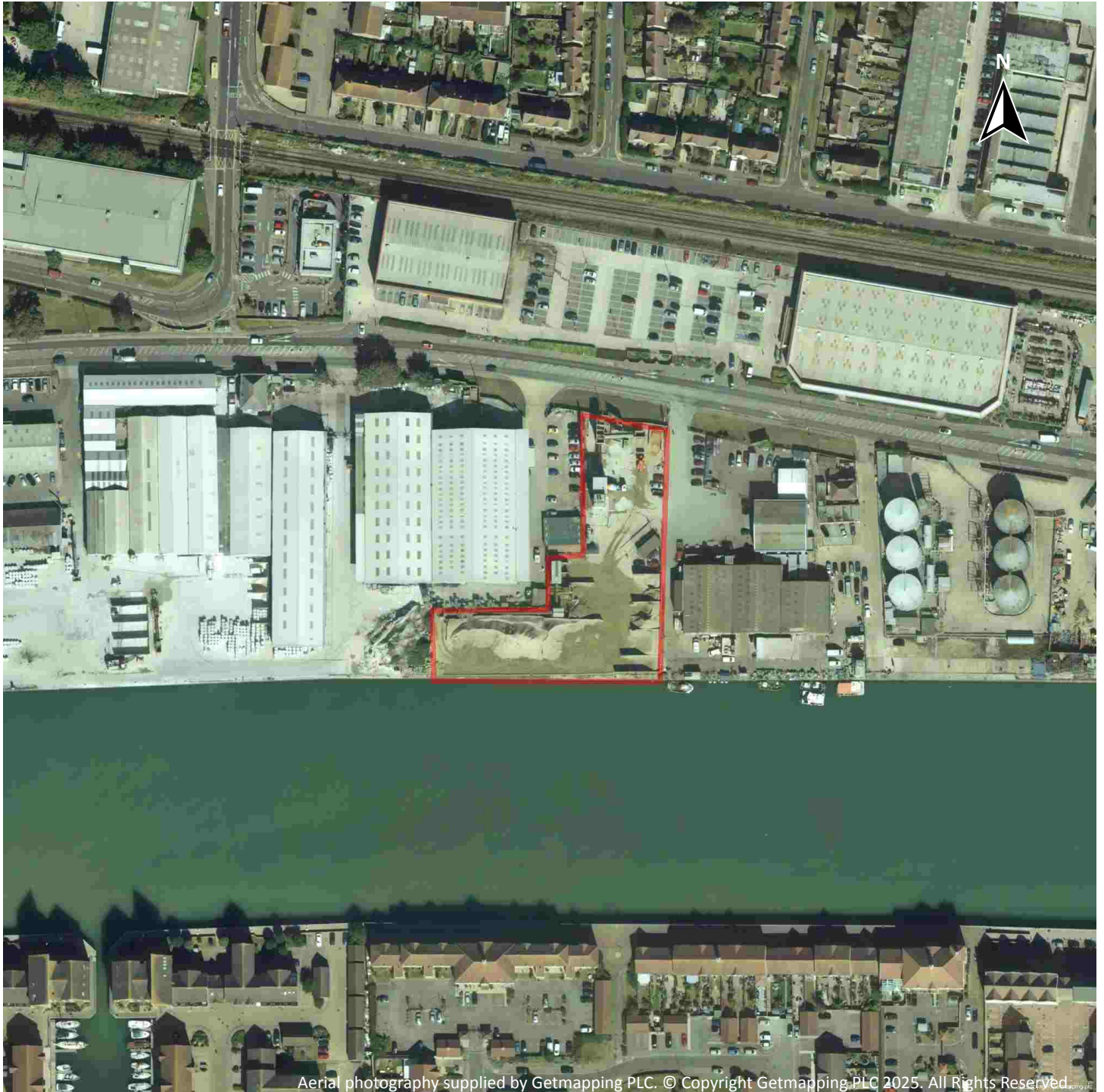


Capture Date: 28/06/2018

Site Area: 0.45ha



Recent site history - 2012 aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2025. All Rights Reserved.

Capture Date: 13/09/2012

Site Area: 0.45ha



Recent site history - 2009 aerial photograph



Capture Date: 27/09/2009

Site Area: 0.45ha



Recent site history - 1999 aerial photograph

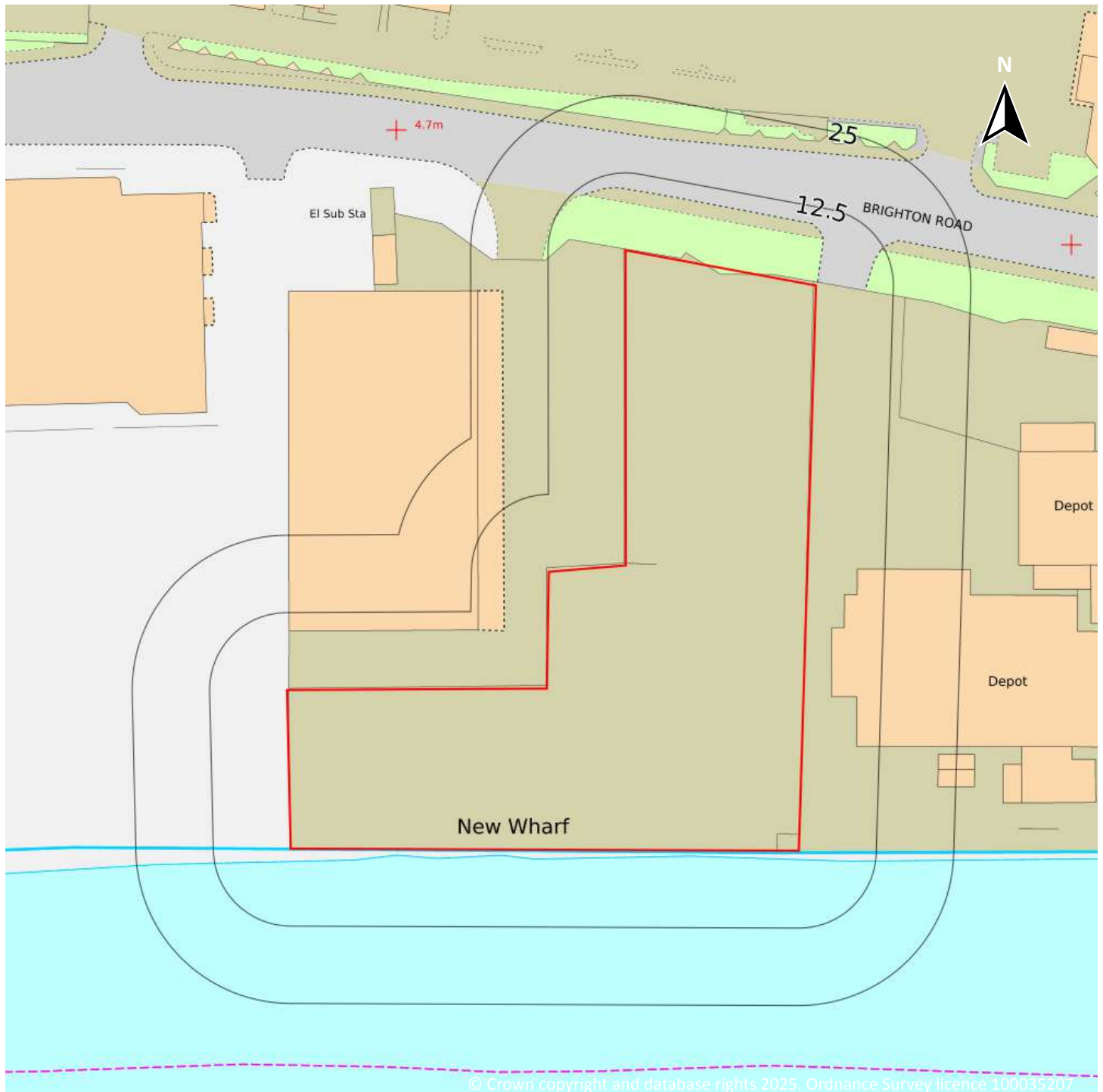


Capture Date: 04/09/1999

Site Area: 0.45ha



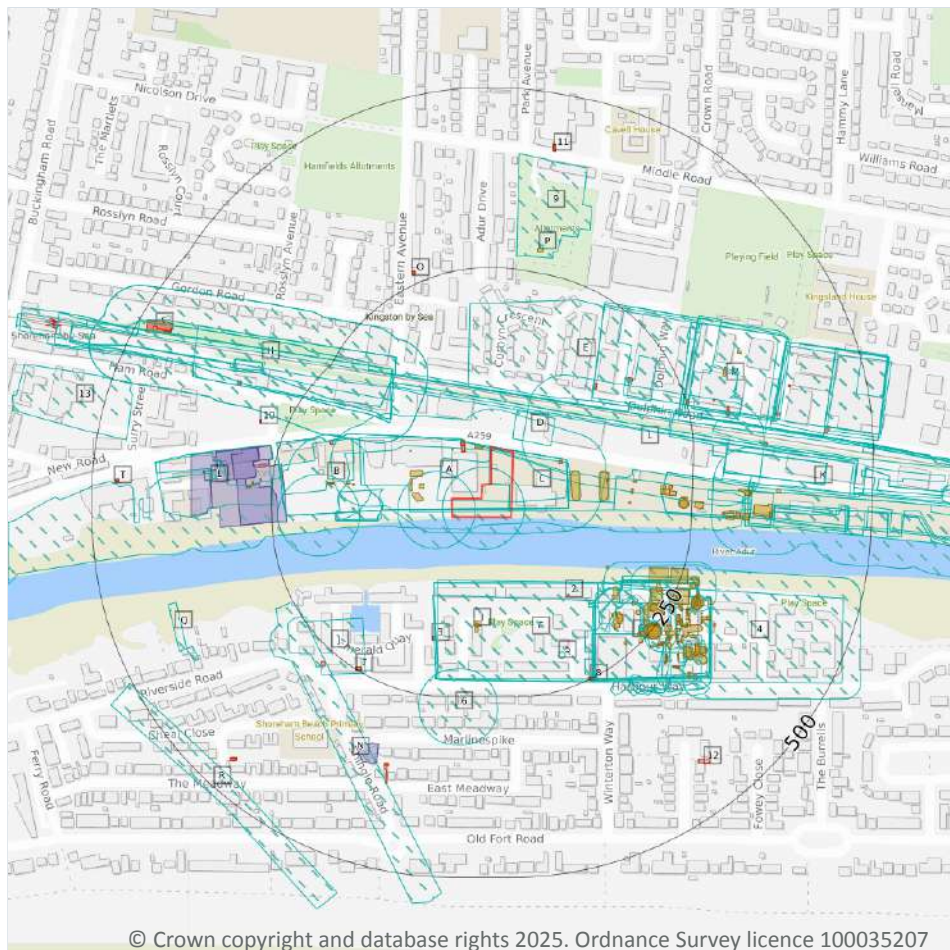
OS MasterMap site plan



Site Area: 0.45ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

119

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
A	On site	Unspecified Depots	1982	2184380



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Warehouse	1968	2189575
A	On site	Timber Pond	1912	2234484
A	On site	Unspecified Depot	1972	2261142
A	On site	Timber Pond	1909	2271811
A	On site	Unspecified Wharf	1982	2273774
A	On site	Unspecified Depot	1963	2296181
A	On site	Unspecified Wharf	1909	2332143
B	On site	Timber Ponds	1873 - 1896	2295984
C	On site	Unspecified Depot	1982	2327666
1	15m E	Brick Field	1873	2324894
D	18m N	Coastguard Station	1909 - 1912	2265849
D	58m N	Railway Sidings	1896	2306180
D	62m N	Railway Sidings	1912	2242982
D	66m N	Railway Sidings	1909	2259063
D	66m N	Railway Sidings	1948	2297355
E	77m N	Brick Field	1896	2271597
C	79m E	Unspecified Tanks	1982	2168692
F	88m S	Unspecified Commercial/Industrial	1972	2171429
F	91m S	Timber Yard	1982	2200878
G	91m S	Unspecified Depot	1982	2325224
B	96m W	Unspecified Wharf	1912	2256150
B	97m W	Unspecified Wharf	1896	2302457
F	109m S	Unspecified Depot	1968	2269246
H	111m NW	Goods Yard	1909	2265610
H	111m NW	Goods Yard	1948	2290131
C	122m E	Unspecified Tanks	1982	2168691
B	128m W	Unspecified Wharf	1982	2276839
E	129m NE	Brick Field	1912	2273941



ID	Location	Land use	Dates present	Group ID
E	133m NE	Brick Field	1909	2291968
H	137m NW	Goods Yard	1912	2264307
B	139m W	Unspecified Works	1982	2182863
H	140m NW	Goods Yard	1963	2248546
H	140m NW	Railway Sidings	1963 - 1968	2313352
C	142m E	Unspecified Works	1982	2226508
H	150m NW	Railway Sidings	1972	2218252
G	152m SE	Unspecified Wharf	1909	2263978
G	154m SE	Unspecified Works	1963	2183002
G	161m SE	Chemical Works	1896	2310190
G	163m SE	Chemical Works	1948	2307212
G	163m SE	Chemical Works	1909	2316669
G	164m SE	Chemical Works	1912	2251284
E	172m NE	Unspecified Mill	1963	2173497
E	176m NE	Sawmill	1982	2201003
G	177m SE	Railway Sidings	1909	2204596
G	177m SE	Unspecified Wharf	1912	2278060
G	177m SE	Railway Sidings	1912	2278865
G	177m SE	Unspecified Wharf	1948	2243494
G	181m SE	Unspecified Tanks	1948	2168806
4	187m SE	Unspecified Depot	1968 - 1972	2295398
J	187m SW	Unspecified Works	1963 - 1968	2273736
G	197m SE	Unspecified Depot	1968 - 1972	2289908
5	199m S	Unspecified Tank	1963	2192073
C	208m E	Unspecified Works	1963	2228582
K	208m E	Railway Sidings	1963	2205154
6	211m S	Hospital	1896	2194991
K	218m E	Railway Sidings	1968 - 1972	2310654



ID	Location	Land use	Dates present	Group ID
G	226m SE	Unspecified Tank	1963	2192070
C	231m E	Unspecified Tank	1963	2191603
M	233m E	Soap Works	1896	2271554
G	236m SE	Unspecified Tanks	1909	2207078
G	236m SE	Unspecified Tanks	1948	2231235
G	239m SE	Unspecified Tanks	1912	2242271
G	243m SE	Unspecified Tanks	1963	2256387
M	245m E	Unspecified Works	1963 - 1968	2269160
G	245m SE	Unspecified Tank	1896	2192068
M	245m E	Soap Works	1909 - 1912	2330193
M	245m E	Soap Works	1948	2257412
N	248m SW	Tramway Sidings	1909 - 1912	2300155
L	248m W	Unspecified Works	1972	2215042
G	249m SE	Railway Sidings	1948	2233036
G	250m SE	Railway Sidings	1912	2305522
M	251m E	Unspecified Commercial/Industrial	1972	2171368
M	252m E	Unspecified Warehouses	1982	2199173
9	269m N	Brick Field	1909	2158722
G	271m SE	Unspecified Ground Workings	1963	2164474
C	272m E	Railway Sidings	1948	2325502
G	276m SE	Unspecified Tanks	1948	2252873
G	276m SE	Unspecified Tanks	1909	2293065
G	276m SE	Unspecified Tanks	1912	2247821
K	276m E	Sawing and Planing Mills	1948	2330161
C	277m E	Unspecified Works	1968 - 1972	2303916
G	277m SE	Unspecified Heap	1948	2187487
K	278m E	Steam Sawing and Planning Mills	1873	2167150
K	278m E	Railway Sidings	1873	2285064



ID	Location	Land use	Dates present	Group ID
G	279m SE	Unspecified Heaps	1909	2244800
G	279m SE	Unspecified Heaps	1912	2245492
G	284m SE	Unspecified Tank	1963	2192069
P	284m N	Unspecified Tank	1909	2192119
C	294m E	Unspecified Works	1963	2223858
G	299m SE	Unspecified Tanks	1912 - 1948	2300173
G	300m SE	Unspecified Tanks	1909 - 1912	2298764
G	300m SE	Unspecified Tanks	1896	2307007
G	307m SE	Unspecified Tank	1963	2192072
G	315m SE	Unspecified Tanks	1948	2245866
H	315m NW	Goods Yard	1968	2261735
H	316m NW	Railway Building	1972	2196481
K	324m E	Railway Sidings	1896 - 1909	2246005
K	324m E	Sawing and Planing Mills	1896	2305002
L	324m W	Unspecified Works	1963 - 1968	2312062
G	325m SE	Unspecified Tank	1963	2192071
K	328m E	Railway Sidings	1873	2266518
C	359m E	Nursery	1912	2217991
C	362m E	Unspecified Factory	1948	2200143
K	365m E	Unspecified Wharf	1912	2301598
C	365m E	Nursery	1963	2285922
K	365m E	Unspecified Wharf	1909	2221610
Q	401m W	Boat House	1963 - 1968	2320462
Q	403m SW	Boat House	1896	2172724
C	434m E	Unspecified Commercial/Industrial	1972	2171367
C	434m E	Unspecified Works	1968	2314451
C	436m E	Unspecified Works	1982	2309394
13	459m W	Unspecified Old Workhouse	1896	2158522



ID	Location	Land use	Dates present	Group ID
K	473m E	Railway Building	1873	2196479
R	474m SW	Rifle Range	1896	2169549
C	483m E	Nursery	1909	2237904
K	485m E	Coke Ovens	1873 - 1896	2244523
K	485m E	Railway Building	1896	2196477
K	492m E	Railway Buildings	1873	2160575

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	155
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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
A	11m W	Unspecified Tank	1969	392440
A	40m W	Tanks	1969	379449
A	41m W	Tanks	1969	379447
A	52m NW	Tanks	1969	379445
A	53m W	Unspecified Tank	1991	411979
A	54m W	Unspecified Tank	1994	427940
A	55m W	Tanks	1969	379448
A	58m W	Tanks	1969	379446
C	81m E	Tanks	1985 - 1995	420178
A	87m NW	Unspecified Tank	1991	392439
C	120m E	Tanks	1985 - 1995	430026
C	131m E	Unspecified Tank	1995	407412

ID	Location	Land use	Dates present	Group ID
C	132m E	Unspecified Tank	1985	409586
2	133m SE	Unspecified Tank	1950	394183
B	136m W	Unspecified Tank	1994	392446
B	143m W	Unspecified Tank	1991	392438
I	144m S	Unspecified Tank	1979 - 1994	423565
I	147m S	Unspecified Tank	1969	416386
G	149m SE	Unspecified Tank	1912	394176
I	154m S	Unspecified Tank	1979 - 1994	421125
C	163m E	Unspecified Tank	1985	392447
B	165m W	Unspecified Tank	1994	392445
B	165m W	Tanks	1991	379444
C	165m E	Tanks	1985	379451
C	168m E	Unspecified Tank	1965	392435
G	172m SE	Tanks	1912	379864
G	193m SE	Tanks	1930	408711
G	196m SE	Tanks	1950	408053
G	196m SE	Tanks	1950	404652
G	205m SE	Unspecified Tank	1950	426485
G	205m E	Unspecified Tank	1912	394184
C	206m E	Unspecified Tank	1985	412697
C	206m E	Unspecified Tank	1985	406817
C	213m E	Unspecified Tank	1985	401605
G	217m SE	Unspecified Tank	1912	394186
G	218m SE	Unspecified Tank	1930	394178
C	218m E	Unspecified Tank	1985	416372
G	222m SE	Tanks	1912	379865
G	222m SE	Unspecified Tank	1912	408364
G	229m SE	Tanks	1950	401915

ID	Location	Land use	Dates present	Group ID
G	230m SE	Tanks	1950	420472
G	231m SE	Unspecified Tank	1950	411679
C	233m E	Unspecified Tank	1951 - 1965	410823
G	233m E	Unspecified Tank	1912	394171
C	233m E	Unspecified Tank	1951	426213
G	234m SE	Unspecified Tank	1898	394185
C	236m E	Unspecified Tank	1951	392430
L	236m W	Unspecified Tank	1994	401181
G	236m SE	Unspecified Tank	1930	394182
L	236m W	Unspecified Tank	1991	416854
G	238m SE	Unspecified Tank	1912 - 1930	424833
G	239m SE	Tanks	1950	413793
G	240m SE	Unspecified Tank	1930	413169
G	240m SE	Unspecified Tank	1950	406399
G	241m SE	Unspecified Tank	1930	406008
G	242m SE	Unspecified Tank	1898	426740
G	243m SE	Unspecified Tank	1898	427318
G	243m SE	Tanks	1950	420952
G	243m SE	Unspecified Tank	1930	394167
G	244m SE	Tanks	1950	379863
G	245m SE	Unspecified Tank	1950	398823
G	246m SE	Unspecified Tank	1950	407763
M	249m E	Tanks	1965	379443
G	252m SE	Tanks	1912	379854
C	254m E	Tanks	1951	423661
G	254m SE	Tanks	1950	402994
G	259m SE	Tanks	1950	416512
G	262m SE	Unspecified Tank	1898	394173



ID	Location	Land use	Dates present	Group ID
G	263m SE	Tanks	1950	430701
G	264m E	Tanks	1912	379861
L	266m W	Unspecified Tank	1951	418216
L	266m W	Unspecified Tank	1951	408717
G	266m E	Unspecified Tank	1912	394174
G	267m SE	Tanks	1930	414219
G	267m SE	Unspecified Tank	1950	394170
G	267m SE	Tanks	1950	379855
G	268m SE	Tanks	1979	379859
G	268m SE	Tanks	1950	431809
G	269m SE	Tanks	1898	406283
G	269m SE	Tanks	1950	425158
G	269m SE	Tanks	1950	418538
G	271m SE	Tanks	1950	404940
G	272m SE	Tanks	1950	403747
G	273m SE	Tanks	1950	417603
G	274m SE	Tanks	1950	421139
G	274m SE	Tanks	1950	421882
G	275m SE	Tanks	1898	421910
G	275m SE	Tanks	1950	417750
G	275m SE	Tanks	1950	431947
G	275m SE	Tanks	1950	419307
G	275m SE	Tanks	1930	427417
G	276m SE	Unspecified Tank	1950	403328
L	276m W	Unspecified Tank	1969	392431
G	277m SE	Tanks	1950	419821
G	278m SE	Tanks	1898	403670
G	278m SE	Tanks	1950	417166



ID	Location	Land use	Dates present	Group ID
G	278m E	Unspecified Tank	1950	426983
G	278m SE	Unspecified Tank	1950	426132
P	278m N	Unspecified Tank	1912	393504
L	280m W	Unspecified Tank	1969	392432
G	281m SE	Tanks	1950	428058
G	281m SE	Unspecified Tank	1950	394165
G	281m SE	Tanks	1950	379860
G	281m SE	Tanks	1950	428104
G	281m SE	Tanks	1950	431929
G	283m SE	Tanks	1912	427615
G	283m SE	Tanks	1930	426560
G	283m SE	Tanks	1950	398132
G	283m SE	Tanks	1950	418957
G	283m SE	Unspecified Tank	1950	394166
G	284m SE	Unspecified Tank	1898	394172
G	285m SE	Tanks	1898	379862
M	287m E	Unspecified Tank	1965	392434
G	287m SE	Tanks	1950	416994
G	287m SE	Tanks	1950	408343
G	287m SE	Tanks	1950	409938
G	288m SE	Tanks	1950	407209
G	288m SE	Tanks	1950	409237
G	288m SE	Tanks	1950	429977
G	288m SE	Tanks	1950	416000
G	289m SE	Tanks	1950	416126
G	293m SE	Unspecified Tank	1950	429634
G	293m SE	Unspecified Tank	1950	419326
C	293m E	Tanks	1951	409899

ID	Location	Land use	Dates present	Group ID
C	293m E	Tanks	1951	405918
G	295m SE	Tanks	1950	379856
G	295m SE	Unspecified Tank	1950	394169
G	297m SE	Unspecified Tank	1950	394168
G	297m SE	Unspecified Tank	1987 - 1994	413923
G	298m SE	Tanks	1950	423981
G	298m SE	Tanks	1950	408243
C	299m E	Tanks	1951	379442
G	299m SE	Tanks	1950	415191
G	300m SE	Tanks	1930 - 1950	410950
G	303m SE	Tanks	1898	424368
C	303m E	Tanks	1951	423024
G	304m SE	Tanks	1950	402929
G	305m SE	Tanks	1950	430350
G	306m SE	Tanks	1950	400597
G	309m SE	Tanks	1950	413323
G	310m SE	Tanks	1950	401841
M	310m E	Unspecified Tank	1912	392436
G	310m SE	Tanks	1950	398296
C	311m E	Tanks	1951	410200
C	315m E	Tanks	1951	421596
G	318m SE	Unspecified Tank	1994	394175
G	320m SE	Tanks	1950	430116
G	321m SE	Unspecified Tank	1930 - 1950	426257
C	322m E	Tanks	1951	409528
G	327m SE	Unspecified Tank	1950	409847
C	329m E	Unspecified Tank	1965	392433
C	336m E	Tanks	1951	418191



ID	Location	Land use	Dates present	Group ID
M	340m NE	Unspecified Tank	1951 - 1965	425672
C	357m E	Unspecified Tank	1898	392444
C	367m E	Unspecified Tank	1874	392443

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

39

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
A	36m W	Electricity Substation	1951 - 1991	310542
A	38m W	Electricity Substation	1994	320086
C	64m E	Electricity Substation	1985 - 1995	318898
E	142m NE	Electricity Substation	1985 - 1995	296330
3	168m S	Electricity Substation	1994	273923
B	181m NW	Electricity Substation	1980 - 1985	307255
E	186m NE	Electricity Substation	1985 - 1995	304237
C	217m E	Electricity Substation	1985 - 1995	279098
7	244m SW	Electricity Substation	1950	305692
8	247m SE	Electricity Substation	1979 - 1994	306500
L	260m W	Electricity Substation	1951	292452
O	262m NW	Electricity Substation	1969 - 1989	287515
O	262m NW	Electricity Substation	1994	310898
L	262m W	Electricity Substation	1989 - 1994	313207
O	263m NW	Electricity Substation	1991	289995



ID	Location	Land use	Dates present	Group ID
L	264m W	Electricity Substation	1969	283979
J	268m SW	Electricity Substation	1994	273924
L	277m W	Electricity Substation	1980 - 1985	292619
10	285m W	Electricity Substation	1969	267362
M	300m E	Electricity Substation	1995	288396
M	301m E	Electricity Substation	1985	301626
H	334m NW	Electricity Substation	1980 - 1994	286464
G	334m SE	Electricity Substation	1979 - 1994	298420
C	346m E	Electricity Substation	1985 - 1995	301779
N	353m S	Electricity Substation	1979	298645
N	354m S	Electricity Substation	1994	289416
N	354m S	Electricity Substation	1969	282327
C	368m E	Electricity Substation	1985 - 1995	302448
C	392m E	Electricity Substation	1985 - 1995	309216
11	420m N	Electricity Substation	1969 - 1994	300074
12	425m SE	Electricity Substation	1950	306011
K	433m E	Electricity Substation	1985 - 1995	316458
R	448m SW	Electricity Substation	1969 - 1979	279952
R	449m SW	Electricity Substation	1994	298056
S	453m NW	Electricity Substation	1951	291086
S	454m NW	Electricity Substation	1974	283616
S	454m NW	Electricity Substation	1979 - 1986	290908
T	462m W	Electricity Substation	1974	298818
T	463m W	Electricity Substation	1979 - 1986	304196

This data is sourced from Ordnance Survey / Groundsure.



1.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

8

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

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

ID	Location	Land use	Dates present	Group ID
L	230m W	Garage	1989	85854
L	242m W	Garage	1991	84660
L	272m W	Garage	1980 - 1985	91728
L	272m W	Garage	1951	87429
L	272m W	Garage	1969	89376
L	273m W	Garage	1994	85806
L	327m W	Garage	1989 - 1994	86803
N	331m S	Garage	1950	81674

This data is sourced from Ordnance Survey / Groundsure.



1.6 Historical military land

Records within 500m

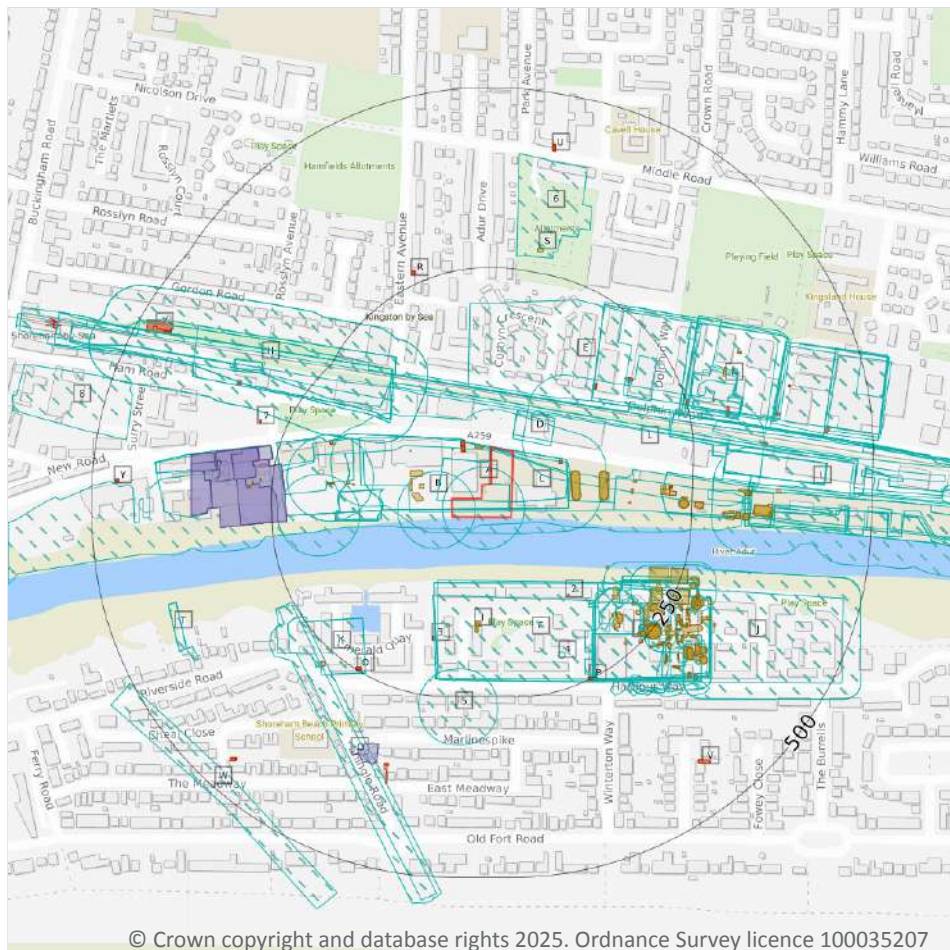
0

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

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



2 Past land use - un-grouped



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

2.1 Historical industrial land uses

Records within 500m

142

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 30](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Timber Pond	1909	2271811
A	On site	Unspecified Wharf	1909	2332143
A	On site	Unspecified Wharf	1982	2273774



ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Depot	1963	2296181
A	On site	Unspecified Warehouse	1968	2189575
A	On site	Unspecified Depot	1972	2261142
A	On site	Unspecified Depots	1982	2184380
A	On site	Timber Pond	1912	2234484
A	On site	Timber Pond	1912	2234484
B	On site	Timber Ponds	1896	2295984
C	On site	Unspecified Depot	1982	2327666
1	15m E	Brick Field	1873	2324894
D	18m N	Coastguard Station	1912	2265849
D	23m N	Coastguard Station	1909	2265849
D	58m N	Railway Sidings	1896	2306180
D	62m N	Railway Sidings	1912	2242982
D	66m N	Railway Sidings	1948	2297355
D	66m N	Railway Sidings	1909	2259063
E	77m N	Brick Field	1896	2271597
C	79m E	Unspecified Tanks	1982	2168692
F	88m S	Unspecified Commercial/Industrial	1972	2171429
F	91m S	Timber Yard	1982	2200878
G	91m S	Unspecified Depot	1982	2325224
B	96m W	Unspecified Wharf	1912	2256150
B	96m W	Unspecified Wharf	1912	2256150
B	97m W	Unspecified Wharf	1896	2302457
F	109m S	Unspecified Depot	1968	2269246
B	111m W	Timber Ponds	1873	2295984
H	111m NW	Goods Yard	1948	2290131
H	111m NW	Goods Yard	1909	2265610
C	122m E	Unspecified Tanks	1982	2168691



ID	Location	Land Use	Date	Group ID
B	128m W	Unspecified Wharf	1982	2276839
E	129m NE	Brick Field	1912	2273941
E	129m NE	Brick Field	1912	2273941
E	133m NE	Brick Field	1909	2291968
H	137m NW	Goods Yard	1912	2264307
B	139m W	Unspecified Works	1982	2182863
H	140m NW	Railway Sidings	1963	2313352
H	140m NW	Goods Yard	1963	2248546
H	140m NW	Railway Sidings	1968	2313352
C	142m E	Unspecified Works	1982	2226508
H	150m NW	Railway Sidings	1972	2218252
G	152m SE	Unspecified Wharf	1909	2263978
G	154m SE	Unspecified Works	1963	2183002
G	161m SE	Chemical Works	1896	2310190
G	163m SE	Chemical Works	1948	2307212
G	163m SE	Chemical Works	1909	2316669
G	164m SE	Chemical Works	1912	2251284
E	172m NE	Unspecified Mill	1963	2173497
E	176m NE	Sawmill	1982	2201003
G	177m SE	Railway Sidings	1909	2204596
G	177m SE	Unspecified Wharf	1912	2278060
G	177m SE	Railway Sidings	1912	2278865
G	177m SE	Unspecified Wharf	1912	2278060
G	177m SE	Unspecified Wharf	1948	2243494
G	181m SE	Unspecified Tanks	1948	2168806
J	187m SE	Unspecified Depot	1968	2295398
J	187m SE	Unspecified Depot	1972	2295398
K	187m SW	Unspecified Works	1963	2273736



ID	Location	Land Use	Date	Group ID
K	187m SW	Unspecified Works	1968	2273736
G	197m SE	Unspecified Depot	1968	2289908
G	197m SE	Unspecified Depot	1972	2289908
4	199m S	Unspecified Tank	1963	2192073
C	208m E	Unspecified Works	1963	2228582
L	208m E	Railway Sidings	1963	2205154
5	211m S	Hospital	1896	2194991
L	218m E	Railway Sidings	1968	2310654
L	218m E	Railway Sidings	1972	2310654
G	226m SE	Unspecified Tank	1963	2192070
C	231m E	Unspecified Tank	1963	2191603
N	233m E	Soap Works	1896	2271554
G	236m SE	Unspecified Tanks	1948	2231235
G	236m SE	Unspecified Tanks	1909	2207078
G	239m SE	Unspecified Tanks	1912	2242271
G	243m SE	Unspecified Tanks	1963	2256387
N	245m E	Unspecified Works	1963	2269160
G	245m SE	Unspecified Tank	1896	2192068
N	245m E	Soap Works	1912	2330193
N	245m E	Soap Works	1948	2257412
N	246m E	Soap Works	1909	2330193
Q	248m SW	Tramway Sidings	1912	2300155
M	248m W	Unspecified Works	1972	2215042
G	249m SE	Railway Sidings	1948	2233036
G	250m SE	Railway Sidings	1912	2305522
N	251m E	Unspecified Commercial/Industrial	1972	2171368
N	252m E	Unspecified Warehouses	1982	2199173
Q	253m SW	Tramway Sidings	1909	2300155



ID	Location	Land Use	Date	Group ID
N	255m E	Unspecified Works	1968	2269160
6	269m N	Brick Field	1909	2158722
G	271m SE	Unspecified Ground Workings	1963	2164474
C	272m E	Railway Sidings	1948	2325502
G	276m SE	Unspecified Tanks	1948	2252873
G	276m SE	Unspecified Tanks	1909	2293065
G	276m SE	Unspecified Tanks	1912	2247821
L	276m E	Sawing and Planing Mills	1948	2330161
C	277m E	Unspecified Works	1968	2303916
C	277m E	Unspecified Works	1972	2303916
G	277m SE	Unspecified Heap	1948	2187487
L	278m E	Steam Sawing and Planning Mills	1873	2167150
L	278m E	Railway Sidings	1873	2285064
G	279m SE	Unspecified Heaps	1909	2244800
G	279m SE	Unspecified Heaps	1912	2245492
G	279m SE	Unspecified Heaps	1912	2245492
G	284m SE	Unspecified Tank	1963	2192069
S	284m N	Unspecified Tank	1909	2192119
C	294m E	Unspecified Works	1963	2223858
G	299m SE	Unspecified Tanks	1948	2300173
G	300m SE	Unspecified Tanks	1909	2298764
G	300m SE	Unspecified Tanks	1896	2307007
G	300m SE	Unspecified Tanks	1912	2300173
G	307m SE	Unspecified Tank	1963	2192072
G	315m SE	Unspecified Tanks	1948	2245866
H	315m NW	Goods Yard	1968	2261735
H	316m NW	Railway Building	1972	2196481
G	318m SE	Unspecified Tanks	1912	2298764



ID	Location	Land Use	Date	Group ID
L	324m E	Railway Sidings	1909	2246005
L	324m E	Sawing and Planing Mills	1896	2305002
L	324m E	Railway Sidings	1896	2246005
M	324m W	Unspecified Works	1963	2312062
M	324m W	Unspecified Works	1968	2312062
G	325m SE	Unspecified Tank	1963	2192071
L	328m E	Railway Sidings	1873	2266518
C	359m E	Nursery	1912	2217991
C	362m E	Unspecified Factory	1948	2200143
L	365m E	Unspecified Wharf	1912	2301598
L	365m E	Unspecified Wharf	1912	2301598
C	365m E	Nursery	1963	2285922
L	365m E	Unspecified Wharf	1909	2221610
T	401m W	Boat House	1963	2320462
T	401m W	Boat House	1968	2320462
T	403m SW	Boat House	1896	2172724
C	434m E	Unspecified Works	1968	2314451
C	434m E	Unspecified Commercial/Industrial	1972	2171367
C	436m E	Unspecified Works	1982	2309394
8	459m W	Unspecified Old Workhouse	1896	2158522
L	473m E	Railway Building	1873	2196479
W	474m SW	Rifle Range	1896	2169549
C	483m E	Nursery	1909	2237904
L	485m E	Coke Ovens	1896	2244523
L	485m E	Railway Building	1896	2196477
L	490m E	Coke Ovens	1873	2244523
L	492m E	Railway Buildings	1873	2160575

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

187

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

Features are displayed on the Past land use - un-grouped map on [page 30 >](#)

ID	Location	Land Use	Date	Group ID
A	11m W	Unspecified Tank	1969	392440
A	40m W	Tanks	1969	379449
A	41m W	Tanks	1969	379447
A	52m NW	Tanks	1969	379445
A	53m W	Unspecified Tank	1991	411979
A	54m W	Unspecified Tank	1994	427940
A	55m W	Tanks	1969	379448
A	58m W	Tanks	1969	379446
C	81m E	Tanks	1995	420178
C	81m E	Tanks	1985	420178
A	87m NW	Unspecified Tank	1991	392439
C	120m E	Tanks	1995	430026
C	120m E	Tanks	1985	430026
C	131m E	Unspecified Tank	1995	407412
C	132m E	Unspecified Tank	1985	409586
2	133m SE	Unspecified Tank	1950	394183
B	136m W	Unspecified Tank	1994	392446
B	143m W	Unspecified Tank	1991	392438
I	144m S	Unspecified Tank	1979	423565
I	144m S	Unspecified Tank	1994	423565
I	147m S	Unspecified Tank	1969	416386
G	149m SE	Unspecified Tank	1912	394176
I	154m S	Unspecified Tank	1994	421125



ID	Location	Land Use	Date	Group ID
I	154m S	Unspecified Tank	1979	421125
C	163m E	Unspecified Tank	1985	392447
B	165m W	Unspecified Tank	1994	392445
B	165m W	Tanks	1991	379444
C	165m E	Tanks	1985	379451
C	168m E	Unspecified Tank	1965	392435
G	172m SE	Tanks	1912	379864
G	193m SE	Tanks	1930	408711
G	196m SE	Tanks	1950	408053
G	196m SE	Tanks	1950	404652
G	205m SE	Unspecified Tank	1950	426485
G	205m E	Unspecified Tank	1912	394184
G	206m SE	Unspecified Tank	1950	426485
C	206m E	Unspecified Tank	1985	412697
C	206m E	Unspecified Tank	1985	406817
C	213m E	Unspecified Tank	1985	401605
G	217m SE	Unspecified Tank	1912	394186
G	218m SE	Unspecified Tank	1930	394178
C	218m E	Unspecified Tank	1985	416372
G	222m SE	Tanks	1912	379865
G	222m SE	Unspecified Tank	1912	408364
G	229m SE	Tanks	1950	401915
G	230m SE	Tanks	1950	420472
G	231m SE	Unspecified Tank	1950	411679
G	232m SE	Unspecified Tank	1950	411679
C	233m E	Unspecified Tank	1965	410823
C	233m E	Unspecified Tank	1951	410823
G	233m E	Unspecified Tank	1912	394171



ID	Location	Land Use	Date	Group ID
C	233m E	Unspecified Tank	1951	426213
G	234m SE	Unspecified Tank	1898	394185
C	236m E	Unspecified Tank	1951	392430
M	236m W	Unspecified Tank	1994	401181
G	236m SE	Unspecified Tank	1930	394182
M	236m W	Unspecified Tank	1991	416854
G	238m SE	Unspecified Tank	1912	424833
G	238m SE	Unspecified Tank	1930	424833
G	239m SE	Tanks	1950	413793
G	240m SE	Unspecified Tank	1930	413169
G	240m SE	Unspecified Tank	1950	406399
G	240m SE	Unspecified Tank	1950	406399
G	241m SE	Unspecified Tank	1930	406008
G	242m SE	Unspecified Tank	1898	426740
G	243m SE	Unspecified Tank	1898	427318
G	243m SE	Tanks	1950	420952
G	243m SE	Unspecified Tank	1930	394167
G	244m SE	Tanks	1950	379863
G	245m SE	Unspecified Tank	1950	398823
G	246m SE	Unspecified Tank	1950	407763
G	247m SE	Unspecified Tank	1950	407763
N	249m E	Tanks	1965	379443
G	252m SE	Tanks	1912	379854
C	254m E	Tanks	1951	423661
C	254m E	Tanks	1951	423661
G	254m SE	Tanks	1950	402994
G	255m SE	Tanks	1950	402994
G	259m SE	Tanks	1950	416512



ID	Location	Land Use	Date	Group ID
G	260m SE	Tanks	1950	416512
G	262m SE	Unspecified Tank	1898	394173
G	263m SE	Tanks	1950	430701
G	264m SE	Tanks	1950	430701
G	264m E	Tanks	1912	379861
M	266m W	Unspecified Tank	1951	418216
M	266m W	Unspecified Tank	1951	408717
G	266m E	Unspecified Tank	1912	394174
G	267m SE	Tanks	1930	414219
G	267m SE	Unspecified Tank	1950	394170
G	267m SE	Tanks	1950	379855
G	268m SE	Tanks	1979	379859
G	268m SE	Tanks	1950	431809
G	269m SE	Tanks	1898	406283
G	269m SE	Tanks	1950	425158
G	269m SE	Tanks	1950	418538
G	271m SE	Tanks	1950	404940
G	272m SE	Tanks	1950	403747
G	273m SE	Tanks	1950	417603
G	274m SE	Tanks	1950	421139
G	274m SE	Tanks	1950	421882
G	275m SE	Tanks	1898	421910
G	275m SE	Tanks	1950	417750
G	275m SE	Tanks	1950	431947
G	275m SE	Tanks	1950	419307
G	275m SE	Tanks	1930	427417
G	276m SE	Unspecified Tank	1950	403328
M	276m W	Unspecified Tank	1969	392431



ID	Location	Land Use	Date	Group ID
G	276m SE	Unspecified Tank	1950	403328
G	277m SE	Tanks	1950	419821
G	278m SE	Tanks	1898	403670
G	278m SE	Tanks	1950	417166
G	278m E	Unspecified Tank	1950	426983
G	278m SE	Unspecified Tank	1950	426132
S	278m N	Unspecified Tank	1912	393504
G	279m SE	Tanks	1950	417166
M	280m W	Unspecified Tank	1969	392432
G	281m SE	Tanks	1950	428058
G	281m SE	Unspecified Tank	1950	394165
G	281m SE	Tanks	1950	379860
G	281m SE	Tanks	1950	428104
G	281m SE	Tanks	1950	431929
G	283m SE	Tanks	1912	427615
G	283m SE	Tanks	1930	426560
G	283m SE	Tanks	1950	398132
G	283m SE	Tanks	1950	418957
G	283m SE	Unspecified Tank	1950	394166
G	283m SE	Tanks	1950	398132
G	284m SE	Unspecified Tank	1898	394172
G	285m SE	Tanks	1898	379862
N	287m E	Unspecified Tank	1965	392434
G	287m SE	Tanks	1950	416994
G	287m SE	Tanks	1950	408343
G	287m SE	Tanks	1950	409938
G	288m SE	Tanks	1950	407209
G	288m SE	Tanks	1950	409237



ID	Location	Land Use	Date	Group ID
G	288m SE	Tanks	1950	429977
G	288m SE	Tanks	1950	416000
G	289m SE	Tanks	1950	416000
G	289m SE	Tanks	1950	416126
G	290m SE	Tanks	1950	408343
G	293m SE	Unspecified Tank	1950	429634
G	293m SE	Unspecified Tank	1950	419326
C	293m E	Tanks	1951	409899
C	293m E	Tanks	1951	405918
G	295m SE	Tanks	1950	379856
G	295m SE	Unspecified Tank	1950	394169
G	297m SE	Unspecified Tank	1950	394168
G	297m SE	Unspecified Tank	1987	413923
G	298m SE	Tanks	1950	423981
G	298m SE	Tanks	1950	408243
C	299m E	Tanks	1951	379442
G	299m SE	Unspecified Tank	1994	413923
G	299m SE	Tanks	1950	415191
G	299m SE	Tanks	1950	415191
G	300m SE	Tanks	1930	410950
G	303m SE	Tanks	1898	424368
C	303m E	Tanks	1951	423024
G	304m SE	Tanks	1950	402929
G	305m SE	Tanks	1950	410950
G	305m SE	Tanks	1950	430350
G	306m SE	Tanks	1950	410950
G	306m SE	Tanks	1950	400597
G	309m SE	Tanks	1950	413323

ID	Location	Land Use	Date	Group ID
G	310m SE	Tanks	1950	401841
N	310m E	Unspecified Tank	1912	392436
G	310m SE	Tanks	1950	398296
C	311m E	Tanks	1951	410200
C	311m E	Tanks	1951	410200
C	315m E	Tanks	1951	421596
G	318m SE	Unspecified Tank	1994	394175
G	320m SE	Tanks	1950	430116
G	321m SE	Unspecified Tank	1930	426257
C	322m E	Tanks	1951	409528
C	322m E	Tanks	1951	409528
C	324m E	Tanks	1951	421596
G	327m SE	Unspecified Tank	1950	426257
G	327m SE	Unspecified Tank	1950	409847
G	328m SE	Unspecified Tank	1950	409847
G	328m SE	Unspecified Tank	1950	426257
C	329m E	Unspecified Tank	1965	392433
C	336m E	Tanks	1951	418191
C	336m E	Tanks	1951	418191
N	340m NE	Unspecified Tank	1965	425672
N	340m NE	Unspecified Tank	1951	425672
N	340m NE	Unspecified Tank	1951	425672
C	357m E	Unspecified Tank	1898	392444
C	367m E	Unspecified Tank	1874	392443

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

83

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

Features are displayed on the Past land use - un-grouped map on [page 30](#) >

ID	Location	Land Use	Date	Group ID
A	36m W	Electricity Substation	1951	310542
A	36m W	Electricity Substation	1980	310542
A	36m W	Electricity Substation	1985	310542
A	36m W	Electricity Substation	1989	310542
A	36m W	Electricity Substation	1989	310542
A	37m W	Electricity Substation	1951	310542
A	37m W	Electricity Substation	1991	310542
A	37m W	Electricity Substation	1969	310542
A	38m W	Electricity Substation	1994	320086
C	64m E	Electricity Substation	1995	318898
C	65m E	Electricity Substation	1985	318898
E	142m NE	Electricity Substation	1995	296330
E	142m NE	Electricity Substation	1985	296330
3	168m S	Electricity Substation	1994	273923
B	181m NW	Electricity Substation	1980	307255
B	181m NW	Electricity Substation	1985	307255
E	186m NE	Electricity Substation	1995	304237
E	188m NE	Electricity Substation	1985	304237
C	217m E	Electricity Substation	1995	279098
C	219m E	Electricity Substation	1985	279098
O	244m SW	Electricity Substation	1950	305692
O	244m SW	Electricity Substation	1950	305692
P	247m SE	Electricity Substation	1979	306500



ID	Location	Land Use	Date	Group ID
P	247m SE	Electricity Substation	1987	306500
P	247m SE	Electricity Substation	1994	306500
M	260m W	Electricity Substation	1951	292452
M	260m W	Electricity Substation	1951	292452
R	262m NW	Electricity Substation	1980	287515
R	262m NW	Electricity Substation	1985	287515
R	262m NW	Electricity Substation	1989	287515
R	262m NW	Electricity Substation	1989	287515
R	262m NW	Electricity Substation	1969	287515
R	262m NW	Electricity Substation	1994	310898
M	262m W	Electricity Substation	1989	313207
M	262m W	Electricity Substation	1989	313207
R	263m NW	Electricity Substation	1991	289995
M	263m W	Electricity Substation	1994	313207
M	264m W	Electricity Substation	1969	283979
M	264m W	Electricity Substation	1991	313207
K	268m SW	Electricity Substation	1994	273924
M	277m W	Electricity Substation	1980	292619
M	277m W	Electricity Substation	1985	292619
7	285m W	Electricity Substation	1969	267362
N	300m E	Electricity Substation	1995	288396
N	301m E	Electricity Substation	1985	301626
H	334m NW	Electricity Substation	1980	286464
H	334m NW	Electricity Substation	1985	286464
H	334m NW	Electricity Substation	1989	286464
H	334m NW	Electricity Substation	1989	286464
H	334m NW	Electricity Substation	1994	286464
H	334m NW	Electricity Substation	1991	286464



ID	Location	Land Use	Date	Group ID
G	334m SE	Electricity Substation	1994	298420
G	336m SE	Electricity Substation	1979	298420
G	336m SE	Electricity Substation	1987	298420
C	346m E	Electricity Substation	1995	301779
C	347m E	Electricity Substation	1985	301779
Q	353m S	Electricity Substation	1979	298645
Q	354m S	Electricity Substation	1994	289416
Q	354m S	Electricity Substation	1969	282327
C	368m E	Electricity Substation	1995	302448
C	369m E	Electricity Substation	1985	302448
C	392m E	Electricity Substation	1995	309216
C	393m E	Electricity Substation	1985	309216
U	420m N	Electricity Substation	1969	300074
U	420m N	Electricity Substation	1979	300074
U	420m N	Electricity Substation	1984	300074
U	421m N	Electricity Substation	1994	300074
U	421m N	Electricity Substation	1974	300074
V	425m SE	Electricity Substation	1950	306011
V	426m SE	Electricity Substation	1950	306011
L	433m E	Electricity Substation	1995	316458
L	434m E	Electricity Substation	1985	316458
W	448m SW	Electricity Substation	1979	279952
W	449m SW	Electricity Substation	1994	298056
W	450m SW	Electricity Substation	1969	279952
X	453m NW	Electricity Substation	1951	291086
X	454m NW	Electricity Substation	1951	291086
X	454m NW	Electricity Substation	1974	283616
X	454m NW	Electricity Substation	1979	290908



ID	Location	Land Use	Date	Group ID
X	454m NW	Electricity Substation	1986	290908
Y	462m W	Electricity Substation	1974	298818
Y	463m W	Electricity Substation	1979	304196
Y	463m W	Electricity Substation	1986	304196

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0
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Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	13
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 30 >](#)

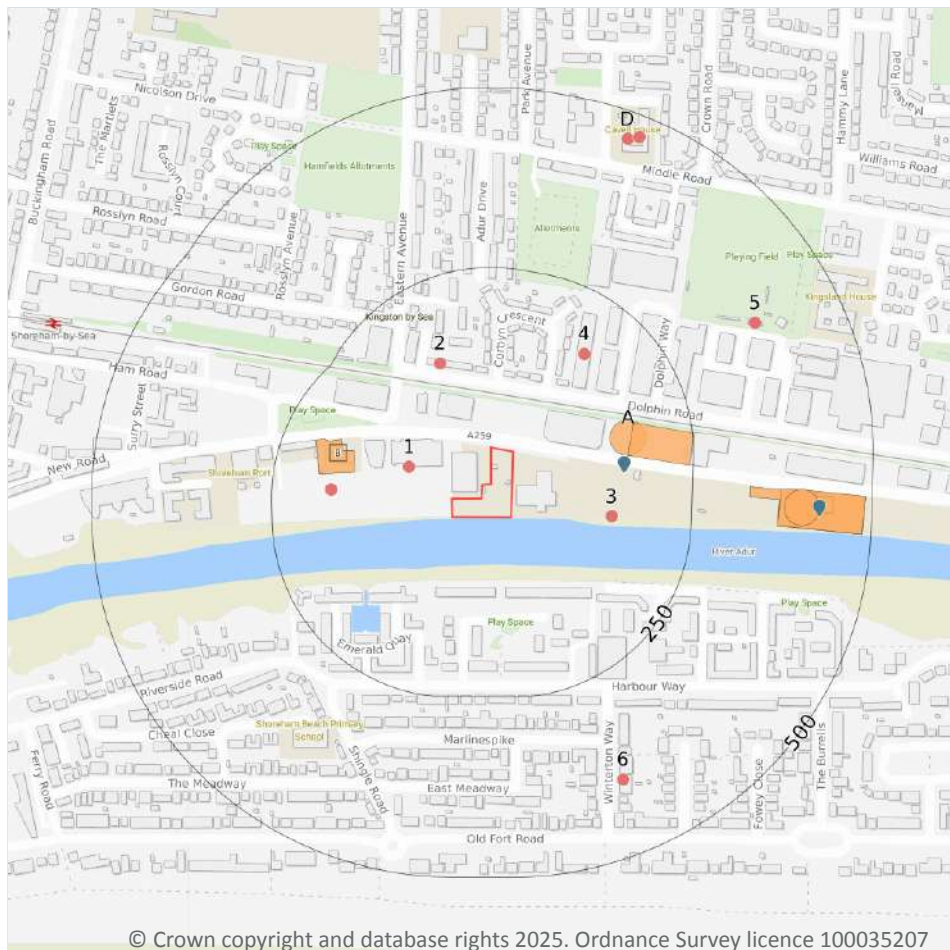
ID	Location	Land Use	Date	Group ID
M	230m W	Garage	1989	85854
M	230m W	Garage	1989	85854
M	242m W	Garage	1991	84660
M	272m W	Garage	1980	91728
M	272m W	Garage	1985	91728
M	272m W	Garage	1951	87429
M	272m W	Garage	1969	89376
M	273m W	Garage	1994	85806
M	327m W	Garage	1989	86803

ID	Location	Land Use	Date	Group ID
M	327m W	Garage	1989	86803
M	330m W	Garage	1991	86803
M	330m W	Garage	1994	86803
Q	331m S	Garage	1950	81674

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m**0**

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m**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**6**

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 48 >](#)

ID	Location	Address	Further Details	Date
A	136m E	Site Address: Shoreham Civic Amenity Tip, Brighton Road, SHOREHAM-BY-SEA, West Sussex, BN43	Type of Site: Recycling Station Planning application reference: ADC/0453/06 Description: Scheme comprises operation of a bulking station for recyclables for a temporary period of up to 6 months. An application (ref: ADC/0453/06) for detailed planning permission was submitted to Adur D.C. Data source: Historic Planning Application Data Type: Point	-
B	139m W	Site Address: N/A	Type of Site: Scrap Metal Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1969
A	160m E	Site Address: N/A	Type of Site: Amenity Tip Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1995



ID	Location	Address	Further Details	Date
C	330m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1995
C	370m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1985
C	378m E	Site Address: Kingston Wharf, Brighton Road, (Pioneer Concrete), SHOREHAM-BY-SEA, West Sussex, BN43 6RN	Type of Site: Recycle Centre Planning application reference: ADC/0621/07 Description: Scheme comprises recycle centre (skip waste) with construction of three ancillary buildings, portacabin units to provide office accommodation and car parking. Construction - black top surfacing site works. An application (ref: ADC/0621/07) for detailed planning permission was submitted to Adur D.C. 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	8
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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 48](#) >

ID	Location	Details		
A	154m E	Site Name: Shoreham H W R C Site Address: Land/ Premises At, Brighton Road, Shoreham By Sea, West Sussex, BN43 6RJ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VIR011 EPR reference: EA/EPR/BP3397SU/V005 Operator: Viridor Waste Management Limited Waste Management licence No: 19726 Annual Tonnage: 24999	Issue Date: 01/09/1995 Effective Date: 28/05/2004 Modified: 20/10/2020 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
A	154m E	Site Name: Shoreham H W R C Site Address: Land/ Premises At, Brighton Road, Shoreham By Sea, West Sussex, BN43 6RJ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VIR011 EPR reference: EA/EPR/BP3397SU/V004 Operator: Viridor Waste Management Ltd Waste Management licence No: 19726 Annual Tonnage: 24999	Issue Date: 01/09/1995 Effective Date: 28/05/2004 Modified: 08/01/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	154m E	Site Name: Shoreham H W R C Site Address: Shoreham H W R C, Old Brighton Road, Shoreham-by- sea, West Sussex, BN43 6RJ Correspondence Address: Great Western House, Station Approach, Taunton, Somerset, TA1 1QW	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VIR011 EPR reference: - Operator: Viridor Waste Management Ltd Waste Management licence No: 19726 Annual Tonnage: 0	Issue Date: 01/09/1995 Effective Date: 28/05/2004 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
A	154m E	Site Name: Shoreham H W R C Site Address: Shoreham H W R C, Old Brighton Road, Shoreham-by- sea, West Sussex, BN43 6RJ Correspondence Address: Contract Office - Burgess Hill Transfer Station, Fairbridge Way, Burgess Hill, West Sussex, RH15 8QR	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WYV004 EPR reference: - Operator: Wyvern Waste Services Ltd Waste Management licence No: 19726 Annual Tonnage: 0	Issue Date: 01/09/1995 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
A	154m E	Site Name: Shoreham H W R C Site Address: Shoreham H W R C, Old Brighton Road, Shoreham By Sea, West Sussex, BN43 6RJ Correspondence Address: Great Western House, Station Approach, Taunton, Somerset, TA1 1QW	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VIR011 EPR reference: - Operator: Viridor Waste Management Ltd Waste Management licence No: 19726 Annual Tonnage: 15600	Issue Date: 01/09/1995 Effective Date: 28/05/2004 Modified: 29/11/2005 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	154m E	Site Name: Shoreham H W R C Site Address: Land/ Premises At, Brighton Road, Shoreham By Sea, West Sussex, BN43 6RJ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 647156 EPR reference: EA/EPR/KB3606TX Operator: Syracuse Waste Limited Waste Management licence No: 19726 Annual Tonnage: 24999	Issue Date: 01/09/1995 Effective Date: 01/09/1995 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	426m E	Site Name: E M R Site Address: Kingston Wharf, Brighton Road, Shoreham By Sea, West Sussex, BN43 6RN Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: COO002 EPR reference: EA/EPR/NP3094HA/V004 Operator: Cooper Barnes Metals Ltd Waste Management licence No: 19694 Annual Tonnage: 260000	Issue Date: 30/09/1995 Effective Date: - Modified: 11/12/2009 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
C	426m E	Site Name: E M R Site Address: Kingston Wharf, Brighton Rd, Shoreham-by-Sea, Shoreham-by-Sea, BN43 6RN Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 654780 EPR reference: EA/EPR/LB3402MC Operator: European Metal Recycling Limited Waste Management licence No: 19694 Annual Tonnage: 260000	Issue Date: 30/09/1995 Effective Date: 30/09/1995 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



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

3.7 Waste exemptions

Records within 500m	9
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Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

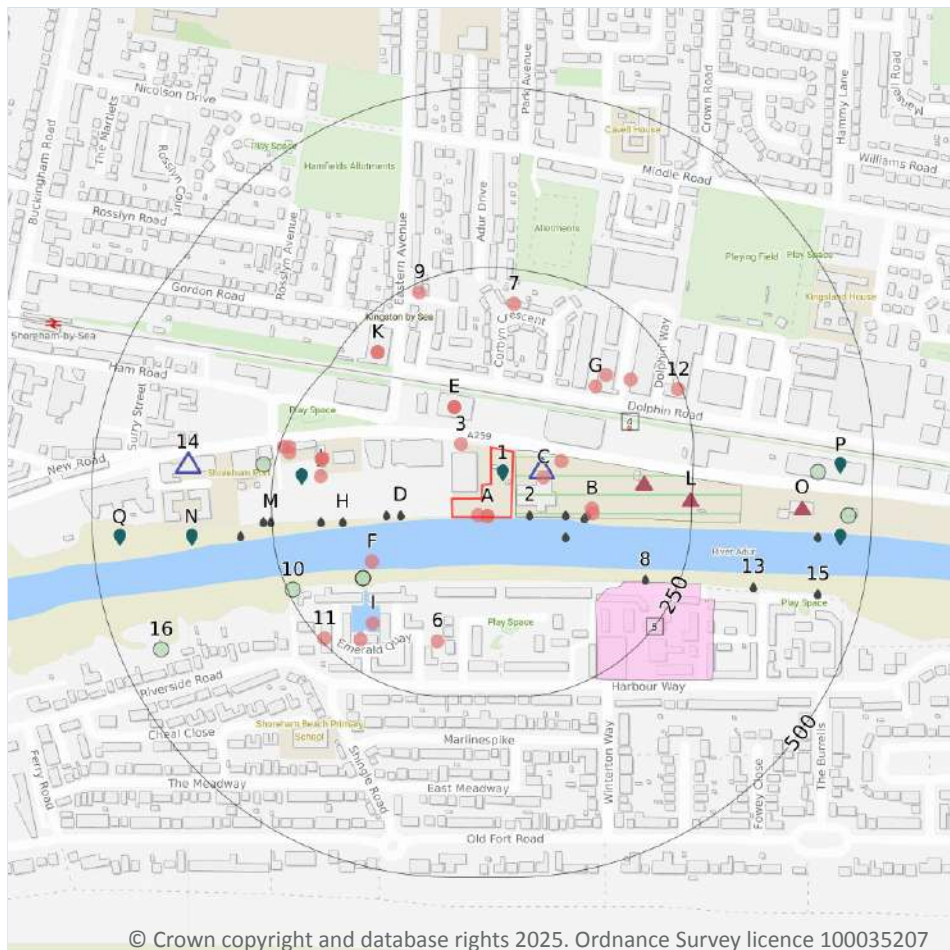
Features are displayed on the Waste and landfill map on [page 48 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
1	74m NW	-	WEX359386	Using waste exemption	Not on a farm	Use of waste in construction
2	136m NW	5, Dolphin Road, Shoreham-By-Sea, Bn43 6pb	WEX107243	Storing waste exemption	Not on a farm	Storage of waste in a secure place
3	139m E	J Davies Building Limited, Lennards Wharf, Brighton Road, Shoreham, Bn43 6rn	WEX385297	Using waste exemption	Not on a farm	Use of waste in construction
4	167m NE	46, Dolphin Road, Shoreham-By-Sea, Bn43 6pb	WEX424768	Storing waste exemption	Not on a farm	Storage of waste in secure containers
B	169m W	-	WEX313599	Using waste exemption	Not on a farm	Use of waste in construction
5	380m NE	-	WEX266946	Using waste exemption	Not on a farm	Use of waste in construction
6	396m SE	8, Winterton Way, Shoreham-By-Sea, Bn43 5re	WEX288626	Using waste exemption	Not on a farm	Use of waste in construction
D	461m N	Middle Road, Shoreham-By-Sea, Bn43 6gs	WEX386758	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	470m N	-	WEX233502	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- NGD current or recent tanks
- ▲ Current or recent petrol stations
- Sites determined as Contaminated Land
- Control of Major Accident Hazards
- ▲ Hazardous substance storage/usage
- ◆ Licensed pollutant release (Part A(2)/B)
- ◆ Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

31

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 54](#) >

ID	Location	Company	Address	Activity	Category
A	On site	K R M Concrete Ltd	New Wharf, Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RN	Concrete Products	Industrial Products
A	On site	New Wharf	West Sussex, BN43	Moorings and Unloading Facilities	Water



ID	Location	Company	Address	Activity	Category
A	On site	Bee Moved	New Wharf, Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RN	Container and Storage	Transport, Storage and Delivery
3	42m W	Electricity Sub Station	West Sussex, BN43	Electrical Features	Infrastructure and Facilities
C	43m E	Sussex Food Markets	Unit 1 New Wharf, Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RN	Fish, Meat and Poultry Products	Foodstuffs
C	68m E	Electricity Sub Station	West Sussex, BN43	Electrical Features	Infrastructure and Facilities
E	76m NW	Halfords	Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RJ	Vehicle Parts and Accessories	Motoring
E	76m NW	Halfords	Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RJ	Vehicle Components	Industrial Products
E	76m NW	Halfords Autocentre	Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	112m E	Lennards Wharf	West Sussex, BN43	Moorings and Unloading Facilities	Water
B	113m E	Travelling Crane	West Sussex, BN43	Travelling Cranes and Gantries	Industrial Features
F	127m SW	Free Wharf	West Sussex, BN43	Moorings and Unloading Facilities	Water
G	146m NE	Electricity Sub Station	West Sussex, BN43	Electrical Features	Infrastructure and Facilities
G	168m NE	Factory	West Sussex, BN43	Unspecified Works Or Factories	Industrial Features
6	173m S	Electricity Sub Station	West Sussex, BN43	Electrical Features	Infrastructure and Facilities
I	184m SW	Pontoons	West Sussex, BN43	Moorings and Unloading Facilities	Water
J	184m W	Silo	West Sussex, BN43	Hoppers and Silos	Farming
J	188m W	Kwik-Fit (GB) Limited	37-41, Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RE	Vehicle Repair, Testing and Servicing	Repair and Servicing
J	189m W	The Whale Car Wash Ltd	37, Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RE	Vehicle Cleaning Services	Personal, Consumer and Other Services
J	189m W	The Whale Car Wash	37, Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RE	Vehicle Cleaning Services	Personal, Consumer and Other Services



ID	Location	Company	Address	Activity	Category
G	191m NE	Electricity Sub Station	West Sussex, BN43	Electrical Features	Infrastructure and Facilities
7	202m N	Nigel J Beverton Artist Blacksmith	31, Corbyn Crescent, Shoreham-by-Sea, West Sussex, BN43 6PQ	Metalworkers Including Blacksmiths	Construction Services
K	206m NW	Ready Steady Store	1-3, Eastern Avenue, Shoreham-by-Sea, West Sussex, BN43 6PD	Container and Storage	Transport, Storage and Delivery
K	206m NW	Boxx Storage	1-3, Eastern Avenue, Shoreham-by-Sea, West Sussex, BN43 6PD	Container and Storage	Transport, Storage and Delivery
I	212m SW	The Quay	West Sussex, BN43	Moorings and Unloading Facilities	Water
J	235m W	Ham Business Centre	West Sussex, BN43	Business Parks and Industrial Estates	Industrial Features
J	237m W	Sovereign Surgical	Unit 2 Ham Business Centre, Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RE	Industrial Repairs and Servicing	Repair and Servicing
9	237m NW	Miniature Rifle Range	West Sussex, BN43	Shooting Facilities	Sports Complex
J	244m W	Powertrain Technology Ltd	Unit 1 Ham Business Centre, Brighton Road, Shoreham-by-Sea, West Sussex, BN43 6RE	Industrial Engineers	Engineering Services
11	245m SW	Armstrong Lighting	4 King John Court, Emerald Quay, Shoreham-by-Sea, West Sussex, BN43 5JQ	Lampshades and Lighting	Consumer Products
12	245m E	York Printing Services Ltd	Unit A1 Dolphin Way, Shoreham-by-Sea, West Sussex, BN43 6NZ	Published Goods	Industrial Products

This data is sourced from Ordnance Survey.

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

Records within 250m

1

Current or recent tanks identified from the Ordnance Survey NGD.

Features are displayed on the Current industrial land use map on [page 54 >](#)

ID	Location	Tank description	Activity	Date first identified
4	162m E	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	03/07/2014



This data is sourced from Ordnance Survey.

4.3 Current or recent petrol stations

Records within 500m	2
----------------------------	----------

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 54 >](#)

ID	Location	Company	Address	LPG	Status
C	40m E	CERTAS ENERGY	33, Brighton Road, Lennards Wharf, Shoreham-By-Sea, West Sussex, BN43 6SA	No	Non-Retail
14	370m W	ESSO	69-75, Brighton Road, Shoreham-By-Sea, West Sussex, BN43 6RT	Not Applicable	Obsolete

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	1
----------------------------	----------

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

Features are displayed on the Current industrial land use map on [page 54 >](#)

ID	Location	Description	Site name	Category	Year identified
5	165m SE	Former tar distillery. Groundwater issues previously under investigation by the Environment Agency.	Former Tar Distillery, Harbour Way	Potentially Contaminated Land	2010



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 54 >](#)

ID	Location	Company	Address	Operational status	Tier
B	3m E	Calor Gas Ltd	Calor Gas Ltd, Lennards Wharf, Brighton Road, Shoreham, BN43 6RN	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

5

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 54 >](#)

ID	Location	Details	
B	182m E	Application reference number: SU/166/98/TP/17671 Application status: Historical Consent Application date: 12/10/1998 Address: Calor Gas Ltd, Lennards Wharf, Brighton Road, Shoreham By Sea, West Sussex, BN43 6RN	Details: Storage Of 50 Tonnes Of Liquefied Petroleum Gas. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Details	
B	182m E	Application reference number: SU/166/98/TP/17671 Application status: Approved Application date: 12/01/1998 Address: Jefferson Holdings Limited, Lennards Wharf, Brighton Rd, Shoreham By Sea, West Sussex, England, BN43 6SA	Details: Storage Of Lpg Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
L	248m E	Application reference number: SU/25/01/TP/18970 Application status: Withdrawn Application date: 31/01/2001 Address: Lennards Wharf, Brighton Road, Shoreham- By-Sea, West Sussex, BN43 6RN	Details: Continued Storage Of 50 Tonnes Of Liquified Petroleum Gas (Renewal Of Hazardous Substances Consent Su/166/98) Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
L	248m E	Application reference number: SU/25/01/TP/18970 Application status: Withdrawn Application date: 31/01/2001 Address: Lennards Wharf, Brighton Road, Shoreham- By-Sea, West Sussex, BN43 6RN	Details: Continued Storage Of 50 Tonnes Of Liquified Petroleum Gas (Renewal Of Hazardous Substances Consent Su/166/98) Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
O	403m E	Application reference number: No details. Application status: Withdrawn Application date: 10/11/1992 Address: GB Barnes Ltd., Lennards Wharf, Brighton Road, Shoreham-by-sea, West Sussex, BN43 6RN	Details: Wholesale Gas Cylinder Storage 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

8

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 54](#) >

ID	Location	Address	Details	
1	On site	Aggregate Industries, Brighton Road, Shoreham- by-Sea, BN43 6SA	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
J	211m W	Minelco Specialities Ltd, Brighton Road, Shoreham- by-sea	Process: Other Mineral Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
N	363m W	Fordamin Co Ltd, Free Wharf, Brighton Rd, BN43 6RE	Process: Quarry Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
N	363m W	Frosts Cars Ltd, Brighton Rd, BN43 6RT	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
P	455m E	Boc Edwards, Dolphin Rd	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
O	458m E	Edwards High Vacuum, International Malthouse Trad Est, Brighton Rd	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
Q	463m W	Frosts Cars Ltd, Brighton Rd, BN43 6RT	Process: Waste Oil Burner 0.4 MW Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
Q	463m W	Montgomery Motors, Brighton Rd, BN43 6RE	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

0

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

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

4.14 Licensed Discharges to controlled waters

Records within 500m

17

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 54 >](#)

ID	Location	Address	Details	
2	26m E	KINGSTON WHARF, KINGSTON WHARF, LOWER BRIGHTON ROAD, SOUTHWICK, EAST SUSSEX	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: S02043 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 12/11/1971 Effective Date: 12/11/1971 Revocation Date: 19/03/1996
D	72m W	FREE WHARF, FREE WHARF, BRIGHTON ROAD, SHOREHAM BY SEA, WEST SUSSEX, BN43 6RE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: P01301 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: SURRENDERED UNDER EPR 2010 Issue date: 27/10/1987 Effective Date: 27/10/1987 Revocation Date: 01/12/2015
B	76m E	LENNARDS WHARF, LENNARDS WHARF, LOWER BRIGHTON ROAD, SHOREHAM SUSSEX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: S02134 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 28/12/1972 Effective Date: 28/12/1972 Revocation Date: 11/11/1996
B	80m E	WHARF HOUSE, WHARF HOUSE, NEW WHARF, LOWER BRIGHTON ROAD, SHOREHAM BY SEA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: N02747 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 13/03/1978 Effective Date: 13/03/1978 Revocation Date: -
D	92m W	FREE WHARF, FREE WHARF, BRIGHTON ROAD, SHOREHAM BY SEA, WEST SUSSEX, BN43 6RE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: P01301 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: SURRENDERED UNDER EPR 2010 Issue date: 27/10/1987 Effective Date: 27/10/1987 Revocation Date: 01/12/2015



ID	Location	Address	Details	
B	102m E	CPL PETROLEUM, WHARF HOUSE, LENNARDS WHARF, BRIGHTON ROAD, SHOREHAM-BY-SEA, WEST SUSSEX, BN43 6RN	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: S01723 Permit Version: 2 Receiving Water: RIVER ADUR	Status: SURRENDERED UNDER EPR 2010 Issue date: 23/03/2012 Effective Date: 23/03/2012 Revocation Date: 26/06/2017
B	102m E	CPL PETROLEUM, WHARF HOUSE, LENNARDS WHARF, BRIGHTON ROAD, SHOREHAM-BY-SEA, WEST SUSSEX, BN43 6RN	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: S01723 Permit Version: 2 Receiving Water: RIVER ADUR	Status: SURRENDERED UNDER EPR 2010 Issue date: 23/03/2012 Effective Date: 23/03/2012 Revocation Date: 26/06/2017
B	106m E	OIL TERMINAL, LENNARDS WHARF, OIL TERMINAL, LENNARDS WHARF, BRIGHTON ROAD, SHOREHAM-BY-SEA, WEST SUSSEX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: S01723 Permit Version: 1 Receiving Water: CONTROLLED SEA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 13/07/1968 Effective Date: 13/07/1968 Revocation Date: 22/03/2012
H	152m W	FREE WHARF, FREE WHARF, BRIGHTON ROAD, SHOREHAM BY SEA, WEST SUSSEX, BN43 6RE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: P01301 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: SURRENDERED UNDER EPR 2010 Issue date: 27/10/1987 Effective Date: 27/10/1987 Revocation Date: 01/12/2015
H	182m W	FREE WHARF, FREE WHARF, BRIGHTON ROAD, SHOREHAM BY SEA, WEST SUSSEX, BN43 6RE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: P01301 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: SURRENDERED UNDER EPR 2010 Issue date: 27/10/1987 Effective Date: 27/10/1987 Revocation Date: 01/12/2015
8	205m SE	HARBOUR WAY OFFICE, HARBOUR WAY OFFICE, SHOREHAM BY SEA, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01041 Permit Version: 1 Receiving Water: CONTROLLED SEA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 02/09/1964 Effective Date: 02/09/1964 Revocation Date: 03/03/1994
M	252m W	FREE WHARF, FREE WHARF, BRIGHTON ROAD, SHOREHAM BY SEA, WEST SUSSEX, BN43 6RE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: P01301 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: SURRENDERED UNDER EPR 2010 Issue date: 27/10/1987 Effective Date: 27/10/1987 Revocation Date: 01/12/2015
M	262m W	BRIGHTON ROAD, BRIGHTON ROAD, SHOREHAM BY SEA, SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01401 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/09/1965 Effective Date: 03/09/1965 Revocation Date: 01/07/1991



ID	Location	Address	Details	
M	295m W	FREE WHARF EFFLUENT TREATMENT SYS, FREE WHARF DEVELOPMENT, FREE WHARF 1, BRIGHTON ROAD, SHOREHAM-BY-SEA, SUSSEX, BN43 6RE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: EPRMB3791WC Permit Version: 1 Receiving Water: RIVER ADUR	Status: NEW ISSUED UNDER EPR 2010 Issue date: 03/04/2020 Effective Date: 03/04/2020 Revocation Date: -
13	350m E	SUSSEX WHARF, SUSSEX WHARF, SHOREHAM-BY-SEA, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01043 Permit Version: 1 Receiving Water: CONTROLLED SEA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 31/08/1964 Effective Date: 31/08/1964 Revocation Date: 01/07/1991
O	427m E	KINGSTON RAILWAY WHARF, KINGSTON RAILWAY WHARF, BRIGHTON ROAD, SHOREHAM-BY-SEA, WEST SUSSEX, BN43 6RN	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S02099 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 31/07/1972 Effective Date: 31/07/1972 Revocation Date: 31/03/1997
15	439m E	SUSSEX WHARF, SUSSEX WHARF, SHOREHAM-BY-SEA, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01043 Permit Version: 1 Receiving Water: CONTROLLED SEA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 31/08/1964 Effective Date: 31/08/1964 Revocation Date: 01/07/1991

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 54 >](#)

ID	Location	Details	
F	150m SW	Incident Date: 01/08/2002 Incident Identification: 96501 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
F	150m SW	Incident Date: 01/08/2002 Incident Identification: 96501 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
10	243m SW	Incident Date: 13/02/2003 Incident Identification: 136889 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
J	266m W	Incident Date: 03/07/2002 Incident Identification: 89084 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Location	Details	
P	424m E	Incident Date: 18/07/2002 Incident Identification: 92666 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Fumes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
16	444m SW	Incident Date: 22/08/2002 Incident Identification: 102386 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
O	468m E	Incident Date: 14/08/2002 Incident Identification: 100108 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) 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

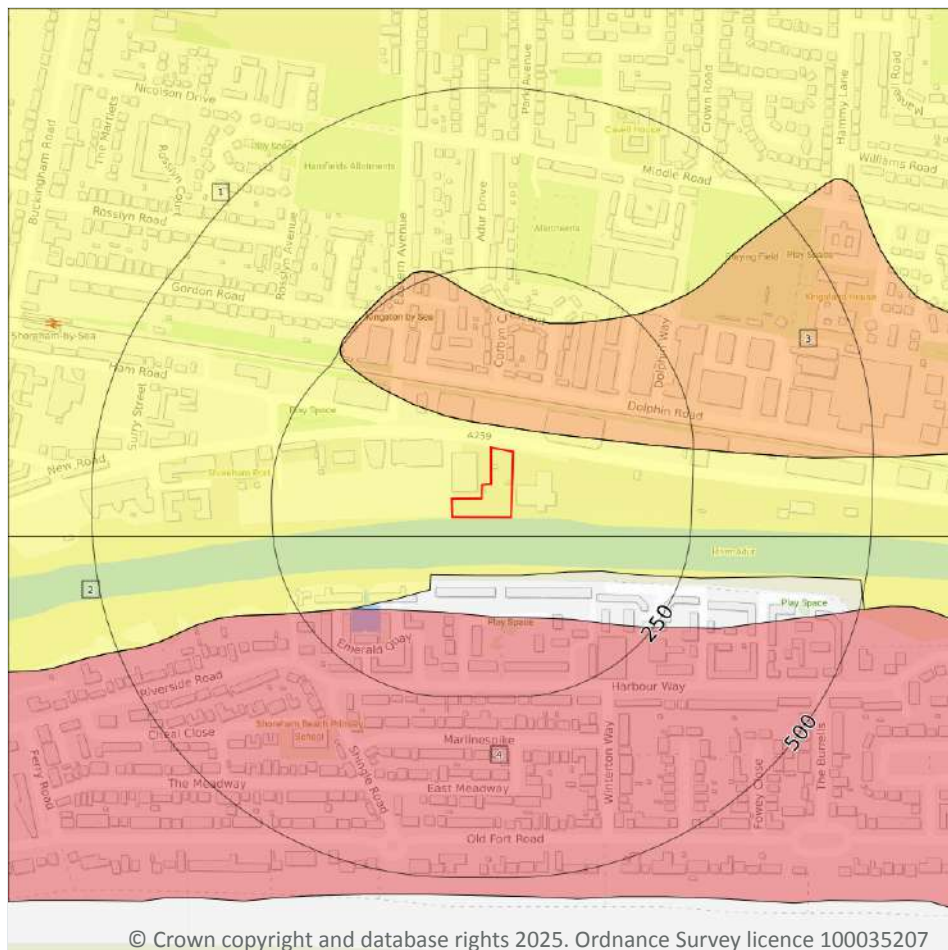
The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.



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



5 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

4

Aquifer status of groundwater held within superficial geology.

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

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	27m S	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

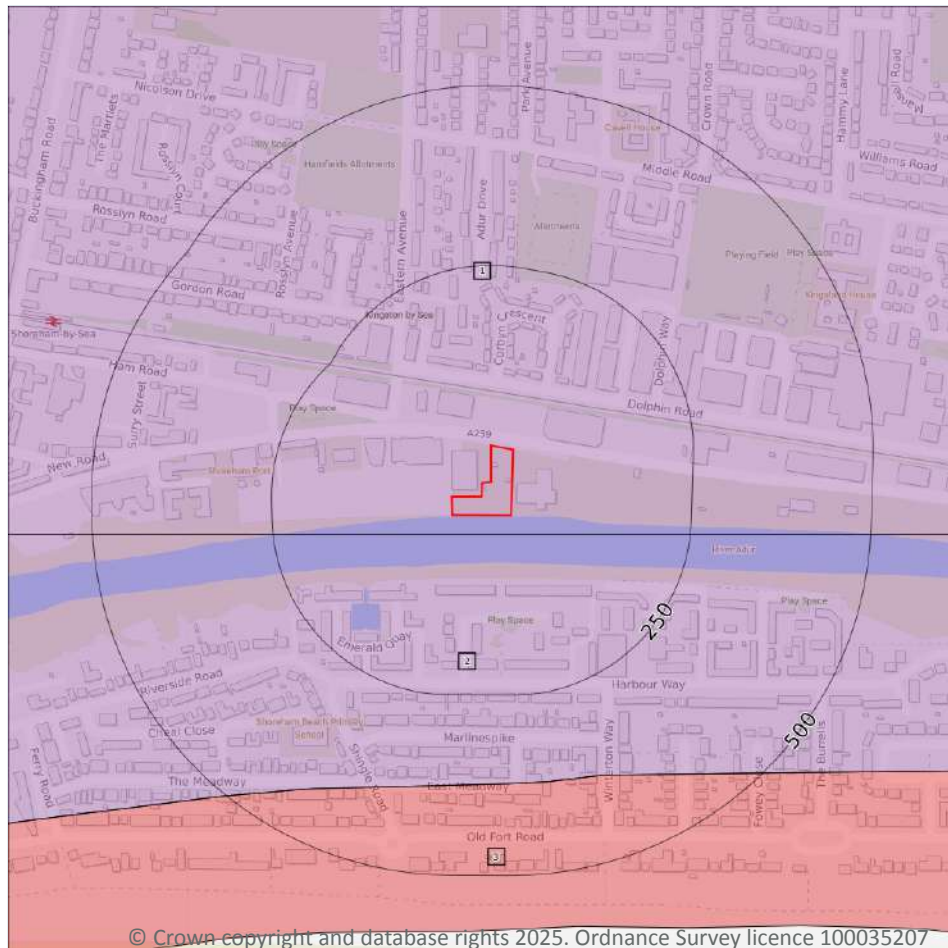


ID	Location	Designation	Description
3	31m N	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
4	133m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

3

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 69](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	27m S	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers



ID	Location	Designation	Description
3	372m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
3	27m S	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: >10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
5	31m N	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low 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. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	12.0%
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This data is sourced from the British Geological Survey and the Environment Agency.



5.5 Groundwater vulnerability- local information

Records on site

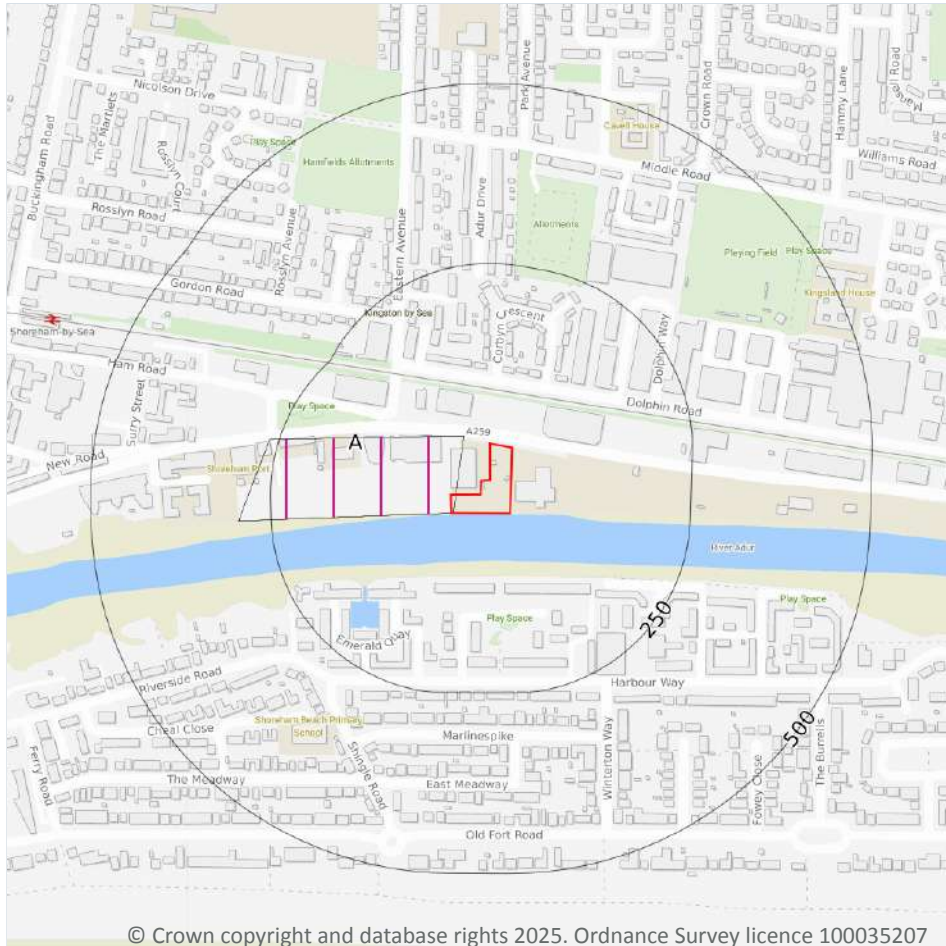
0

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



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

5.6 Groundwater abstractions

Records within 2000m

5

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 74 >](#)



ID	Location	Details	
A	On site	Status: Historical Licence No: SO/041/0022/015 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Southern Region Groundwater Point: UNDERGROUND STRATA AT FREE WHARF SHOREHAM-BY-SEA Data Type: Poly4 Name: Wates Construction Limited Easting: 522110 Northing: 105129	Annual Volume (m ³): 3153600 Max Daily Volume (m ³): 8640 Original Application No: - Original Start Date: 21/02/2020 Expiry Date: 31/03/2021 Issue No: 1 Version Start Date: 21/02/2020 Version End Date: -
A	On site	Status: Historical Licence No: SO/041/0022/015 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Southern Region Groundwater Point: UNDERGROUND STRATA AT FREE WHARF SHOREHAM-BY-SEA Data Type: Poly4 Name: Wates Construction Limited Easting: 522110 Northing: 105129	Annual Volume (m ³): 3153600 Max Daily Volume (m ³): 8640 Original Application No: - Original Start Date: 21/02/2020 Expiry Date: 31/03/2021 Issue No: 1 Version Start Date: 21/02/2020 Version End Date: -
A	On site	Status: Historical Licence No: SO/041/0022/015L Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Southern Region Groundwater Point: UNDERGROUND STRATA AT FREE WHARF SHOREHAM-BY-SEA Data Type: Poly4 Name: Wates Construction Limited Easting: 522110 Northing: 105129	Annual Volume (m ³): 3153600 Max Daily Volume (m ³): 8640 Original Application No: - Original Start Date: 01/04/2021 Expiry Date: - Issue No: 1 Version Start Date: 01/04/2021 Version End Date: -
A	On site	Status: Historical Licence No: SO/041/0022/015/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Southern Region Groundwater Point: UNDERGROUND STRATA AT FREE WHARF SHOREHAM-BY-SEA Data Type: Poly4 Name: Southern Home Ownership Limited Easting: 522110 Northing: 105129	Annual Volume (m ³): 3153600 Max Daily Volume (m ³): 8640 Original Application No: NPS/WR/035305 Original Start Date: 09/06/2021 Expiry Date: 31/03/2023 Issue No: 2 Version Start Date: 11/06/2021 Version End Date: -



ID	Location	Details	
-	1964m W	Status: Historical Licence No: SO/041/0022/019 Details: Dewatering Direct Source: Southern Region Groundwater Point: PUMP STATION COFFERDAM AREA AT NEW MONKS FARM Data Type: Poly4 Name: J.T.Mackley & Co.Limited Easting: 520508 Northing: 105801	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/033395 Original Start Date: 12/06/2020 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 12/06/2020 Version End Date: -

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

5.7 Surface water abstractions

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

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.

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

5.8 Potable abstractions

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

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

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

5.9 Source Protection Zones

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

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

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

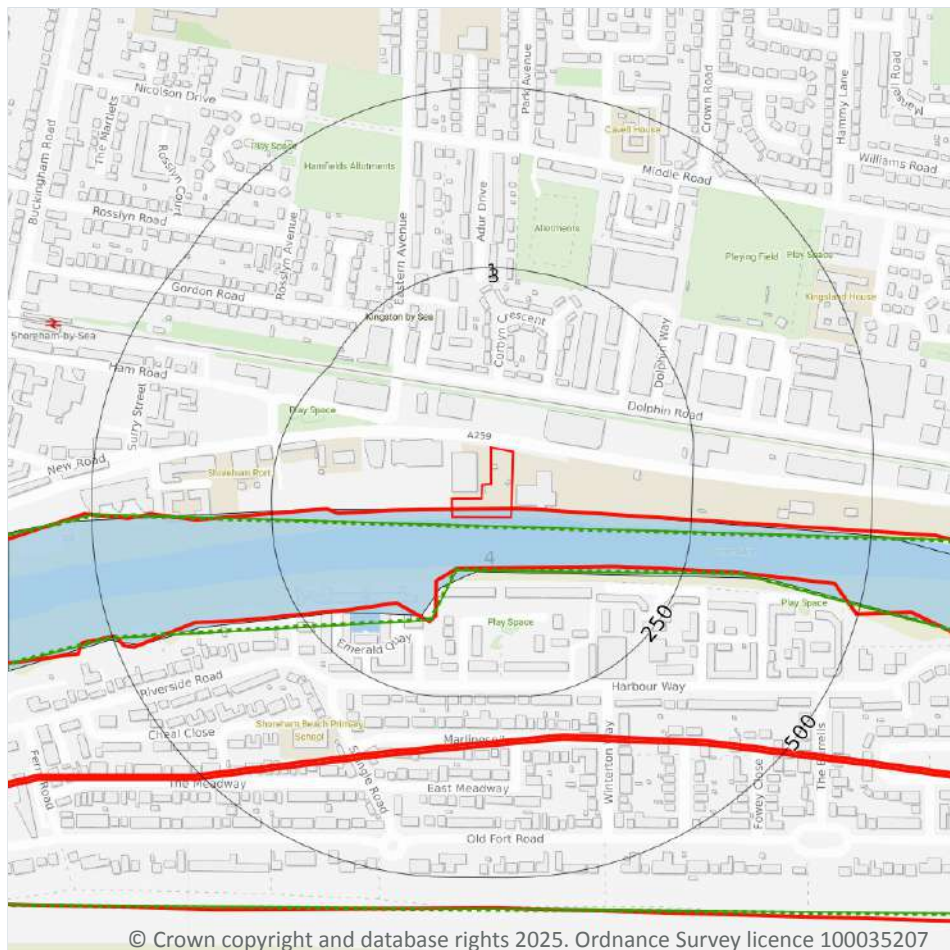
0

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

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



6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

1

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 78 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
4	45m S	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Adur

This data is sourced from the Ordnance Survey.



6.2 Surface water features

Records within 250m

1

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 78 >](#)

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 78 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	Coastal Catchment	Not part of a river WB catchment	196	Upper Adur	Adur and Ouse

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 78 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	On site	Transi	ADUR	GB540704116000 ↗	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.

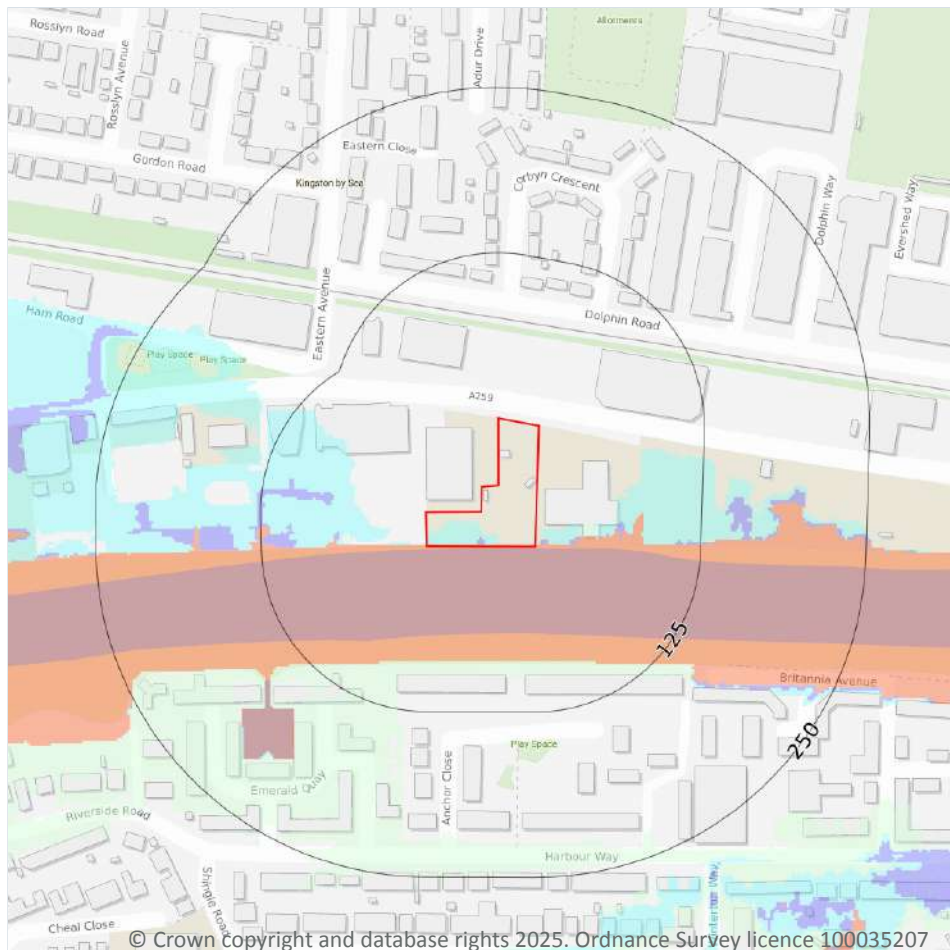
Features are displayed on the Hydrology map on [page 78 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
3	On site	Brighton Chalk Block	GB40701G502500 ↗	Poor	Poor	Poor	2019

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



7 River and coastal flooding



— Site Outline
Search buffers in metres (m)

River and coastal flooding:

- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m

6

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 81](#) >



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 81](#) >

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 81](#) >

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



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

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

1 in 250 return period

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

1 in 100 return period

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

1 in 30 return period

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

8.1 Surface water flooding

Highest risk on site

1 in 250 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on [page 85](#) >

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

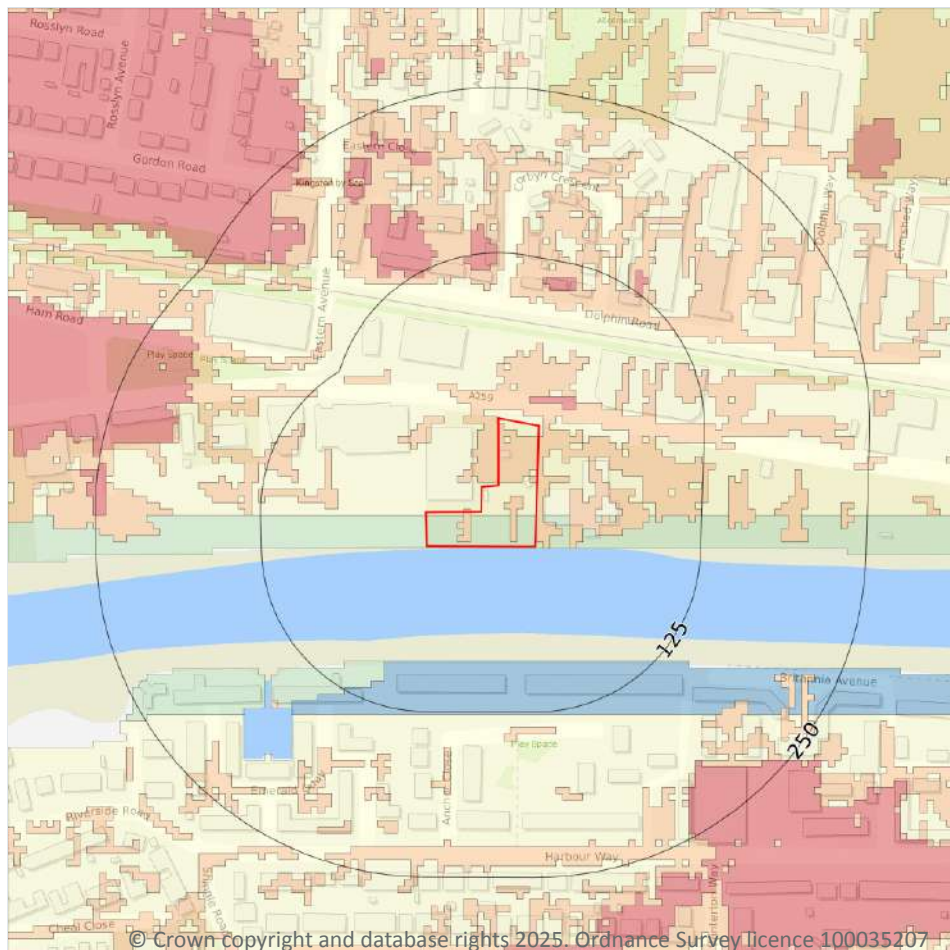
The table below shows the maximum flood depths for a range of return periods for the site.

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

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

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

9.1 Groundwater flooding

Highest risk on site

Moderate-High

Highest risk within 50m

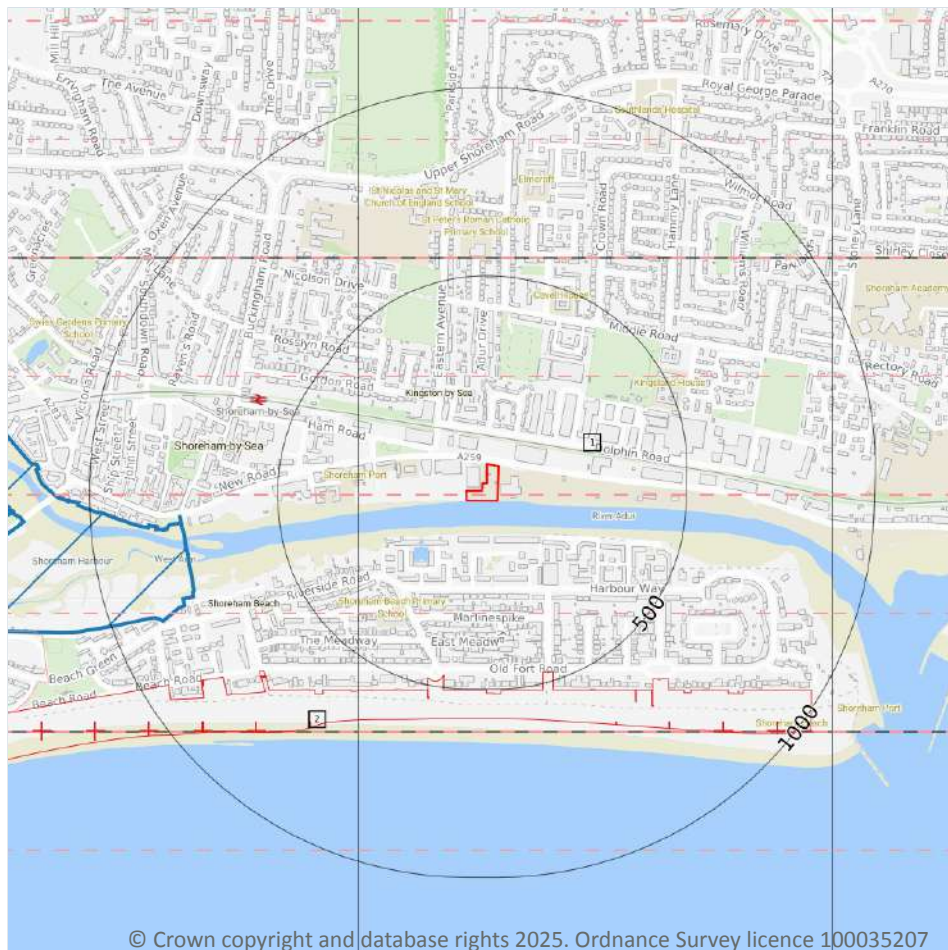
High

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 87](#) >

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



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

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 88](#) >

ID	Location	Name	Data source
3	754m W	Adur Estuary 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

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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



10.6 Local Nature Reserves (LNR)

Records within 2000m

2

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

Features are displayed on the Environmental designations map on [page 88](#) >

ID	Location	Name	Data source
2	468m S	Shoreham Beach	Natural England
-	1988m W	Widewater Lagoon	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

1

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.

Features are displayed on the Environmental designations map on [page 88](#) >

ID	Location	Name	Status
1	On site	Brighton and Lewes Downs	Declared

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**4**

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	Sussex Chalk	Groundwater	56	Existing
858m N	Sussex Chalk	Groundwater	56	Existing
1645m E	Sussex Chalk	Groundwater	56	Existing
1858m NE	Sussex Chalk	Groundwater	56	Existing

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



SSSI Impact Zones and Units



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

10.17 SSSI Impact Risk Zones

Records on site

0

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.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

7

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 93](#) >

ID: A
 Location: 754m W
 SSSI name: Adur Estuary
 Unit name: 3
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	15/02/2021
Littoral sediment	Favourable	23/10/2008

ID: A
 Location: 755m W
 SSSI name: Adur Estuary
 Unit name: Adur Mudflats
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	15/02/2021
Littoral sediment	Not Recorded	01/01/1900

ID: 1
 Location: 755m W
 SSSI name: Adur Estuary
 Unit name: Adur Mudflats
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	15/02/2021
Littoral sediment	Not Recorded	01/01/1900

ID: 2
 Location: 1014m W
 SSSI name: Adur Estuary
 Unit name: 1
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	15/02/2021
SM4-28 - Saltmarsh	Unfavourable - Declining	15/02/2021

ID: -
 Location: 1521m W
 SSSI name: Adur Estuary
 Unit name: 1
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	15/02/2021
SM4-28 - Saltmarsh	Unfavourable - Declining	15/02/2021

ID: -
 Location: 1949m NW
 SSSI name: Adur Estuary
 Unit name: Adur Mudflats
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	15/02/2021



Feature name	Feature condition	Date of assessment
Littoral sediment	Not Recorded	01/01/1900

ID: -
Location: 1976m NW
SSSI name: Adur Estuary
Unit name: Adur Mudflats
Broad habitat: Littoral Sediment
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	15/02/2021
Littoral sediment	Not Recorded	01/01/1900

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

0

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.

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

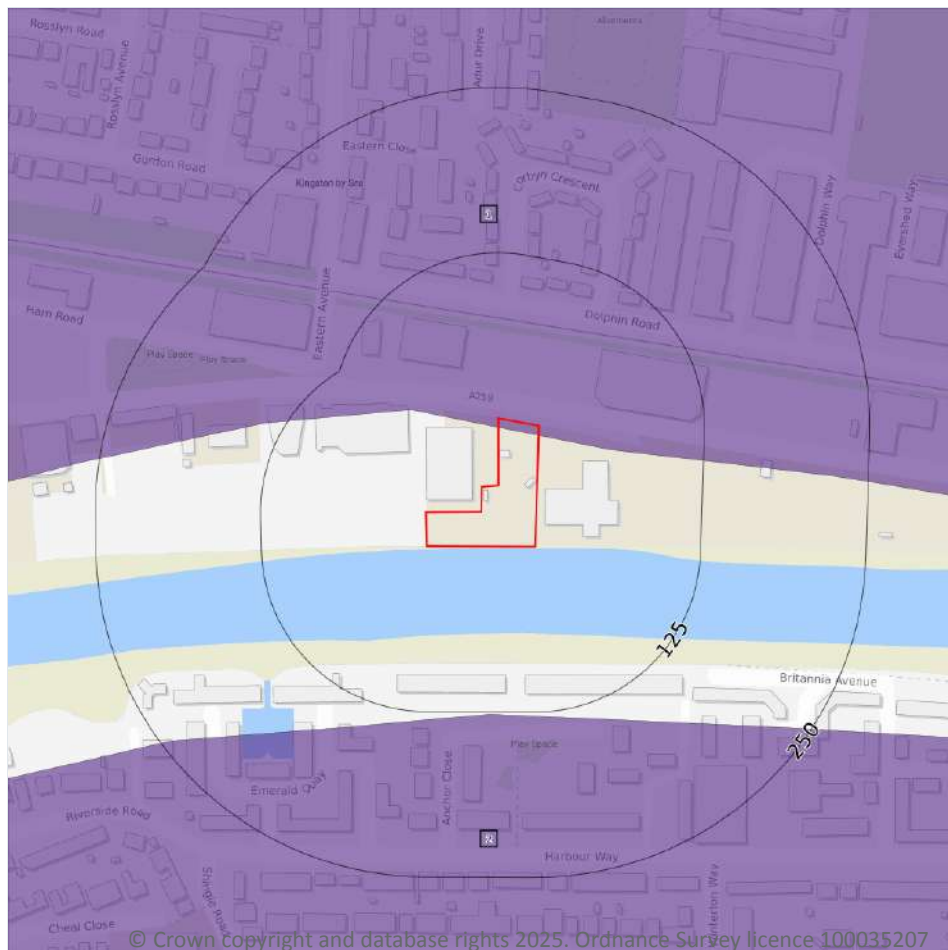
0

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

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



12 Agricultural designations



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

12.1 Agricultural Land Classification

Records within 250m

2

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

Features are displayed on the Agricultural designations map on [page 99](#) >

ID	Location	Classification	Description
1	On site	Urban	Non-agricultural/no quality assigned
2	127m S	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**0**

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m**0**

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

This data is sourced from Natural England.

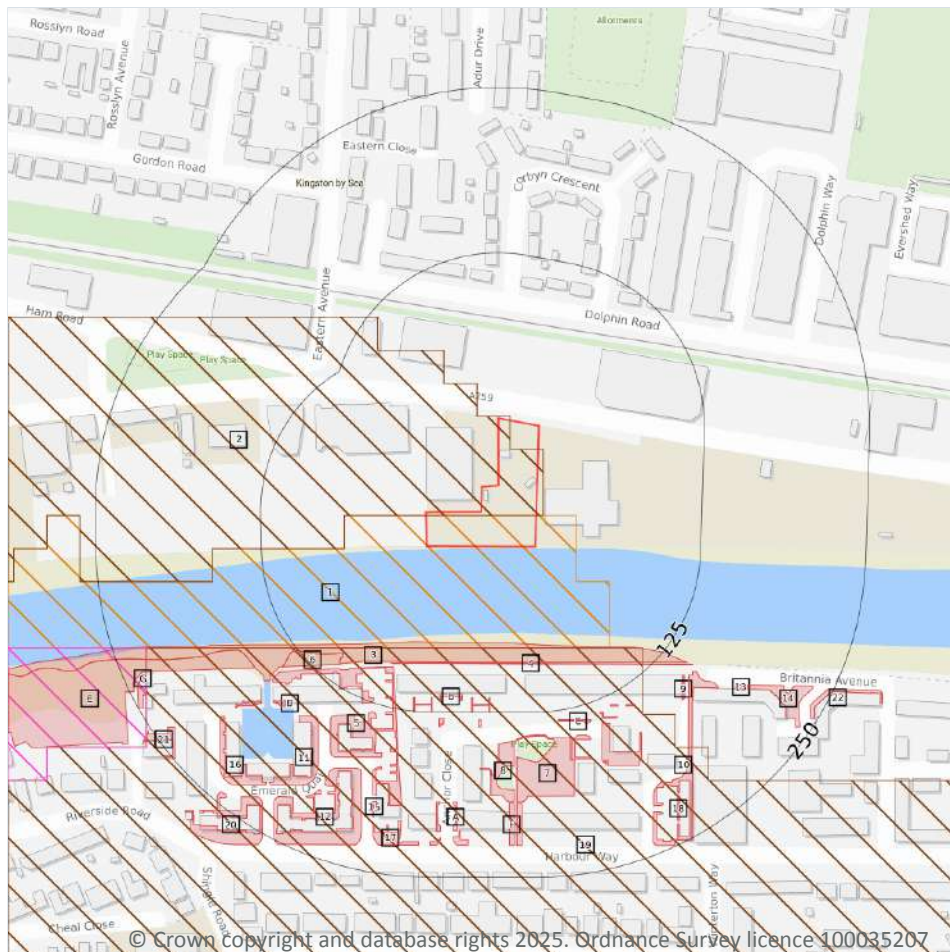
12.5 Countryside Stewardship Schemes

Records within 250m**0**

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

This data is sourced from Natural England.

13 Habitat designations



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

13.1 Priority Habitat Inventory

Records within 250m

47

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 101](#) >

ID	Location	Main Habitat	Other habitats
3	72m S	Mudflats	Main habitat: GQSIG (INV > 50%); MUDFL (INV > 50%)
4	88m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
5	95m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)



ID	Location	Main Habitat	Other habitats
6	103m SW	Mudflats	Main habitat: GQSIG (INV > 50%); MUDDL (INV > 50%)
B	112m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
B	114m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
B	115m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
B	130m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
B	131m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
C	132m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
C	132m SE	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
C	134m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
C	138m SE	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
7	142m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
C	143m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
C	146m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
8	147m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
9	148m SE	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
10	151m SE	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
11	154m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
D	155m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
D	158m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)



ID	Location	Main Habitat	Other habitats
E	159m SW	Mudflats	Main habitat: GQSIG (INV > 50%); MUDFL (INV > 50%); Additional: SALT (INV 50%)
D	163m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
C	170m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
D	171m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
12	176m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
13	185m SE	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
D	187m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
14	191m SE	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
A	193m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
A	193m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
F	194m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
F	194m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
15	197m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
16	200m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
17	208m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
A	215m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
18	217m SE	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
A	221m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)



ID	Location	Main Habitat	Other habitats
19	227m S	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
20	228m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
G	233m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
21	235m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
22	240m SE	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
G	240m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
G	240m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

4

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 101](#) >

ID	Location	Type	Habitat
1	On site	Network Enhancement Zone 1	Not specified
2	On site	Network Enhancement Zone 2	Not specified
A	77m S	Network Enhancement Zone 2	Not specified
E	226m W	Associated Habitats	Other associated habitats

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.

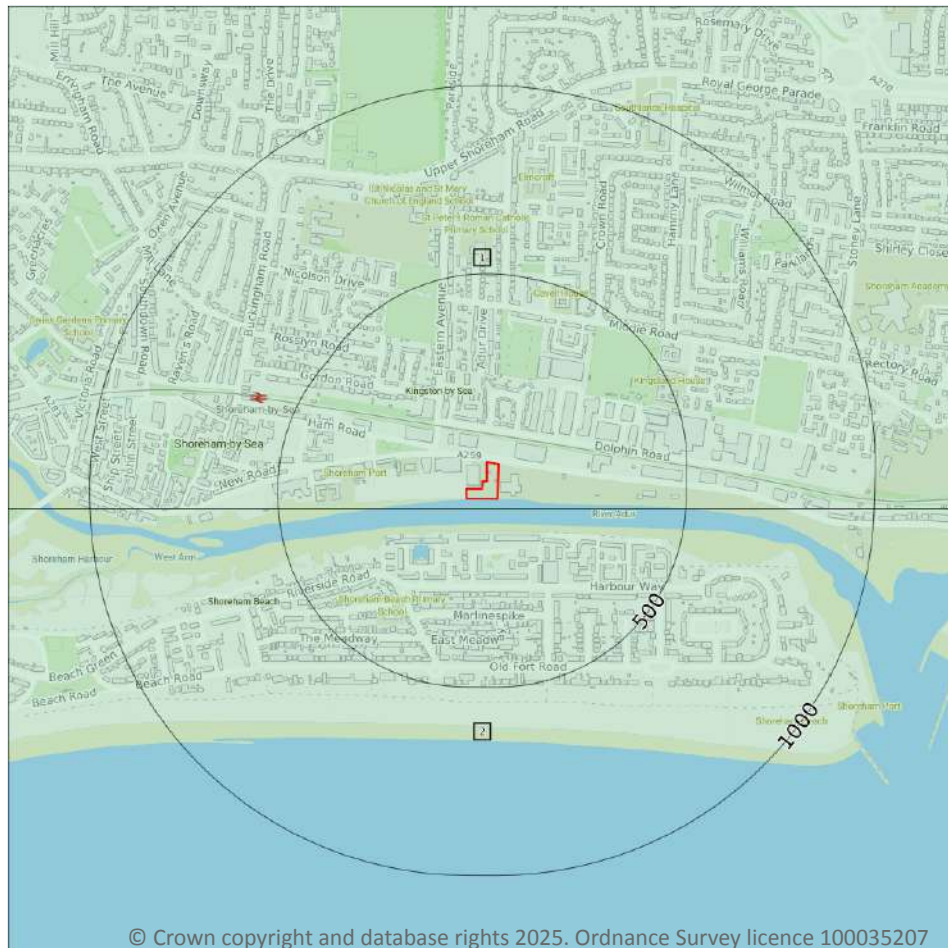
13.4 Limestone Pavement Orders

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

2

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

Features are displayed on the Geology 1:10,000 scale - Availability map on [page 106](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	TQ20NW
2	27m S	Full	Full	Full	No coverage	TQ20SW

This data is sourced from the British Geological Survey.



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



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

14.2 Artificial and made ground (10k)

Records within 500m

2

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.

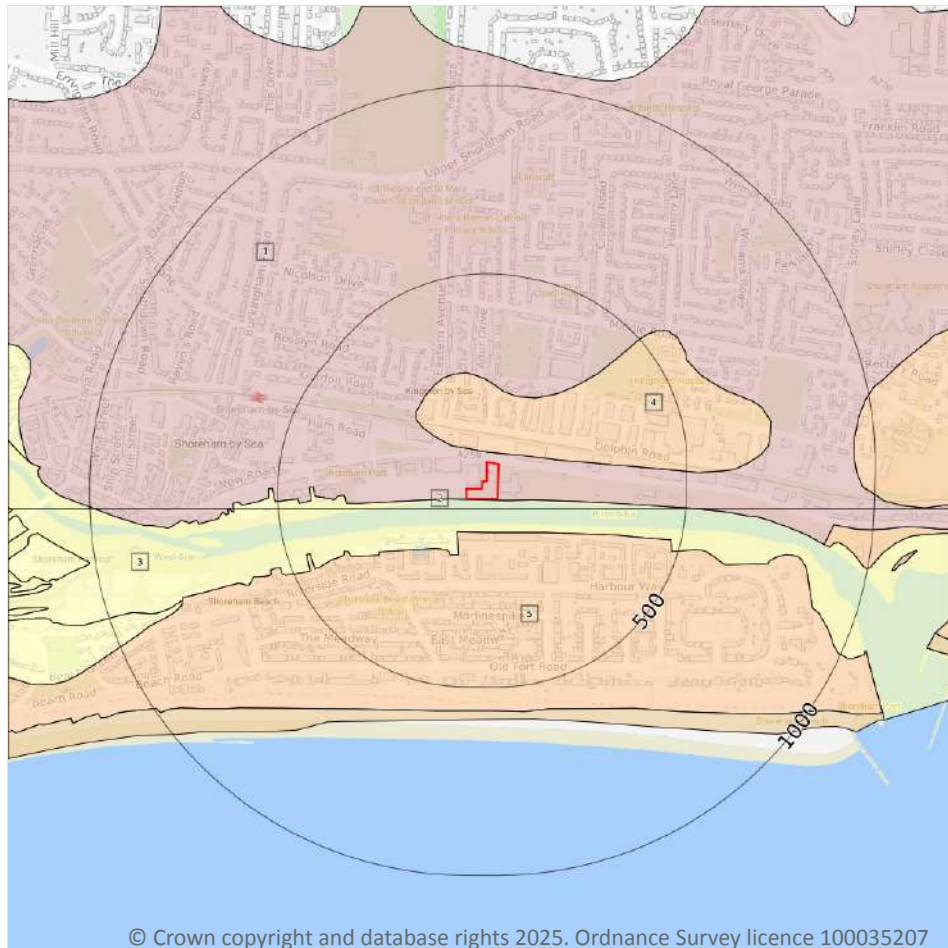
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 107 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
2	89m S	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

5

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 108](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	HEAD-XCZSV	Head-Clay, Silt, Sand And Gravel	Clay, silt, sand and gravel
2	2m S	TRD-XCZ	Tidal River Or Creek Deposits-Clay And Silt	Clay and silt
3	27m S	TRD-XCZ	Tidal River Or Creek Deposits-Clay And Silt	Clay and silt



ID	Location	LEX Code	Description	Rock description
4	27m N	RTDU-XSZC	River Terrace Deposits (Undifferentiated)-Sand, Silt And Clay	Sand, silt and clay
5	89m S	STOB-V	Storm Beach Deposits-Gravel	Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

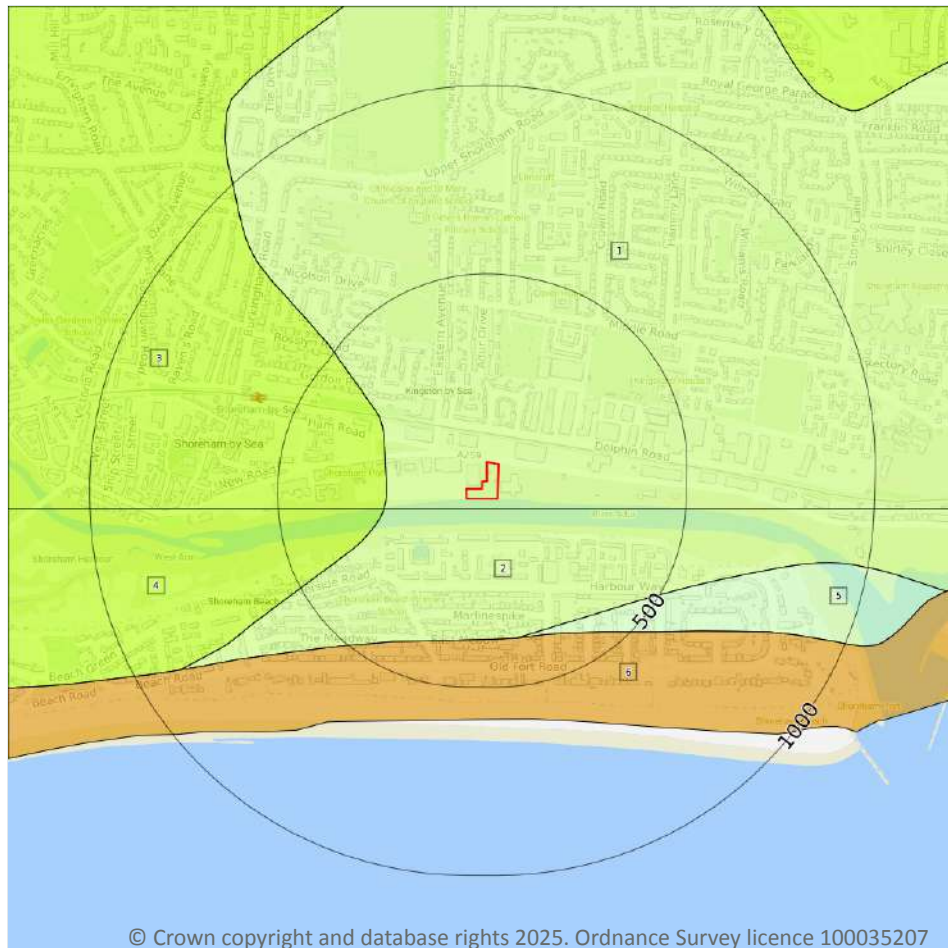
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

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

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

14.5 Bedrock geology (10k)

Records within 500m

6

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 110](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	TACH-CHLK	Tarrant Chalk Member-Chalk	Campanian
2	27m S	TACH-CHLK	Tarrant Chalk Member-Chalk	Campanian
3	211m W	NCK-CHLK	Newhaven Chalk Formation-Chalk	Santonian
4	221m W	NCK-CHLK	Newhaven Chalk Formation-Chalk	Santonian



ID	Location	LEX Code	Description	Rock age
5	369m S	SPCH-CHLK	Spetisbury Chalk Member-Chalk	Campanian
6	372m S	WRB-C	Woolwich And Reading Beds Formation-Clay	Not Defined

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

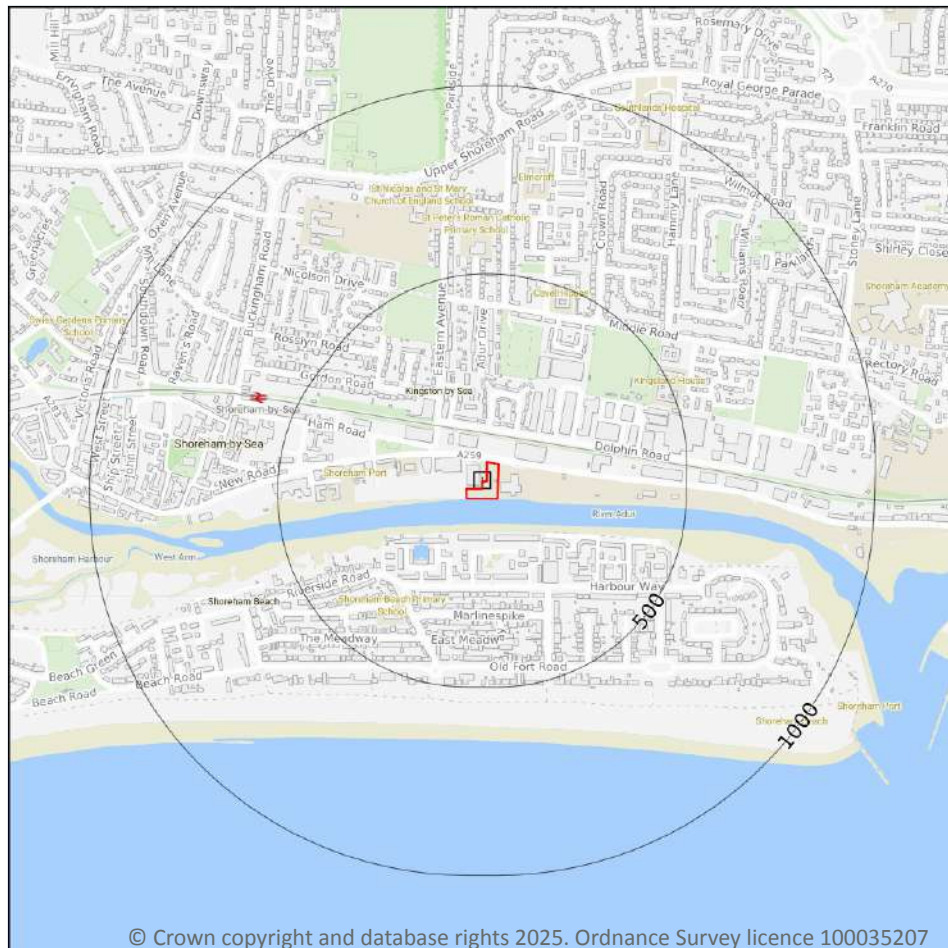
0

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 112](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW318_333_brighton_and_worthing_v4

This data is sourced from the British Geological Survey.



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



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

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15.2 Artificial and made ground (50k)

Records within 500m

2

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 113](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground	Artificial deposit
2	80m S	MGR-ARTDP	Made Ground	Artificial deposit

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

1

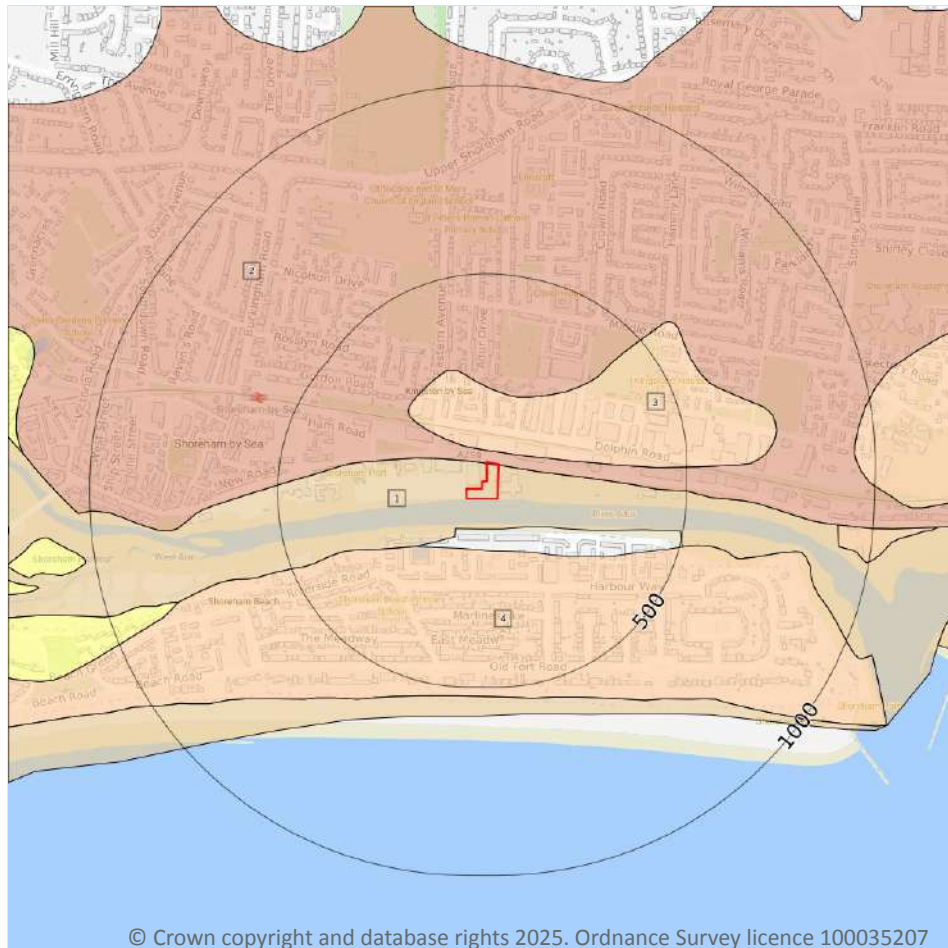
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



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

15.4 Superficial geology (50k)

Records within 500m

4

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 115](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	BTFU-XCZSV	Beach and Tidal Flat Deposits (Undifferentiated)	Clay, silt, sand and gravel
2	On site	HEAD-XCZSV	Head	Clay, silt, sand and gravel
3	31m N	RTDU-XSZC	River Terrace Deposits (Undifferentiated)	Sand, silt and clay



ID	Location	LEX Code	Description	Rock description
4	133m S	STOB-V	Storm beach deposits	Gravel

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	4
---------------------------	----------

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Very Low
On site	Intergranular	High	Very Low
27m S	Intergranular	High	Very Low
31m N	Intergranular	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

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

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

This data is sourced from the British Geological Survey.

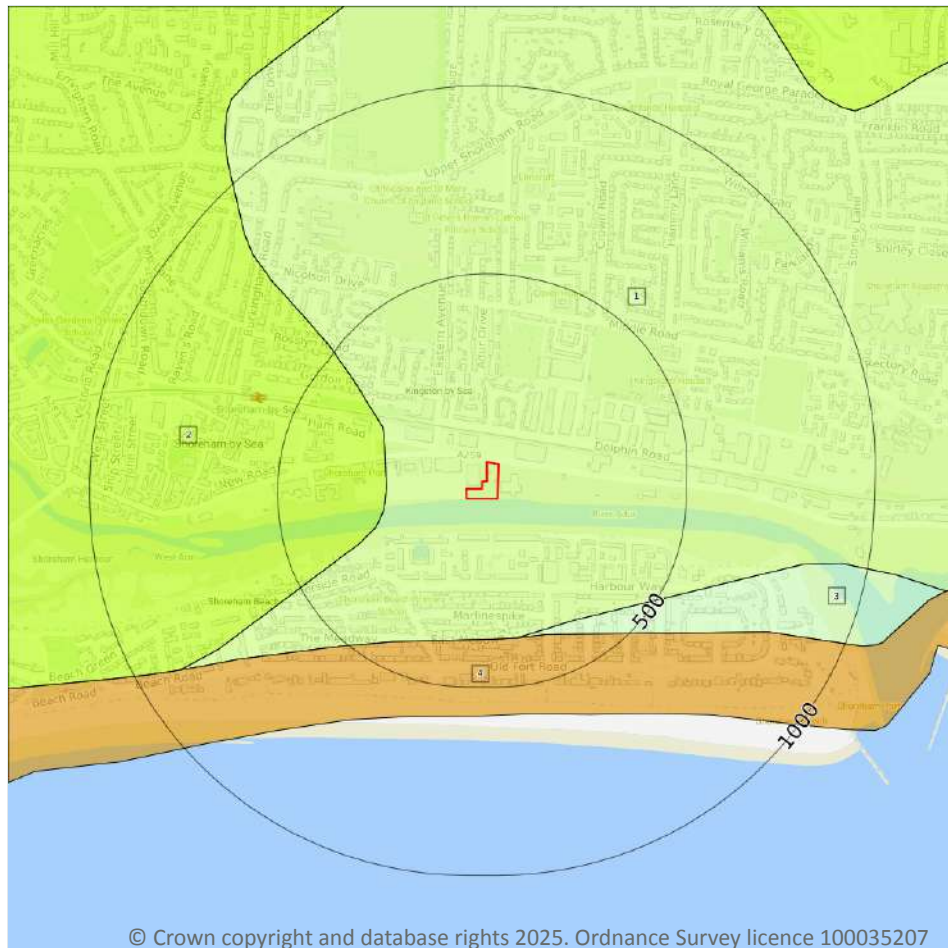
15.7 Landslip permeability (50k)

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

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

4

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 117 >](#)

ID	Location	LEX Code	Description	Rock age
1	On site	TACH-CHLK	Tarrant Chalk Member-Chalk	Campanian
2	212m W	NCK-CHLK	Newhaven Chalk Formation-Chalk	Santonian
3	368m S	SPCH-CHLK	Spetisbury Chalk Member-Chalk	Campanian
4	372m S	LMBE-XCZS	Lambeth Group-Clay, silt and sand	Thanetian

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

2

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of 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
27m S	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

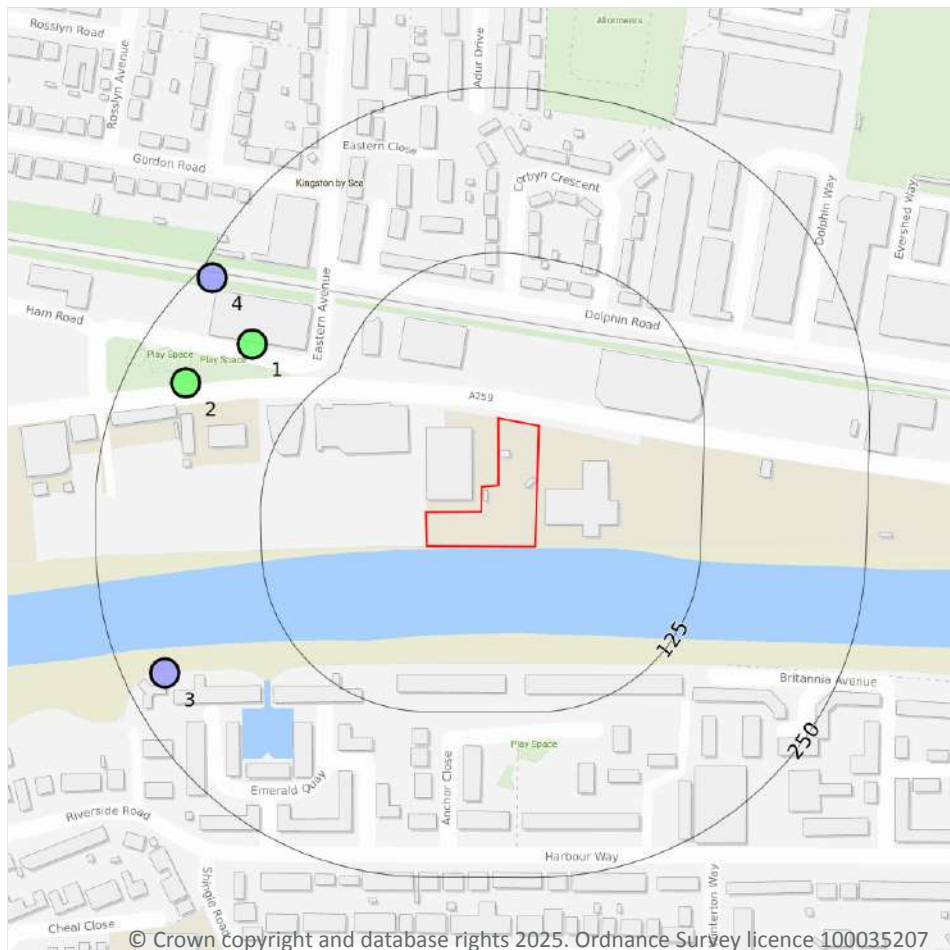
0

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



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

16.1 BGS Boreholes

Records within 250m

4

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

Features are displayed on the Boreholes map on [page 119](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	183m NW	522230 105180	SHOREHAM ROAD BRIDGE THE HAM BH10	17.0	N	583336 ↗
2	206m NW	522180 105150	SHOREHAM ROAD BRIDGE THE HAM BH9	15.62	N	583335 ↗

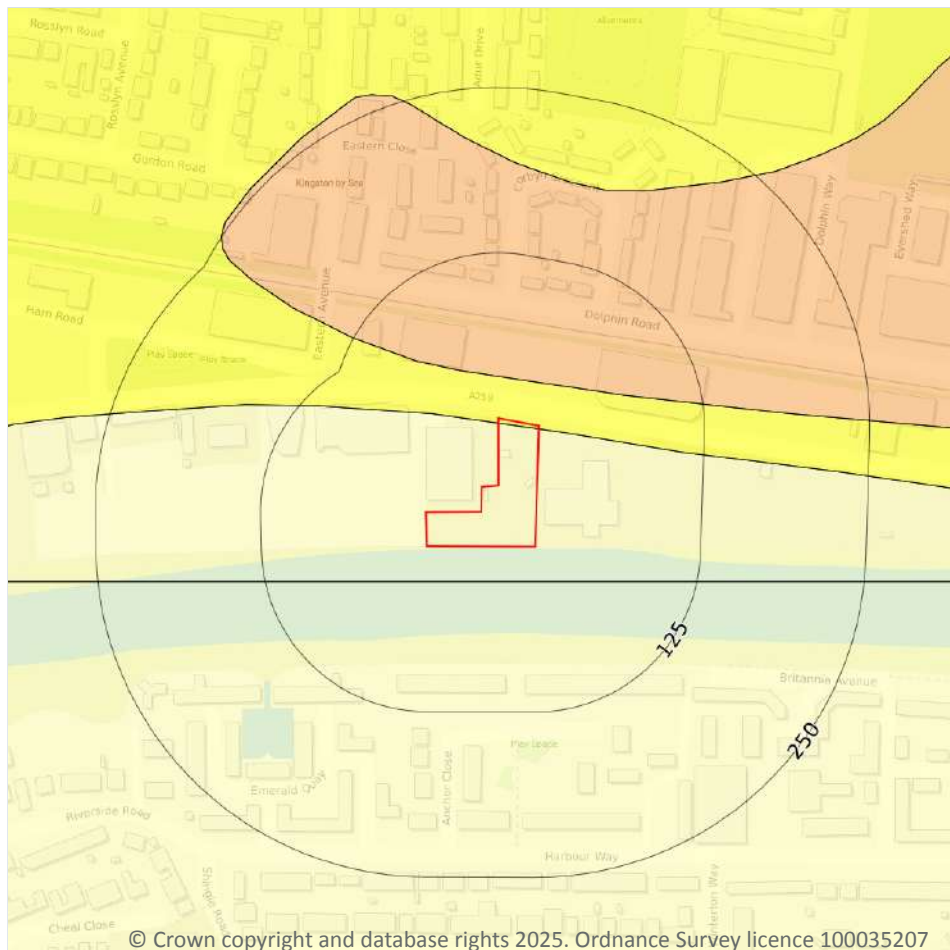


ID	Location	Grid reference	Name	Length	Confidential	Web link
3	220m SW	522164 104931	SHOREHAM ADUR TIDAL WALLS OCTOBER 2013 WB2/HDP3	1.2	N	20377586 ↗
4	240m NW	522200 105230	EASTERN AVENUE SHOREHAM	8.45	N	583440 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



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

17.1 Shrink swell clays

Records within 50m

4

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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 121](#) >

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.
27m S	Negligible	Ground conditions predominantly non-plastic.

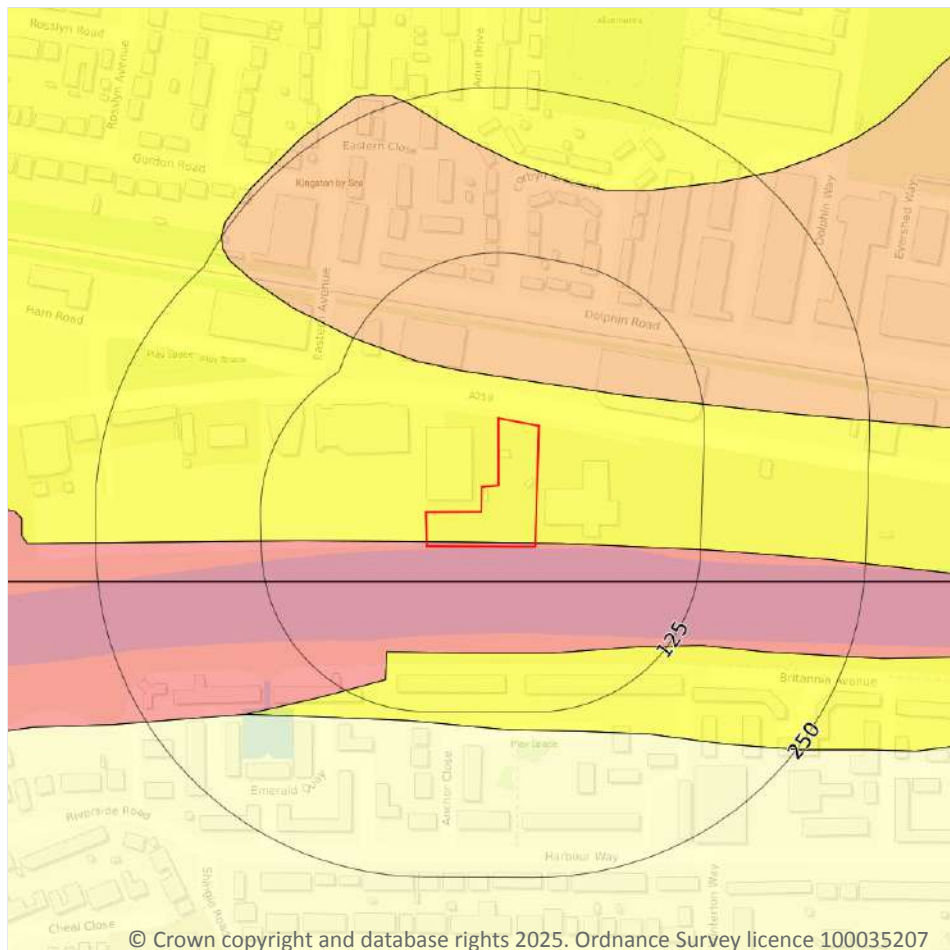


Location	Hazard rating	Details
31m N	Low	Ground conditions predominantly medium plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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

17.2 Running sands

Records within 50m

4

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 123 >](#)

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.

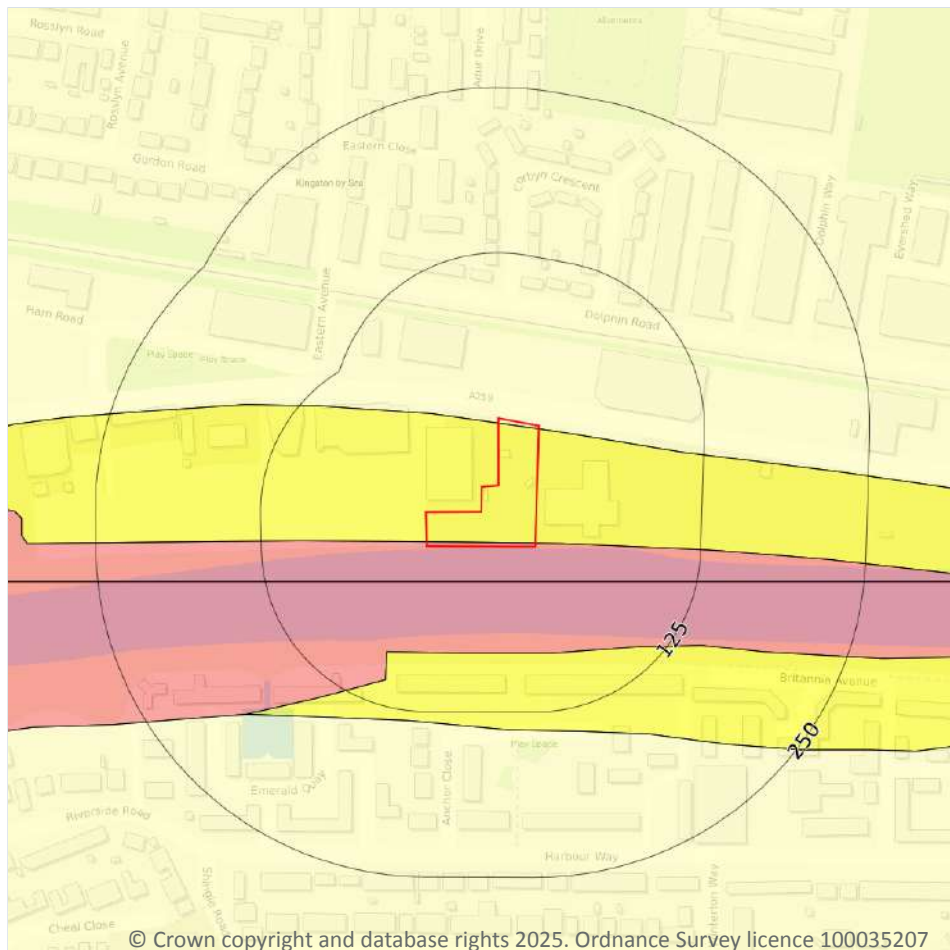


Location	Hazard rating	Details
On site	Moderate	Running sand conditions are probably present. Constraints may apply to land uses involving excavation or the addition or removal of water.
27m S	Moderate	Running sand conditions are probably present. Constraints may apply to land uses involving excavation or the addition or removal of water.
31m N	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



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

17.3 Compressible deposits

Records within 50m

4

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

Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 125 >](#)

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

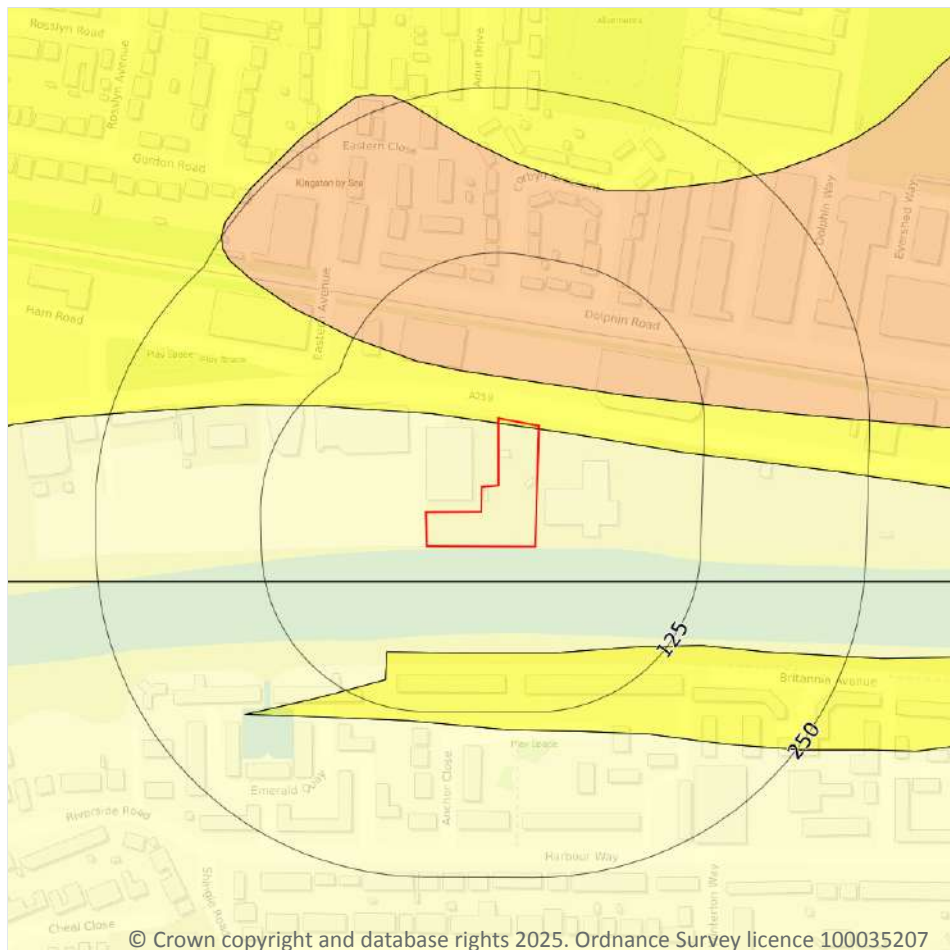


Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
27m S	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



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

17.4 Collapsible deposits

Records within 50m

4

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

Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 127 >](#)

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
27m S	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.



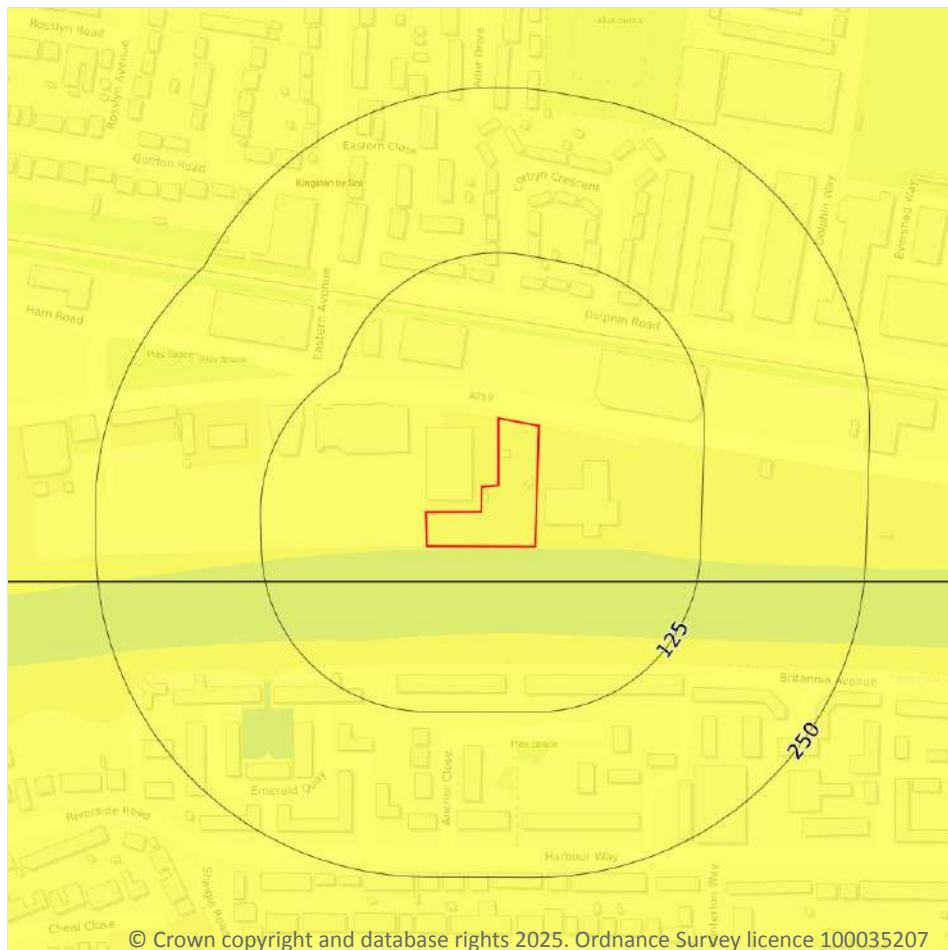
Location	Hazard rating	Details
----------	---------------	---------

31m N	Low	Deposits with potential to collapse when loaded and saturated are possibly present in places.
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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

2

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 129 >](#)

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.

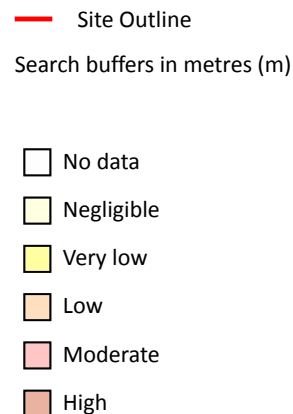
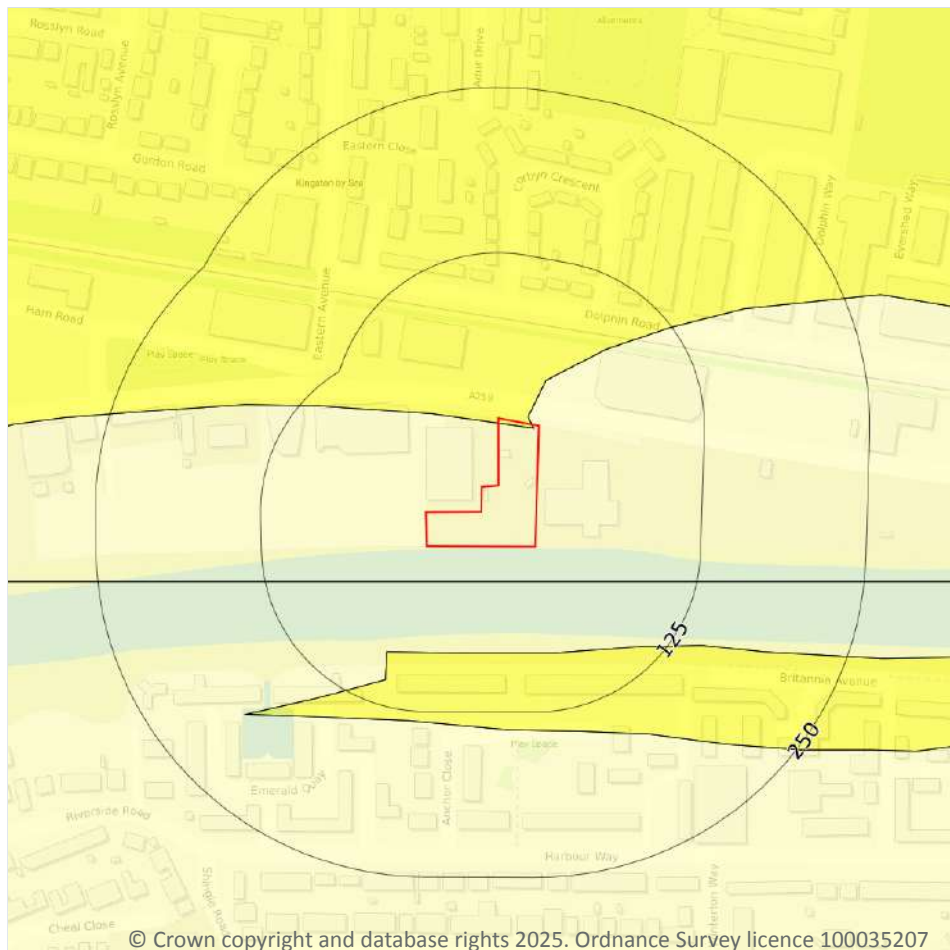


Location	Hazard rating	Details
27m S	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

3

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 131](#) >

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

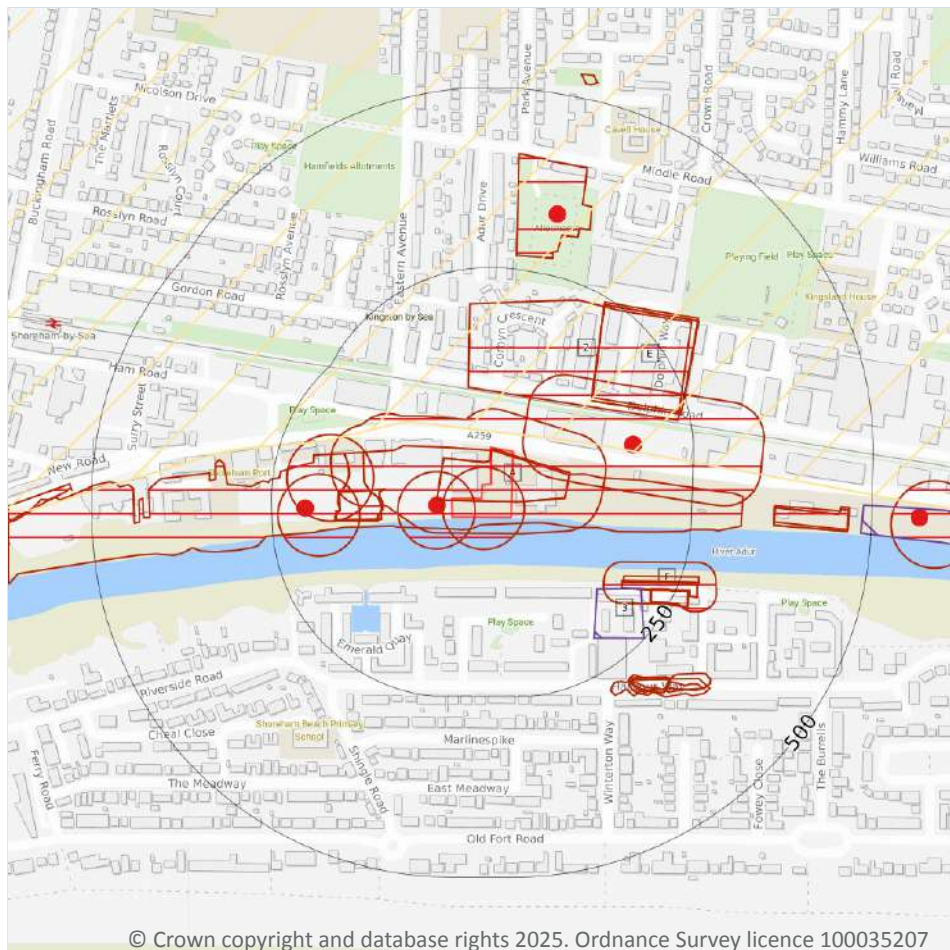


Location	Hazard rating	Details
On site	Very low	Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.
27m S	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining
- Non Coal Mining
 - Sporadic underground mining of restricted extent possible
 - Localised small scale underground mining possible
 - Small scale mining possible
 - Underground mining known or likely within or in close proximity
 - Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

4

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

Features are displayed on the Mining and ground workings map on [page 133](#) >

ID	Location	Details	Description
B	21m W	Name: Shoreham Aggregate Wharf Address: Brighton Road, SHOREHAM-BY-SEA, West Sussex, BN43 6RE Commodity: Marine Sand & Gravel Status: Active	Type: Sea, river or canal wharf where mineral commodities are unloaded and stored or loaded from. Status description: Site which is actively extracting a mineral, or in the case of wharfs and rail depots, is actively handling minerals



ID	Location	Details	Description
D	167m E	Name: Shoreham Beach Brick Field Address: Shoreham Beach, SHOREHAM-BY-SEA, West Sussex Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.
C	204m W	Name: Free Wharf Address: Brighton Road, SHOREHAM, West Sussex, BN43 6RE Commodity: Crushed Rock Status: Ceased	Type: Sea, river or canal wharf where mineral commodities are unloaded and stored or loaded from. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.
G	336m N	Name: Kingston by Sea Brick Field Address: Kingston by Sea, SHOREHAM-BY-SEA, West Sussex Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	22
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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 133 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Timber Pond	1912	1:10560
A	On site	Timber Pond	1912	1:10560
A	On site	Timber Pond	1909	1:10560
A	On site	Unspecified Wharf	1982	1:10000



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Wharf	1909	1:10560
C	On site	Timber Ponds	1896	1:10560
D	15m E	Brick Field	1873	1:10560
2	77m N	Brick Field	1896	1:10560
C	96m W	Unspecified Wharf	1912	1:10560
C	96m W	Unspecified Wharf	1912	1:10560
C	97m W	Unspecified Wharf	1896	1:10560
C	111m W	Timber Ponds	1873	1:10560
C	128m W	Unspecified Wharf	1982	1:10000
E	129m NE	Brick Field	1912	1:10560
E	129m NE	Brick Field	1912	1:10560
E	133m NE	Brick Field	1909	1:10560
F	152m SE	Unspecified Wharf	1909	1:10560
F	177m SE	Unspecified Wharf	1912	1:10560
F	177m SE	Unspecified Wharf	1912	1:10560
F	177m SE	Unspecified Wharf	1948	1:10560
F	218m SE	Ponds	1909	1:10560
F	218m SE	Ponds	1896	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

2

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.

Features are displayed on the Mining and ground workings map on [page 133 >](#)

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
3	155m SE	Kingston Railway Wharf	Sand and gravel (marine dredged)	Surface mineral working	Valid	17/9/80
J	486m E	Kingston Railway Wharf	Sand and gravel (marine dredged)	Surface mineral working	Valid	17/9/80

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

2

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).

Features are displayed on the Mining and ground workings map on [page 133 >](#)

ID	Location	Name	Commodity	Class	Likelihood
1	22m N	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.



ID	Location	Name	Commodity	Class	Likelihood
-	816m E	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

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
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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
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

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

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



19 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.

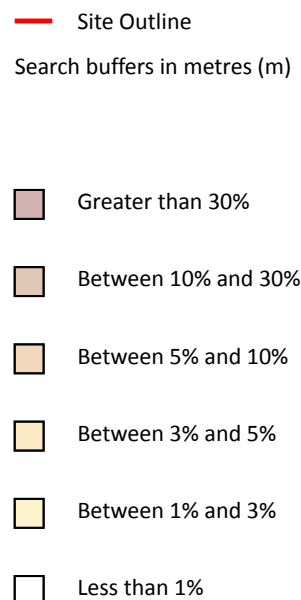
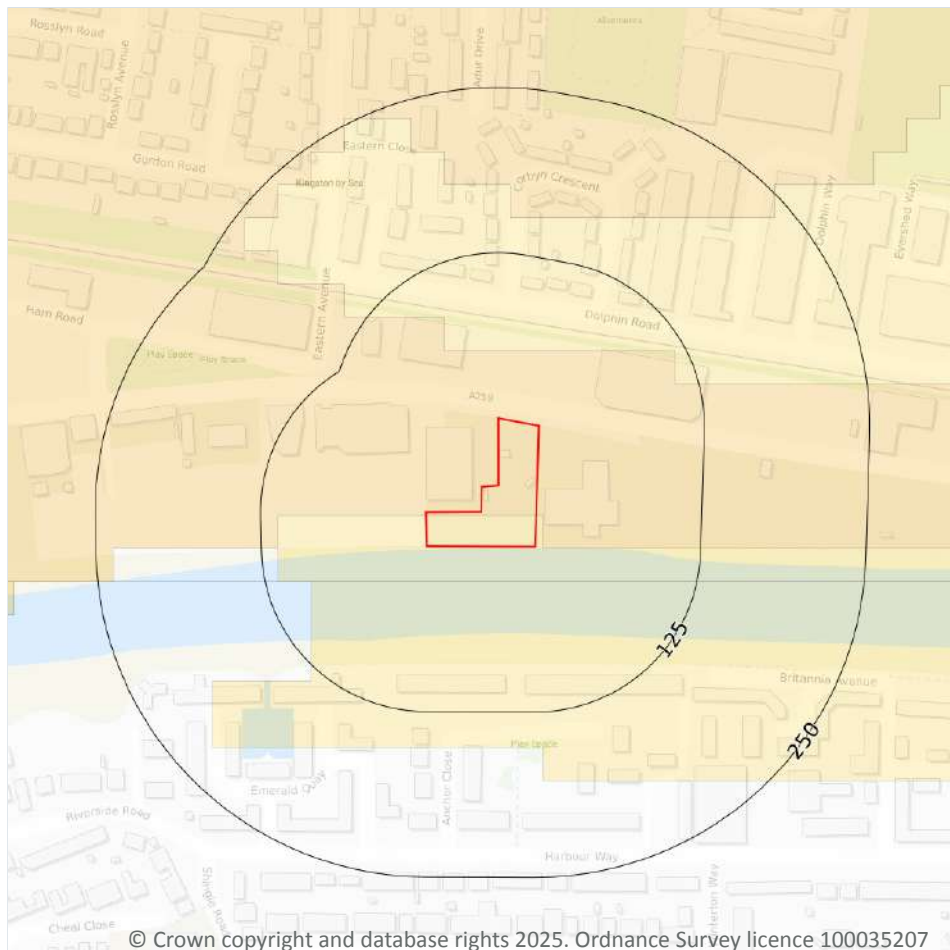
Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.



20 Radon



20.1 Radon

Records on site

2

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 142](#) >

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 3% and 5%	Basic



Location	Estimated properties affected	Radon Protection Measures required
On site	Between 1% and 3%	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

5

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 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
27m S	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
27m S	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
31m N	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 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

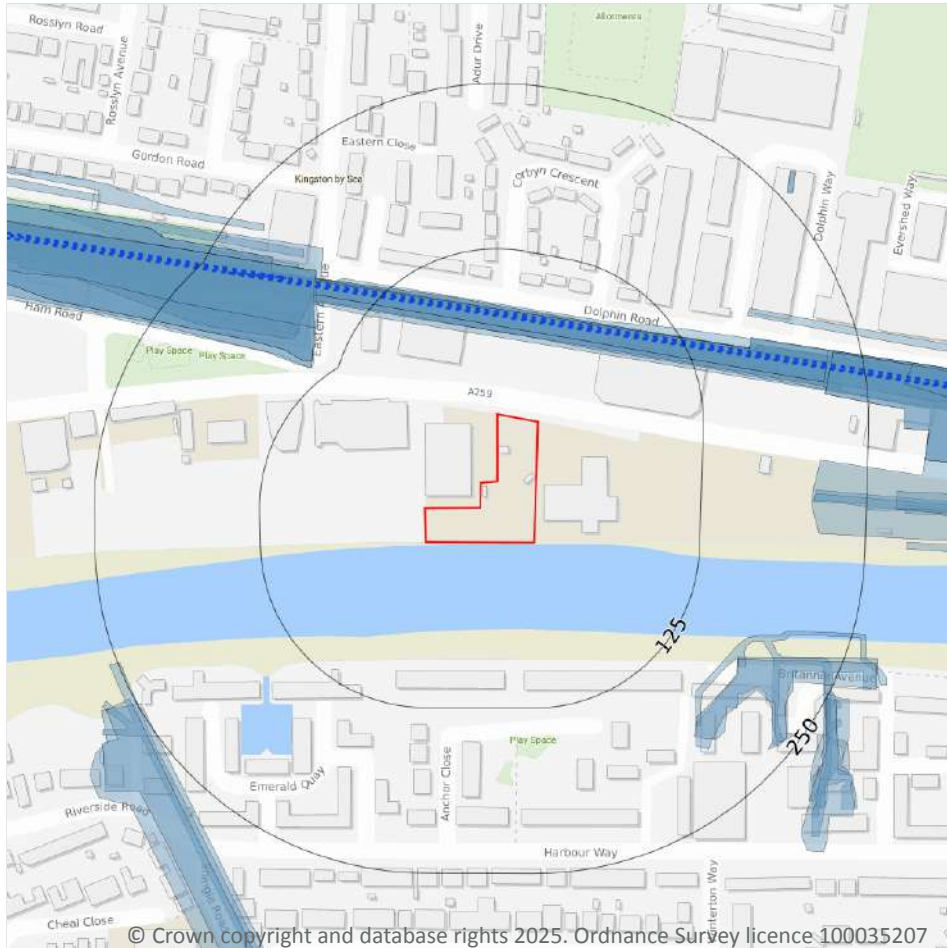
0

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



- Site Outline
- Search buffers in metres (m)
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

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

34

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 146 >](#)

Location	Land Use	Year of mapping	Mapping scale
58m N	Railway Sidings	1896	10560
62m N	Railway	1873	-
62m N	Railway	1896	-
62m N	Railway	1909	-
62m N	Railway Sidings	1912	10560
66m N	Railway Sidings	1909	10560
66m N	Railway Sidings	1948	10560
80m NE	Railway Sidings	1985	1250
140m NW	Railway Sidings	1968	10560
140m NW	Railway Sidings	1963	10560
150m NW	Railway Sidings	1972	10000
161m W	Railway Sidings	1951	2500
163m W	Railway Sidings	1951	1250
164m E	Railway Sidings	1898	2500
165m NW	Railway Sidings	1930	2500
165m NW	Railway Sidings	1969	1250
166m SE	Railway Sidings	1912	2500



Location	Land Use	Year of mapping	Mapping scale
167m E	Railway Sidings	1930	2500
173m E	Railway Sidings	1965	1250
173m E	Railway Sidings	1951	1250
173m E	Railway Sidings	1951	2500
177m SE	Railway Sidings	1912	10560
177m SE	Railway Sidings	1909	10560
178m NE	Railway Sidings	1912	2500
180m NW	Railway Sidings	1912	2500
208m E	Railway Sidings	1963	10560
210m E	Railway Sidings	1951	1250
218m E	Railway Sidings	1968	10560
218m E	Railway Sidings	1972	10000
224m NW	Railway Sidings	1912	2500
248m SW	Tramway Sidings	1912	10560
248m SW	Tramway Sidings	1912	2500
249m SE	Railway Sidings	1948	10560
250m SE	Railway Sidings	1912	10560

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

4

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 146 >](#)

Location	Name	Type
74m N	West Coastway Line	rail
75m N	Not given	Multi Track
77m N	West Coastway Line	rail
190m NW	West Coastway	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.



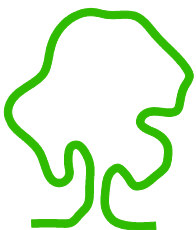
Data providers

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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