

LAND OFF TOM LEWIS ROAD, ALEXANDRA DOCKS, NEWPORT, NP20 2WZ

Order Details

Date: 17/03/2020
Your ref: Newport_EfW
Our Ref: GS-6701656
Client: Sol Environment

Site Details

Location: 331226 184755
Area: 2.22 ha



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.13

groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	10	2	16	27	-
17	1.2	<u>Historical tanks</u>	0	0	0	12	-
17	1.3	Historical energy features	0	0	0	0	-
18	1.4	Historical petrol stations	0	0	0	0	-
18	1.5	<u>Historical garages</u>	0	0	0	3	-
18	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
19	2.1	<u>Historical industrial land uses</u>	7	2	20	36	-
22	2.2	<u>Historical tanks</u>	0	0	0	24	-
23	2.3	Historical energy features	0	0	0	0	-
23	2.4	Historical petrol stations	0	0	0	0	-
24	2.5	<u>Historical garages</u>	0	0	0	5	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
25	3.1	<u>Active or recent landfill</u>	0	0	1	0	-
26	3.2	Historical landfill (BGS records)	0	0	0	0	-
26	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
26	3.4	<u>Historical landfill (EA/NRW records)</u>	2	0	1	2	-
27	3.5	<u>Historical waste sites</u>	0	0	1	0	-
28	3.6	<u>Licensed waste sites</u>	0	0	24	8	-
36	3.7	<u>Waste exemptions</u>	0	0	0	2	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
37	4.1	<u>Recent industrial land uses</u>	0	0	3	-	-
38	4.2	Current or recent petrol stations	0	0	0	0	-
38	4.3	Electricity cables	0	0	0	0	-
38	4.4	Gas pipelines	0	0	0	0	-
38	4.5	Sites determined as Contaminated Land	0	0	0	0	-



38	4.6	<u>Control of Major Accident Hazards (COMAH)</u>	1	0	1	0	-
39	4.7	Regulated explosive sites	0	0	0	0	-
39	4.8	<u>Hazardous substance storage/usage</u>	0	0	1	2	-
40	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
40	4.10	<u>Licensed industrial activities (Part A(1))</u>	0	0	0	17	-
43	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	0	3	-
43	4.12	Radioactive Substance Authorisations	0	0	0	0	-
43	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	8	6	-
45	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
46	4.15	Pollutant release to public sewer	0	0	0	0	-
46	4.16	List 1 Dangerous Substances	0	0	0	0	-
46	4.17	List 2 Dangerous Substances	0	0	0	0	-
46	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	0	1	-
47	4.19	Pollution inventory substances	0	0	0	0	-
47	4.20	Pollution inventory waste transfers	0	0	0	0	-
47	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
48	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
49	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
51	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
52	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
52	5.5	Groundwater vulnerability- local information	None (within 0m)				
53	5.6	Groundwater abstractions	0	0	0	0	0
54	5.7	<u>Surface water abstractions</u>	0	0	0	0	1
54	5.8	Potable abstractions	0	0	0	0	0
54	5.9	Source Protection Zones	0	0	0	0	-
55	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
56	6.1	<u>Water Network (OS MasterMap)</u>	0	0	5	-	-



57	6.2	<u>Surface water features</u>	0	0	2	-	-
57	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
58	6.4	<u>WFD Surface water bodies</u>	0	0	1	-	-
58	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
59	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
59	7.2	Historical Flood Events	0	0	0	-	-
59	7.3	Flood Defences	0	0	0	-	-
59	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
60	7.5	Flood Storage Areas	0	0	0	-	-
61	7.6	Flood Zone 2	None (within 50m)				
61	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
62	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
64	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
65	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	0	2	2
66	10.2	<u>Conserved wetland sites (Ramsar sites)</u>	0	0	0	1	0
68	10.3	<u>Special Areas of Conservation (SAC)</u>	0	0	0	1	1
68	10.4	<u>Special Protection Areas (SPA)</u>	0	0	0	1	0
69	10.5	<u>National Nature Reserves (NNR)</u>	0	0	0	0	1
69	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
69	10.7	<u>Designated Ancient Woodland</u>	0	0	0	0	7
70	10.8	Biosphere Reserves	0	0	0	0	0
70	10.9	Forest Parks	0	0	0	0	0
70	10.10	Marine Conservation Zones	0	0	0	0	0
71	10.11	Green Belt	0	0	0	0	0
71	10.12	Proposed Ramsar sites	0	0	0	0	0



71	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
71	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
71	10.15	Nitrate Sensitive Areas	0	0	0	0	0
72	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
73	<u>10.17</u>	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
74	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
75	11.1	World Heritage Sites	0	0	0	-	-
75	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
75	11.3	National Parks	0	0	0	-	-
75	11.4	Listed Buildings	0	0	0	-	-
76	11.5	Conservation Areas	0	0	0	-	-
76	11.6	Scheduled Ancient Monuments	0	0	0	-	-
76	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
77	<u>12.1</u>	<u>Agricultural Land Classification</u>	Grade 4 (within 250m)				
78	<u>12.2</u>	<u>Open Access Land</u>	0	0	1	-	-
78	12.3	Tree Felling Licences	0	0	0	-	-
79	12.4	Environmental Stewardship Schemes	0	0	0	-	-
79	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
80	13.1	Priority Habitat Inventory	0	0	0	-	-
80	13.2	Habitat Networks	0	0	0	-	-
80	13.3	Open Mosaic Habitat	0	0	0	-	-
80	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
81	<u>14.1</u>	<u>10k Availability</u>	Identified (within 500m)				
82	14.2	Artificial and made ground (10k)	0	0	0	0	-
83	<u>14.3</u>	<u>Superficial geology (10k)</u>	0	0	2	0	-

84	14.4	Landslip (10k)	0	0	0	0	-
85	14.5	<u>Bedrock geology (10k)</u>	0	0	1	0	-
86	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
87	15.1	<u>50k Availability</u>	Identified (within 500m)				
88	15.2	Artificial and made ground (50k)	0	0	0	0	-
88	15.3	Artificial ground permeability (50k)	0	0	-	-	-
89	15.4	<u>Superficial geology (50k)</u>	1	0	1	1	-
90	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
90	15.6	Landslip (50k)	0	0	0	0	-
90	15.7	Landslip permeability (50k)	None (within 50m)				
91	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
92	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
92	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
93	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence					
94	17.1	<u>Shrink swell clays</u>	Low (within 50m)				
95	17.2	<u>Running sands</u>	Moderate (within 50m)				
96	17.3	<u>Compressible deposits</u>	Moderate (within 50m)				
97	17.4	<u>Collapsible deposits</u>	Negligible (within 50m)				
98	17.5	<u>Landslides</u>	Very low (within 50m)				
99	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
100	18.1	Natural cavities	0	0	0	0	-
101	18.2	BritPits	0	0	0	0	-
101	18.3	<u>Surface ground workings</u>	3	2	11	-	-
102	18.4	Underground workings	0	0	0	0	0
102	18.5	Historical Mineral Planning Areas	0	0	0	0	-



102	18.6	Non-coal mining	0	0	0	0	0
102	18.7	Mining cavities	0	0	0	0	0
102	18.8	JPB mining areas	None (within 0m)				
103	18.9	Coal mining	None (within 0m)				
103	18.10	Brine areas	None (within 0m)				
103	18.11	Gypsum areas	None (within 0m)				
103	18.12	Tin mining	None (within 0m)				
103	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
<u>104</u>	<u>19.1</u>	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>105</u>	<u>20.1</u>	<u>BGS Estimated Background Soil Chemistry</u>	1	0	-	-	-
105	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
105	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
106	21.1	Underground railways (London)	0	0	0	-	-
106	21.2	Underground railways (Non-London)	0	0	0	-	-
107	21.3	Railway tunnels	0	0	0	-	-
<u>107</u>	<u>21.4</u>	<u>Historical railway and tunnel features</u>	8	0	19	-	-
108	21.5	Royal Mail tunnels	0	0	0	-	-
<u>108</u>	<u>21.6</u>	<u>Historical railways</u>	2	0	14	-	-
109	21.7	Railways	0	0	0	-	-
109	21.8	Crossrail 1	0	0	0	0	-
110	21.9	Crossrail 2	0	0	0	0	-
110	21.10	HS2	0	0	0	0	-



Recent aerial photograph



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Capture Date: 25/05/2017

Site Area: 2.22ha



Recent site history - 2016 aerial photograph



Capture Date: 19/07/2016

Site Area: 2.22ha



Recent site history - 2013 aerial photograph



Capture Date: 14/07/2013

Site Area: 2.22ha



Recent site history - 2009 aerial photograph



Capture Date: 12/10/2009

Site Area: 2.22ha



Recent site history - 2000 aerial photograph

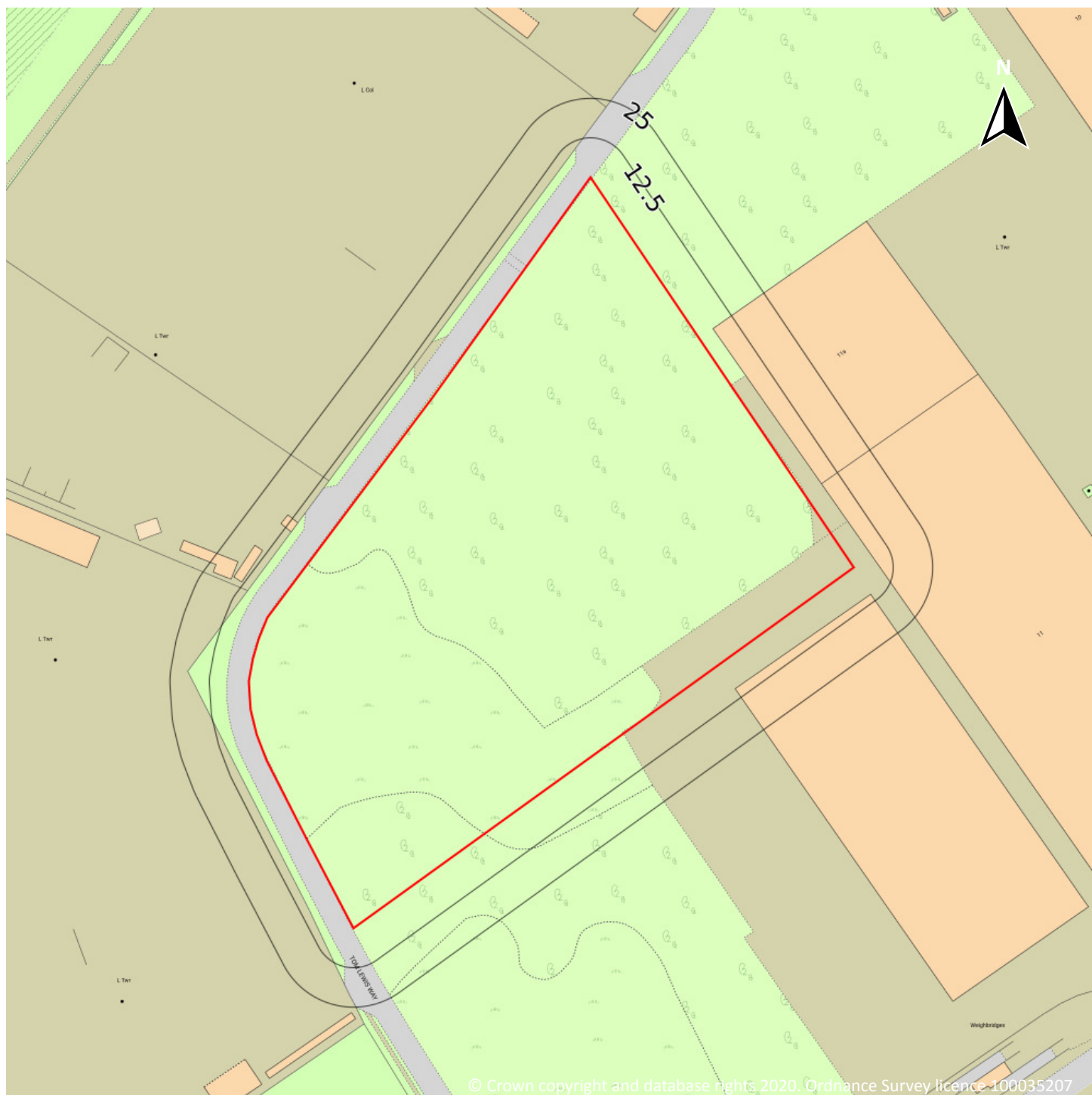


Capture Date: 06/10/2000

Site Area: 2.22ha



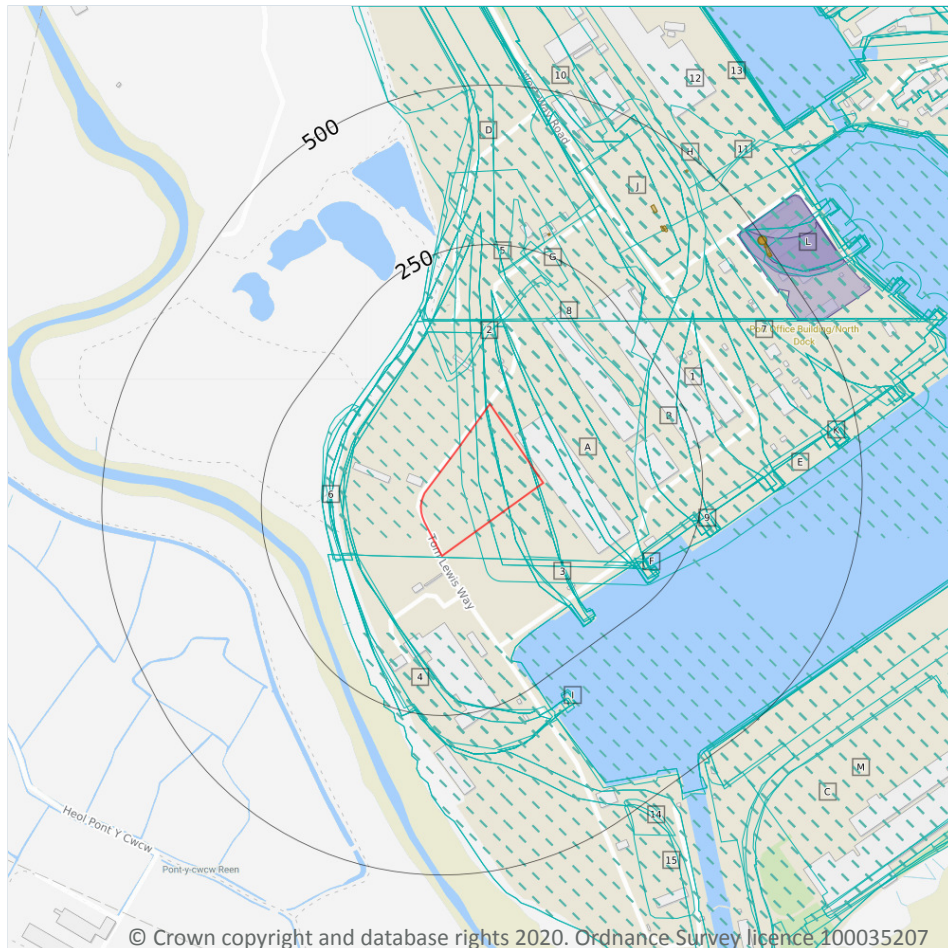
OS MasterMap site plan



Site Area: 2.22ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

55

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

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

ID	Location	Land use	Dates present	Group ID
1	On site	Docks	1922	1258080



ID	Location	Land use	Dates present	Group ID
A	On site	Railway Sidings	1922	1190018
A	On site	Railway Sidings	1922	1190019
A	On site	Railway Sidings	1922	1190020
A	On site	Railway Sidings	1922	1190021
A	On site	Docks	1920	1197679
A	On site	Railway Sidings	1949	1233464
A	On site	Railway Sidings	1920	1256077
B	On site	Railway Sidings	1956	1195033
B	On site	Dock	1956	1260805
C	2m S	Docks	1922	1157146
C	2m S	Docks	1922	1157151
2	65m NW	Unspecified Heap	1882	1163115
3	76m SE	Railway Sidings	1950	1189963
4	115m SW	Railway Sidings	1950	1189962
D	131m N	Refuse Heap	1985	1222311
5	133m N	Railway Sidings	1963	1224125
6	142m W	Unspecified Ground Workings	1922	1160911
7	146m E	Dock	1949	1190066
8	164m NE	Unspecified Ground Workings	1949	1160910
E	181m SE	Coal Hoists	1949	1191845
E	181m SE	Coal Hoists	1920	1251177
F	185m SE	Railway Sidings	1950	1189964
F	191m SE	Coal Hoist	1922	1184700
F	197m SE	Coal Hoists	1922	1197986
D	205m N	Refuse Heap	1973 - 1981	1192559
G	212m NE	Hospital	1900	1182130
9	239m E	Coal Hoists	1949	1268571
H	268m NE	Railway Sidings	1963	1212723

ID	Location	Land use	Dates present	Group ID
H	268m NE	Unspecified Commercial/Industrial	1963	1260917
H	268m NE	Dock	1963	1265819
H	268m NE	Dock	1973 - 1981	1207789
I	285m SE	Coal Hoist	1922 - 1950	1196003
J	287m NE	Timber Yard	1922	1158975
I	294m SE	Coal Hoists	1922	1183863
H	320m NE	Railway Sidings	1970 - 1985	1209979
E	331m E	Coal Hoists	1949	1263001
E	347m E	Coal Hoists	1922	1219565
10	386m N	Docks	1882	1194959
11	417m NE	Engineering and Ship Repairing Works	1900	1222520
K	442m E	Coal Hoists	1949	1196663
K	454m E	Coal Hoist	1922	1184699
12	460m NE	Unspecified Commercial/Industrial	1900	1249796
13	475m NE	Dock	1882	1227310
14	479m SE	Unspecified Pit	1922	1268170
L	485m NE	Unspecified Depot	1973 - 1981	1206930
L	485m NE	Unspecified Depot	1963	1256365
15	487m SE	Unspecified Pit	1922	1260461
M	487m SE	Railway Sidings	1950	1190082
M	489m SE	Railway Sidings	1920 - 1949	1203016
L	490m NE	Unspecified Tank	1963	1251247
L	490m NE	Unspecified Tank	1973 - 1985	1251955
M	493m SE	Quay	1956	1164889
M	493m SE	Railway Sidings	1956	1190125
H	497m NE	Unspecified Pit	1882	1186200

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

12

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

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

ID	Location	Land use	Dates present	Group ID
G	279m N	Unspecified Tank	1968 - 1976	181437
J	383m NE	Tanks	1937	183587
J	385m NE	Tanks	1937	169460
J	386m NE	Tanks	1955	189394
J	395m NE	Tanks	1955	188205
H	476m NE	Unspecified Tank	1955	181065
L	491m NE	Tanks	1955 - 1968	185697
L	491m NE	Unspecified Tank	1955 - 1968	181284
L	491m NE	Tanks	1955 - 1968	188777
L	491m NE	Unspecified Tank	1986	186625
L	492m NE	Tanks	1986	189252
L	494m NE	Tanks	1955 - 1968	192811

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.



1.4 Historical petrol stations

Records within 500m**0**

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m**3**

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

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

ID	Location	Land use	Dates present	Group ID
L	469m NE	Ship Repair and Oil Tanker Cleansing Depot	1968	36372
L	471m NE	Ship Repair and Oil Tanker Cleansing Depot	1986	34096
L	483m NE	Ship Repair and Oil Tanker Cleansing Depot	1955	35733

This data is sourced from Ordnance Survey / Groundsure.

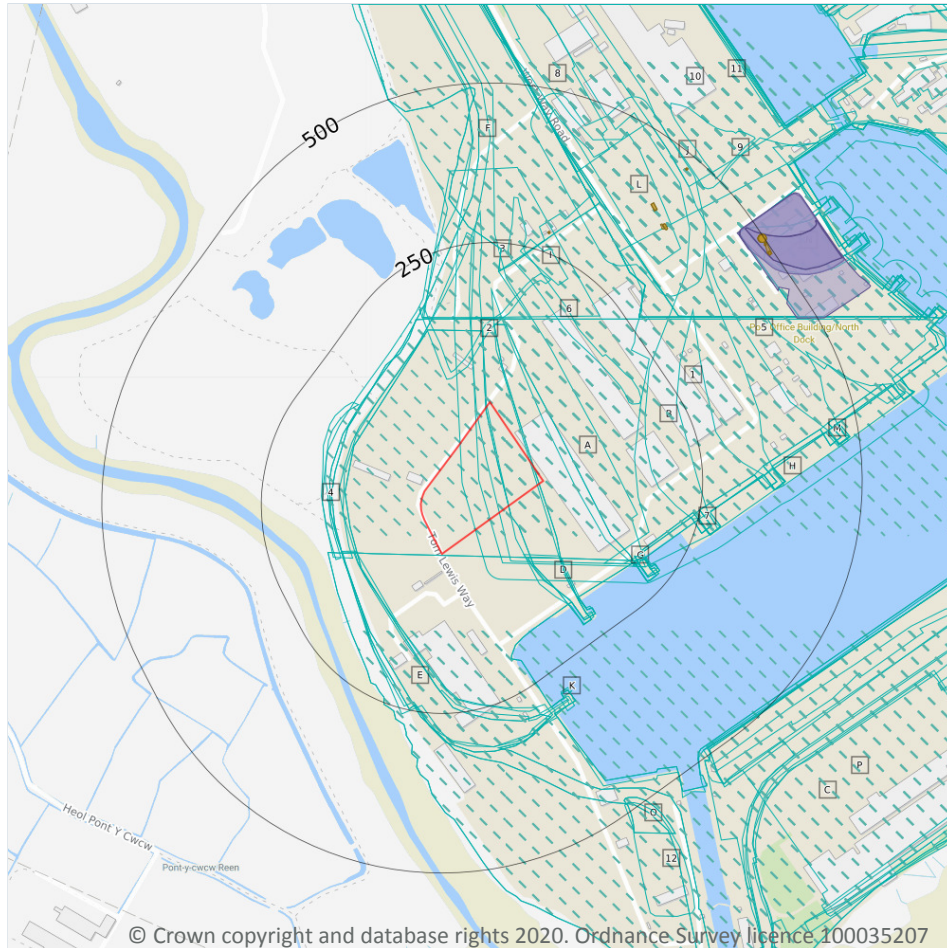
1.6 Historical military land

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 garages

2.1 Historical industrial land uses

Records within 500m

65

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 19**

ID	Location	Land Use	Date	Group ID
1	On site	Docks	1922	1258080
A	On site	Railway Sidings	1922	1190018
A	On site	Railway Sidings	1949	1233464

ID	Location	Land Use	Date	Group ID
A	On site	Railway Sidings	1920	1256077
A	On site	Docks	1920	1197679
B	On site	Dock	1956	1260805
B	On site	Railway Sidings	1956	1195033
C	2m S	Docks	1922	1157146
C	2m S	Docks	1922	1157151
2	65m NW	Unspecified Heap	1882	1163115
D	76m SE	Railway Sidings	1950	1189963
D	84m SE	Railway Sidings	1922	1190019
E	115m SW	Railway Sidings	1950	1189962
E	119m SW	Railway Sidings	1922	1190021
F	131m N	Refuse Heap	1985	1222311
3	133m N	Railway Sidings	1963	1224125
4	142m W	Unspecified Ground Workings	1922	1160911
5	146m E	Dock	1949	1190066
6	164m NE	Unspecified Ground Workings	1949	1160910
G	181m SE	Coal Hoists	1949	1191845
G	185m SE	Railway Sidings	1950	1189964
G	191m SE	Railway Sidings	1922	1190020
G	191m SE	Coal Hoist	1922	1184700
H	194m SE	Coal Hoists	1920	1251177
G	197m SE	Coal Hoists	1922	1197986
F	205m N	Refuse Heap	1981	1192559
F	205m N	Refuse Heap	1973	1192559
I	212m NE	Hospital	1900	1182130
7	239m E	Coal Hoists	1949	1268571
J	268m NE	Railway Sidings	1963	1212723
J	268m NE	Unspecified Commercial/Industrial	1963	1260917



ID	Location	Land Use	Date	Group ID
J	268m NE	Dock	1963	1265819
J	268m NE	Dock	1981	1207789
J	268m NE	Dock	1973	1207789
K	285m SE	Coal Hoist	1950	1196003
K	287m SE	Coal Hoist	1922	1196003
L	287m NE	Timber Yard	1922	1158975
K	294m SE	Coal Hoists	1922	1183863
J	320m NE	Railway Sidings	1985	1209979
J	320m NE	Railway Sidings	1981	1209979
J	320m NE	Railway Sidings	1973	1209979
H	331m E	Coal Hoists	1949	1263001
H	347m E	Coal Hoists	1922	1219565
8	386m N	Docks	1882	1194959
9	417m NE	Engineering and Ship Repairing Works	1900	1222520
M	442m E	Coal Hoists	1949	1196663
M	454m E	Coal Hoist	1922	1184699
10	460m NE	Unspecified Commercial/Industrial	1900	1249796
11	475m NE	Dock	1882	1227310
O	479m SE	Unspecified Pit	1922	1268170
O	479m SE	Unspecified Pit	1922	1268170
N	485m NE	Unspecified Depot	1981	1206930
N	485m NE	Unspecified Depot	1963	1256365
N	485m NE	Unspecified Depot	1973	1206930
12	487m SE	Unspecified Pit	1922	1260461
P	487m SE	Railway Sidings	1950	1190082
P	489m SE	Railway Sidings	1922	1203016
N	490m NE	Unspecified Tank	1985	1251955
N	490m NE	Unspecified Tank	1981	1251955

ID	Location	Land Use	Date	Group ID
N	490m NE	Unspecified Tank	1963	1251247
N	490m NE	Unspecified Tank	1973	1251955
P	491m SE	Railway Sidings	1922	1203016
P	493m SE	Quay	1956	1164889
P	493m SE	Railway Sidings	1956	1190125
J	497m NE	Unspecified Pit	1882	1186200

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

24

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 19**

ID	Location	Land Use	Date	Group ID
I	279m N	Unspecified Tank	1976	181437
I	279m N	Unspecified Tank	1968	181437
I	280m N	Unspecified Tank	1968	181437
L	383m NE	Tanks	1937	183587
L	385m NE	Tanks	1937	169460
L	386m NE	Tanks	1955	189394
L	386m NE	Tanks	1955	189394
L	395m NE	Tanks	1955	188205
L	396m NE	Tanks	1955	188205
J	476m NE	Unspecified Tank	1955	181065
J	477m NE	Unspecified Tank	1955	181065
N	491m NE	Tanks	1968	185697
N	491m NE	Tanks	1955	185697
N	491m NE	Unspecified Tank	1955	181284



ID	Location	Land Use	Date	Group ID
N	491m NE	Unspecified Tank	1968	181284
N	491m NE	Tanks	1955	188777
N	491m NE	Tanks	1968	188777
N	491m NE	Unspecified Tank	1986	186625
N	492m NE	Tanks	1986	189252
N	492m NE	Tanks	1955	188777
N	494m NE	Tanks	1955	192811
N	494m NE	Tanks	1968	192811
N	494m NE	Tanks	1968	192811
N	495m NE	Tanks	1955	192811

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.



2.5 Historical garages

Records within 500m

5

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

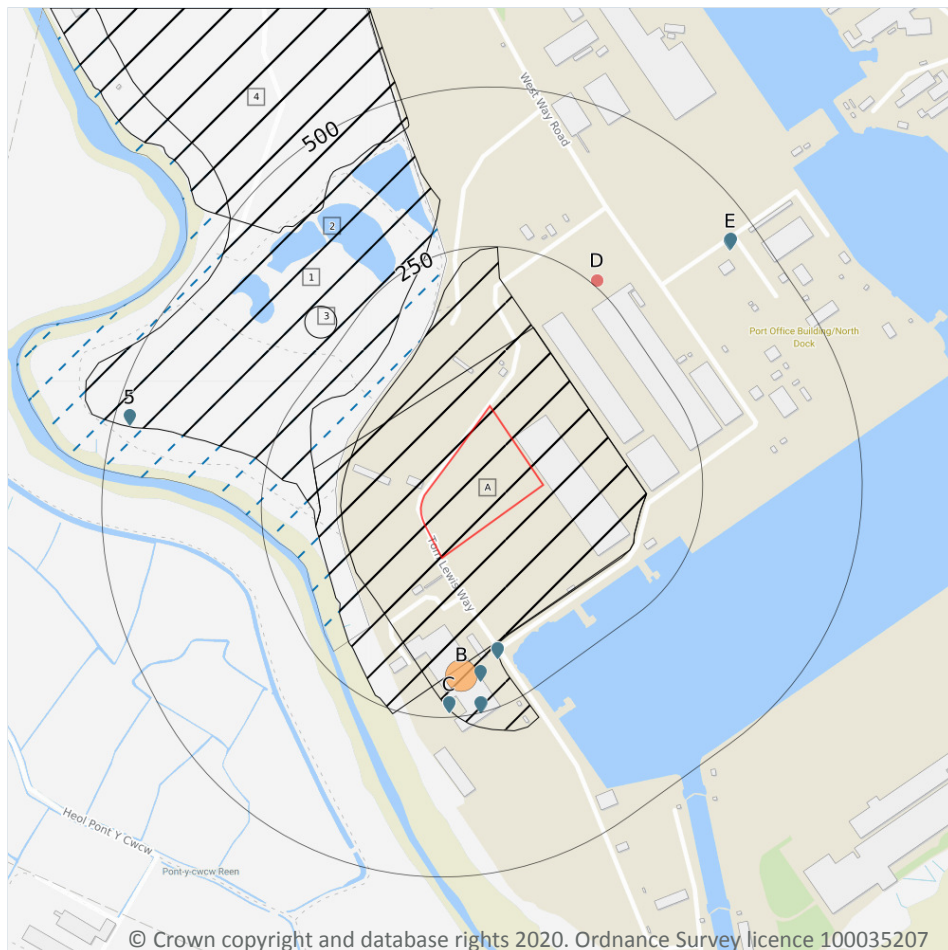
Features are displayed on the Past land use - un-grouped map on **page 19**

ID	Location	Land Use	Date	Group ID
N	469m NE	Ship Repair and Oil Tanker Cleansing Depot	1968	36372
N	470m NE	Ship Repair and Oil Tanker Cleansing Depot	1968	36372
N	471m NE	Ship Repair and Oil Tanker Cleansing Depot	1986	34096
N	483m NE	Ship Repair and Oil Tanker Cleansing Depot	1955	35733
N	484m NE	Ship Repair and Oil Tanker Cleansing Depot	1955	35733

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

3.1 Active or recent landfill

Records within 500m

1

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on **page 25**

ID	Location	Details	
1	130m W	Operator: Newport City Council Site Address: Docks Way Landfill, Docks Way, Maesglas, Newport, Gwent, NP20 2NS	WML Number: 30058 EPR Reference: NEW002 Landfill type: A4 : Household, Commercial & Industrial Waste Landfill Status: Closure IPPC Reference: - EPR Number: EAEPR\EA/EPR/NP3199FM/V002



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

5

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

Features are displayed on the Waste and landfill map on **page 25**

ID	Location	Details		
A	On site	Site Address: South Dock Licence Holder Address: -	Waste Licence: Yes Site Reference: 004/77 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 21/01/1977 Licence Surrender: 31/12/1990	Operator: - Licence Holder: Gwent Haulage Company Limited First Recorded 31/01/1976 Last Recorded: 31/12/1990
A	On site	Site Address: Old Coal Sidings Licence Holder Address: -	Waste Licence: Yes Site Reference: 015/77 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 22/04/1977 Licence Surrender: -	Operator: - Licence Holder: H Wessen First Recorded 31/12/1970 Last Recorded: 31/12/1983

ID	Location	Details		
2	157m W	Site Address: Docks Way Licence Holder Address: -	Waste Licence: Yes Site Reference: 066/92 Waste Type: Inert, Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 03/06/1987 Licence Surrender: -	Operator: - Licence Holder: Newport County Borough Council First Recorded 31/12/1980 Last Recorded: -
3	267m NW	Site Address: Land adjoining Timber Terminal South Docks Licence Holder Address: -	Waste Licence: Yes Site Reference: 043/86, 040/86, 6935/0050 Waste Type: Inert, Industrial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 27/02/1986 Licence Surrender: 11/08/1988	Operator: - Licence Holder: Volehurst Limited First Recorded - Last Recorded: -
4	405m NW	Site Address: Maesglas Tip Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Commercial, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Newport County Borough Council Licence Holder: - First Recorded 30/04/1967 Last Recorded: -

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

3.5 Historical waste sites

Records within 500m	1
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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 25**

ID	Location	Address	Further Details	Date
B	161m S	Site Address: North Dock, Alexandra Dock, Newport Docks, NEWPORT, Gwent, NP20 2NP	Type of Site: Waste Transfer Station (Conversion) Planning application reference: 05/1155/F Description: Scheme comprises change of use to a waste transfer station with associated wood chipping plant. An application (ref: 05/1155/F) for Detailed Planning permission was submitted to Newport B.C. on 22nd August 2005. 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

32

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

Features are displayed on the Waste and landfill map on **page 25**

ID	Location	Details		
B	168m SE	Site Name: Sims Newport Site Address: South Dock, Westway Road, Newport Docks, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: SIM009 EPR reference: TP3495FK/S005 Operator: Sims Group U K Ltd Waste Management licence No: 30273 Annual Tonnage: 0	Issue Date: 28/02/2003 Effective Date: - Modified:: 27/10/2010 Surrendered Date: 2.01507e+016 Expiry Date: 0 Cancelled Date: 0 Status: Surrendered
B	169m SE	Site Name: Sims Group U K Ltd (fridge Storage) Site Address: Land/ Premises At, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM009 EPR reference: TP3495FK/V002 Operator: Sims Group U K Ltd (fridge Storage) Waste Management licence No: 30273 Annual Tonnage: 25000	Issue Date: 28/02/2003 Effective Date: - Modified:: 14/06/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
B	169m SE	Site Name: Sims Newport Site Address: South Dock, Westway Road, Newport Docks, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM009 EPR reference: TP3495FK/V004 Operator: Sims Group U K Ltd Waste Management licence No: 30273 Annual Tonnage: 24999	Issue Date: 28/02/2003 Effective Date: - Modified:: 27/10/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
B	169m SE	Site Name: - Site Address: Sims Newport, Newport Docks, Newport, Newport, NP20 2WE Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: TP3495FK EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 28/02/2003 Effective Date: 28/02/2003 Modified:: - Surrendered Date: 23/07/2015 Expiry Date: - Cancelled Date: - Status: Surrendered
B	169m SE	Site Name: - Site Address: Sims Newport, Newport Docks, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: TP3495FK EPR reference: - Operator: - Waste Management licence No: 30273 Annual Tonnage: 0	Issue Date: 28/02/2003 Effective Date: 28/02/2003 Modified:: - Surrendered Date: 23/07/2015 Expiry Date: - Cancelled Date: - Status: Surrender
B	169m SE	Site Name: - Site Address: Sims Newport, Newport Docks, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: - Environmental Permitting Regulations (Waste) Licence Number: TP3495FK EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 30273 Annual Tonnage: 0	Issue Date: 28/02/2003 Effective Date: 28/02/2003 Modified:: - Surrendered Date: 23/07/2015 Expiry Date: - Cancelled Date: - Status: Surrender
B	169m SE	Site Name: - Site Address: Sims Newport, Newport Docks, Gwent, Newport, Newport, NP20 2WE Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: TP3495FK EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 30273 Annual Tonnage: 0	Issue Date: 28/02/2003 Effective Date: 28/02/2003 Modified:: - Surrendered Date: 23/07/2015 Expiry Date: - Cancelled Date: - Status: Surrender

ID	Location	Details		
B	169m SE	Site Name: - Site Address: Sims Newport, Newport Docks, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: - Environmental Permitting Regulations (Waste) Licence Number: TP3495FK EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 30273 Annual Tonnage: 0	Issue Date: 28/02/2003 Effective Date: 28/02/2003 Modified:: - Surrendered Date: 23/07/2015 Expiry Date: - Cancelled Date: - Status: Surrender
B	190m S	Site Name: Newport Weee Facility (weee) Site Address: West Quay, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: SIM062 EPR reference: BP3992SG/S003 Operator: Sims Group U K Ltd Waste Management licence No: 100605 Annual Tonnage: 0	Issue Date: 28/10/2008 Effective Date: - Modified:: 21/02/2011 Surrendered Date: 2.01507e+016 Expiry Date: 0 Cancelled Date: 0 Status: Surrendered
C	230m S	Site Name: Newport Weee Facility Site Address: West Quay, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM062 EPR reference: BP3992SG/A001 Operator: Sims Group U K Limited Waste Management licence No: 100605 Annual Tonnage: 74999	Issue Date: 28/10/2008 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	230m S	Site Name: Newport Weee Facility Site Address: West Quay, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: 75kte WEEE Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM062 EPR reference: BP3992SG/A001 Operator: Sims Group U K Limited Waste Management licence No: 100605 Annual Tonnage: 74999	Issue Date: 28/10/2008 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
C	230m S	Site Name: Newport Weee Facility (weee) Site Address: West Quay, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM062 EPR reference: BP3992SG/A001 Operator: Sims Group U K Limited (weee Plant) Waste Management licence No: 100605 Annual Tonnage: 74999	Issue Date: 28/10/2008 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	230m S	Site Name: Newport Weee Facility (weee) Site Address: West Quay, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM062 EPR reference: EA/EPR/BP3992SG/V002 Operator: Sims Group U K Ltd Waste Management licence No: 100605 Annual Tonnage: 74999	Issue Date: 28/10/2008 Effective Date: - Modified:: 21/02/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
C	230m S	Site Name: Newport Weee Facility (weee) Site Address: West Quay, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM062 EPR reference: BP3992SG/V002 Operator: Sims Group U K Ltd Waste Management licence No: 100605 Annual Tonnage: 74999	Issue Date: 28/10/2008 Effective Date: - Modified:: 21/02/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
C	230m S	Site Name: Newport Weee Facility Site Address: West Quay, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: Sims Group U K Ltd, Long Marston, Stratford Upon Avon, Warks, CV37 8AQ	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM062 EPR reference: - Operator: Sims Group U K Limited Waste Management licence No: 100605 Annual Tonnage: 0	Issue Date: 10/28/2008 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
C	230m S	Site Name: Newport Weee Facility Site Address: West Quay, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: Sims Group U K Ltd, Long Marston, Stratford Upon Avon, Warks, CV37 8AQ	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM062 EPR reference: EA/EPR/BP3992SG/A001 Operator: Sims Group U K Limited Waste Management licence No: 100605 Annual Tonnage: 74999	Issue Date: 10/28/2008 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	230m S	Site Name: Newport Weee Facility (weee) Site Address: West Quay, Westway Road, South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM062 EPR reference: EA/EPR/BP3992SG/V002 Operator: Sims Group U K Limited Waste Management licence No: 100605 Annual Tonnage: 74999	Issue Date: 28/10/2008 Effective Date: - Modified:: 21/02/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
C	230m S	Site Name: - Site Address: Newport Weee Facility (weee), South Dock, Newport, Newport, NP20 2WE Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BP3992SG EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 28/10/2008 Effective Date: 28/10/2008 Modified:: - Surrendered Date: 22/07/2015 Expiry Date: - Cancelled Date: - Status: Surrendered
C	230m S	Site Name: - Site Address: Newport Weee Facility (weee), South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BP3992SG EPR reference: - Operator: - Waste Management licence No: 100605 Annual Tonnage: 0	Issue Date: 28/10/2008 Effective Date: 28/10/2008 Modified:: - Surrendered Date: 22/07/2015 Expiry Date: - Cancelled Date: - Status: Surrender



ID	Location	Details		
C	230m S	Site Name: - Site Address: Newport Weee Facility (weee), South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: - Environmental Permitting Regulations (Waste) Licence Number: BP3992SG EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 100605 Annual Tonnage: 0	Issue Date: 28/10/2008 Effective Date: 28/10/2008 Modified:: - Surrendered Date: 22/07/2015 Expiry Date: - Cancelled Date: - Status: Surrender
C	230m S	Site Name: - Site Address: Newport Weee Facility (weee), South Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: - Environmental Permitting Regulations (Waste) Licence Number: BP3992SG EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 100605 Annual Tonnage: 0	Issue Date: 28/10/2008 Effective Date: 28/10/2008 Modified:: - Surrendered Date: 22/07/2015 Expiry Date: - Cancelled Date: - Status: Surrender
C	230m S	Site Name: - Site Address: Newport Weee Facility (weee), South Dock, Gwent, Newport, Newport, NP20 2WE Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BP3992SG EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 100605 Annual Tonnage: 0	Issue Date: 28/10/2008 Effective Date: 28/10/2008 Modified:: - Surrendered Date: 22/07/2015 Expiry Date: - Cancelled Date: - Status: Surrender
B	237m S	Site Name: Sims Group Uk Ltd Site Address: Sims Group Uk Ltd, North Side, South Dock, Alexandra Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM011 EPR reference: CP3595FW/S002 Operator: Sims Group U K Ltd Waste Management licence No: 30305 Annual Tonnage: 1355	Issue Date: 30/01/2004 Effective Date: - Modified:: - Surrendered Date: 2.00502e+016 Expiry Date: 0 Cancelled Date: 0 Status: Surrendered

ID	Location	Details		
B	238m S	Site Name: Sims Group U K Ltd Site Address: North Quay, South Dock, Westway Road, Newport Docks, Newport, NP9 2WE Correspondence Address: Sims Group U K Ltd, Long Marston, Stratford Upon Avon, Warwickshire, CU37 8AG	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM009 EPR reference: - Operator: Sims Group U K Ltd (Newport) Waste Management licence No: 30273 Annual Tonnage: 24999.9	Issue Date: 28/02/2003 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	455m NE	Site Name: Sims Group U K Ltd Site Address: South Dock, Alexandra Dock, Newport, NP20 2WE Correspondence Address: North Side, South Dock, Alexandra Dock, Newport, NP20 2WE	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM012 EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 30312 Annual Tonnage: 859600	Issue Date: 04/10/2004 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	455m NE	Site Name: Simsgroup U K Ltd Site Address: Simsgroup U K Ltd, North Side, South Dock, Alexandra Dock, Newport, NP20 2WE Correspondence Address: Simsgroup U K Ltd, Long Marston, Stratford Upon Avon, Warwickshire, CV37 8AQ	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM012 EPR reference: - Operator: Simsgroup U K Ltd Waste Management licence No: 30312 Annual Tonnage: 859600	Issue Date: 04/10/2004 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	455m NE	Site Name: Simsgroup U K Ltd Site Address: Simsgroup U K Ltd, Northside, South Dock, Alexandra Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM012 EPR reference: CP3795FY/V002 Operator: Simsgroup U K Ltd Waste Management licence No: 30312 Annual Tonnage: 859600	Issue Date: 04/10/2004 Effective Date: - Modified:: 06/02/2007 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
E	455m NE	Site Name: Sims Group U K Ltd Site Address: Northside, South Dock, Alexandra Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM012 EPR reference: CP3795FY/V003 Operator: Sims Group U K Ltd Waste Management licence No: 30312 Annual Tonnage: 859600	Issue Date: 04/10/2004 Effective Date: - Modified:: 12/10/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
E	455m NE	Site Name: Sims Group U K Ltd Site Address: Northside, South Dock, Alexandra Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM012 EPR reference: EA/EPR/CP3795FY/V003 Operator: Sims Group U K Ltd Waste Management licence No: 30312 Annual Tonnage: 859600	Issue Date: 04/10/2004 Effective Date: - Modified:: 12/10/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
E	455m NE	Site Name: - Site Address: Sims Group U K Ltd, South Dock, Alexandra Dock, Newport, Newport, NP20 2WE Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: CP3795FY EPR reference: - Operator: Sims Group U K Ltd Waste Management licence No: 0 Annual Tonnage: 859600	Issue Date: 18/05/2016 Effective Date: 18/05/2016 Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
E	457m NE	Site Name: Sims Group U K Ltd Site Address: Northside, South Dock, Alexandra Dock, Newport, Gwent, NP20 2WE Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM012 EPR reference: CP3795FY/V005 Operator: Sims Group U K Ltd Waste Management licence No: 30312 Annual Tonnage: 859600	Issue Date: 04/10/2004 Effective Date: - Modified:: 30/05/2012 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Modified



ID	Location	Details		
5	477m W	Site Name: Docksway Landfill EPR/DP3733BK Site Address: Newport City Council, Docksway Landfill EPR/DP3733BK, Docksway Disposal Site - Phase 2 Docks Way, South Wales, NP20 2NS Correspondence Address: -	Type of Site: Borehole Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: DP3733BK EPR reference: - Operator: Newport City Council Waste Management licence No: 0 Annual Tonnage: 103500	Issue Date: 12/06/2009 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective

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

3.7 Waste exemptions

Records within 500m	2
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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 25**

ID	Location	Site	Reference	Category	Sub-Category	Description
D	257m NE	NP202WF	NRW-WME001090	Using waste exemption	Waste Exemption - Non-Agricultural	Use of waste for a specified purpose
D	257m NE	NP202WF	NRW-WME001090	Using waste exemption	Waste Exemption - Non-Agricultural	Use of waste to manufacture finished goods

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
- Control of Major Accident Hazards
- ▲ Hazardous substance storage/usage
- Part A(1) industrial activities
- 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

3

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Company	Address	Activity	Category
2	141m SE	Electricity Sub Station	Gwent, NP20	Electrical Features	Infrastructure and Facilities
C	216m E	Pylon	Gwent, NP20	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
3	237m N	Baldwins Crane Hire Ltd	Westway Road, Alexandra Docks, Newport, Gwent, NP20 2WD	Construction and Tool Hire	Hire Services

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0
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Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

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

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

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

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

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

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

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

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 37**

ID	Location	Company	Address	Operational status	Tier
1	On site	Mole Valley Forage Services Limited	Mole Valley Forage Services Limited, Newport, 8 shed, North Side, South Dock, Alexandra Docks, Newport, Gwent, NP20 2NQ	Current COMAH Site	COMAH Lower Tier Operator
D	212m NE	Origin UK Operations Limited	Origin UK Operations Limited, Alexandra Dock, West Way Road, South Dock, Newport, Gwent, NP9 2WZ	Current COMAH Site	COMAH Lower Tier Operator

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

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

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	3
----------------------------	----------

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 37**

ID	Location	Details	
D	248m NE	Application reference number: No Details Application status: Approved Application date: No Details Address: Associated British Ports Ltd, West Way Road, Alexandra Dock, South Dock, Newport, Wales, NP20 2NQ	Details: No Details Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
4	354m NE	Application reference number: No Details Application status: Approved Application date: No Details Address: Mole Valley Forage Services Ltd, 8 Shed, North Side, South Dock, Alexandra Road, Newport, Gwent, Wales, NP20 2NQ	Details: No Details Enforcement: No Details Date of enforcement: No Details Comment: No Details

ID	Location	Details	
F	429m N	Application reference number: 96/0240/HSC Application status: Historical Consent Application date: 19/03/1996 Address: Alexandra Dock, Westway Road, Newport, South Wales, NP18 2HJ	Details: Erection of building for storage and blending of fertilisers including hazardous substances (ammonium nitrate). Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0
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Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m	17
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Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Details	
G	455m NE	Operator: SIMS GROUP U K LTD Installation Name: SIMS GROUP U K LTD Process: - Permit Number: CP3795FY Original Permit Number: 30312	EPR Reference: - Issue Date: 29/03/2017 Effective Date: 29/03/2017 Last date noted as effective: 30/01/2020 Status: EFFECTIVE
G	455m NE	Operator: SIMS GROUP U K LTD Installation Name: SIMS GROUP U K LTD Process: - Permit Number: CP3795FY Original Permit Number: -	EPR Reference: - Issue Date: 29/03/2017 Effective Date: 29/03/2017 Last date noted as effective: 01/04/2017 Status: ISSUED
G	455m NE	Operator: SIMS GROUP U K LTD Installation Name: SIMS GROUP U K LTD Process: - Permit Number: CP3795FY Original Permit Number: -	EPR Reference: - Issue Date: 18/05/2016 Effective Date: 18/05/2016 Last date noted as effective: 01/04/2017 Status: ISSUED

ID	Location	Details	
G	455m NE	Operator: SIMS GROUP U K LTD Installation Name: SIMS GROUP U K LTD Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OR NON-HAZARDOUS WASTE WITH A CAPACIT... Permit Number: CP3795FY Original Permit Number: 30312	EPR Reference: - Issue Date: 29/03/2017 Effective Date: 29/03/2017 Last date noted as effective: 30/01/2020 Status: EFFECTIVE
G	455m NE	Operator: SIMS GROUP U K LTD Installation Name: SIMS GROUP U K LTD Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OR NON-HAZARDOUS WASTE WITH A CAPACIT... Permit Number: CP3795FY Original Permit Number: 30312	EPR Reference: - Issue Date: 29/03/2017 Effective Date: 29/03/2017 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
G	455m NE	Operator: SIMS GROUP U K LTD Installation Name: SIMS GROUP U K LTD Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OR NON-HAZARDOUS WASTE WITH A CAPACIT... Permit Number: CP3795FY Original Permit Number: 30312	EPR Reference: - Issue Date: 29/03/2017 Effective Date: 29/03/2017 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL - AREA 2 Process: COMBUSTION; ANY FUEL =>50MW Permit Number: DP3733BK Original Permit Number: DP3733BK	EPR Reference: - Issue Date: 14/10/2005 Effective Date: 14/10/2005 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL - AREA 2 Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: DP3733BK Original Permit Number: DP3733BK	EPR Reference: - Issue Date: 14/10/2005 Effective Date: 14/10/2005 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL EPR/DP3733BK Process: COMBUSTION; ANY FUEL =>50MW Permit Number: HP3036GT Original Permit Number: DP3733BK	EPR Reference: - Issue Date: 12/06/2009 Effective Date: 12/06/2009 Last date noted as effective: 17/11/2015 Status: EFFECTIVE
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL EPR/DP3733BK Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: HP3036GT Original Permit Number: DP3733BK	EPR Reference: - Issue Date: 12/06/2009 Effective Date: 12/06/2009 Last date noted as effective: 17/11/2015 Status: EFFECTIVE

ID	Location	Details	
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL - AREA 2 Process: COMBUSTION; ANY FUEL =>50MW Permit Number: MP3730MJ Original Permit Number: DP3733BK	EPR Reference: - Issue Date: 10/05/2007 Effective Date: 10/05/2007 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL - AREA 2 Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: MP3730MJ Original Permit Number: DP3733BK	EPR Reference: - Issue Date: 10/05/2007 Effective Date: 10/05/2007 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL Process: - Permit Number: DP3733BK Original Permit Number: -	EPR Reference: - Issue Date: 18/07/2016 Effective Date: 18/07/2016 Last date noted as effective: 01/04/2017 Status: ISSUED
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL Process: THE DISPOSAL OF WASTE IN A LANDFILL RECEIVING MORE THAN 10 TONNES OF WASTE IN AN... Permit Number: DP3733BK Original Permit Number: HP3036GT	EPR Reference: - Issue Date: 18/07/2016 Effective Date: 18/07/2016 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL Process: THE DISPOSAL OF WASTE IN A LANDFILL RECEIVING MORE THAN 10 TONNES OF WASTE IN AN... Permit Number: DP3733BK Original Permit Number: HP3036GT	EPR Reference: - Issue Date: 18/07/2016 Effective Date: 18/07/2016 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL Process: THE DISPOSAL OF WASTE IN A LANDFILL RECEIVING MORE THAN 10 TONNES OF WASTE IN AN... Permit Number: DP3733BK Original Permit Number: HP3036GT	EPR Reference: - Issue Date: 18/07/2016 Effective Date: 18/07/2016 Last date noted as effective: 30/01/2020 Status: EFFECTIVE
H	477m W	Operator: NEWPORT CITY COUNCIL Installation Name: DOCKSWAY LANDFILL Process: BURNING ANY FUEL IN AN APPLIANCE Permit Number: DP3733BK Original Permit Number: HP3036GT	EPR Reference: - Issue Date: 18/07/2016 Effective Date: 18/07/2016 Last date noted as effective: 30/01/2020 Status: EFFECTIVE

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



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

Records within 500m

3

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 37**

ID	Location	Address	Details	
F	477m N	Platinum Products, Platinum Products, Isca Works, Mill Parade, Newport, NP20 2JQ	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
F	477m N	Wright Minimix, 18 West Way Road, Alexandra Docks, Newport, South Wales, NP20 2WD	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
9	497m NE	Pipeline and Metal Coatings, Atlantic Sheds, Alexandra Docks, Newport, South Wales, NP20 2NQ	Process: Coating Processes Status: Revoked Permit Type: Part A2 & B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

0

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m

14

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 37**

ID	Location	Address	Details	
A	162m W	FINNFOREST BBH LTD NEWPORT, FINNFOREST BBH LTD, ALEXANDRA DOCK, NEWPORT, SOUTH WALES, NP20 2WA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: AN0397001 Permit Version: 1 Receiving Water: THE RIVER EBBW	Status: Effective Issue date: 15/06/2006 Effective Date: 15/06/2006 Revocation Date: -
A	163m W	IAWS FERTILISERS SOUTH DOCK NEWPORT, IAWS FERTILISERS (UK) LTD, NORTH SIDE, SOUTH DOCK, ALEXANDRA DOCKS NEWPORT, NP20 2NP	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: AN0389201 Permit Version: 1 Receiving Water: THE RIVER EBBW	Status: Effective Issue date: 21/10/2005 Effective Date: 21/10/2005 Revocation Date: -
A	163m W	ABP BULK CARGO NORTH SIDE SOUTH, ABP BULK CARGO, NORTH SIDE SOUTH DOCK, ALEXANDRA DOCK, Newport, NP20 2UW	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: AN0395201 Permit Version: 1 Receiving Water: THE RIVER EBBW	Status: Effective Issue date: 02/03/2006 Effective Date: 02/03/2006 Revocation Date: -
B	190m NW	PREMISES AT NEWPORT DOCKS ,	Effluent Type: - Permit Number: AN0033343 Permit Version: 2 Receiving Water: River Ebbw	Status: Effective Issue date: 03/11/1992 Effective Date: 03/02/1993 Revocation Date: -
C	201m SE	NEWPORT DOCKS ,	Effluent Type: UNSPECIFIED Permit Number: AN0033301 Permit Version: 1 Receiving Water: SEVERN ESTUARY	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 10/09/1987 Effective Date: 10/09/1987 Revocation Date: 06/03/1995
C	204m SE	PREMISES AT NEWPORT DOCKS, NEWPORT, Gwent, WALES, NP20 2NP	Effluent Type: - Permit Number: AN0033302 Permit Version: 2 Receiving Water: SOUTH DOCK	Status: Effective Issue date: 03/11/1992 Effective Date: 03/02/1993 Revocation Date: -
C	204m SE	PREMISES AT NEWPORT DOCKS, NEWPORT, GWENT, WALES, NP20 2NP	Effluent Type: UNSPECIFIED Permit Number: AN0033302 Permit Version: 2 Receiving Water: SOUTH DOCK	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 03/11/1992 Effective Date: 03/02/1993 Revocation Date: -
B	214m NW	PREMISES AT PORT OF NEWPORT ,	Effluent Type: - Permit Number: AB0055401 Permit Version: 2 Receiving Water: River Ebbw	Status: Effective Issue date: 14/06/1994 Effective Date: 14/06/1994 Revocation Date: -
E	391m E	PREMISES AT NEWPORT DOCKS, NEWPORT, Gwent, WALES, NP20 2NP	Effluent Type: - Permit Number: AN0033303 Permit Version: 2 Receiving Water: SOUTH DOCK	Status: Effective Issue date: 03/11/1992 Effective Date: 03/02/1993 Revocation Date: -



ID	Location	Address	Details	
E	391m E	PREMISES AT NEWPORT DOCKS, NEWPRT, GWENT, WALES, NP20 2NP	Effluent Type: UNSPECIFIED Permit Number: AN0033303 Permit Version: 2 Receiving Water: SOUTH DOCK	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 03/11/1992 Effective Date: 03/02/1993 Revocation Date: -
E	401m E	METAL RECYCLING SITE SIMS GROUP UK, METAL RECYCLING SITE, SIMS GROUP UK LTD, NORTH SIDE SOUTH DOCK, ALEXANDRA DOCKS, NP20 2WE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: AN0364401 Permit Version: 1 Receiving Water: NORTH SIDE SOUTH DOCK	Status: Effective Issue date: 12/06/2004 Effective Date: 12/06/2004 Revocation Date: -
5	424m NW	MAESGLAS WASTE DISPOSAL SITE, NEWPORT	Effluent Type: WASTE SITE - UNSPECIFIED Permit Number: AC0130701 Permit Version: 1 Receiving Water: RIVER EBBW	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 25/06/1981 Effective Date: 25/06/1981 Revocation Date: 21/10/1993
7	467m NW	NEWPORT DOCKS	Effluent Type: UNSPECIFIED Permit Number: AN0033350 Permit Version: 1 Receiving Water: SEVERN ESTUARY	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 10/09/1987 Effective Date: 10/09/1987 Revocation Date: 19/04/1993
8	495m SE	NEWPORT DOCKS ,	Effluent Type: UNSPECIFIED Permit Number: AN0033342 Permit Version: 1 Receiving Water: SEVERN ESTUARY	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 10/09/1987 Effective Date: 10/09/1987 Revocation Date: 06/03/1995

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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



4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

1

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 37**

ID	Location	Details	
6	466m NE	Incident Date: 13/08/2013 Incident Identification: 1147049 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m**0**

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

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

4.20 Pollution inventory waste transfers

Records within 500m**0**

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

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

4.21 Pollution inventory radioactive waste

Records within 500m**0**

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

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

5 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

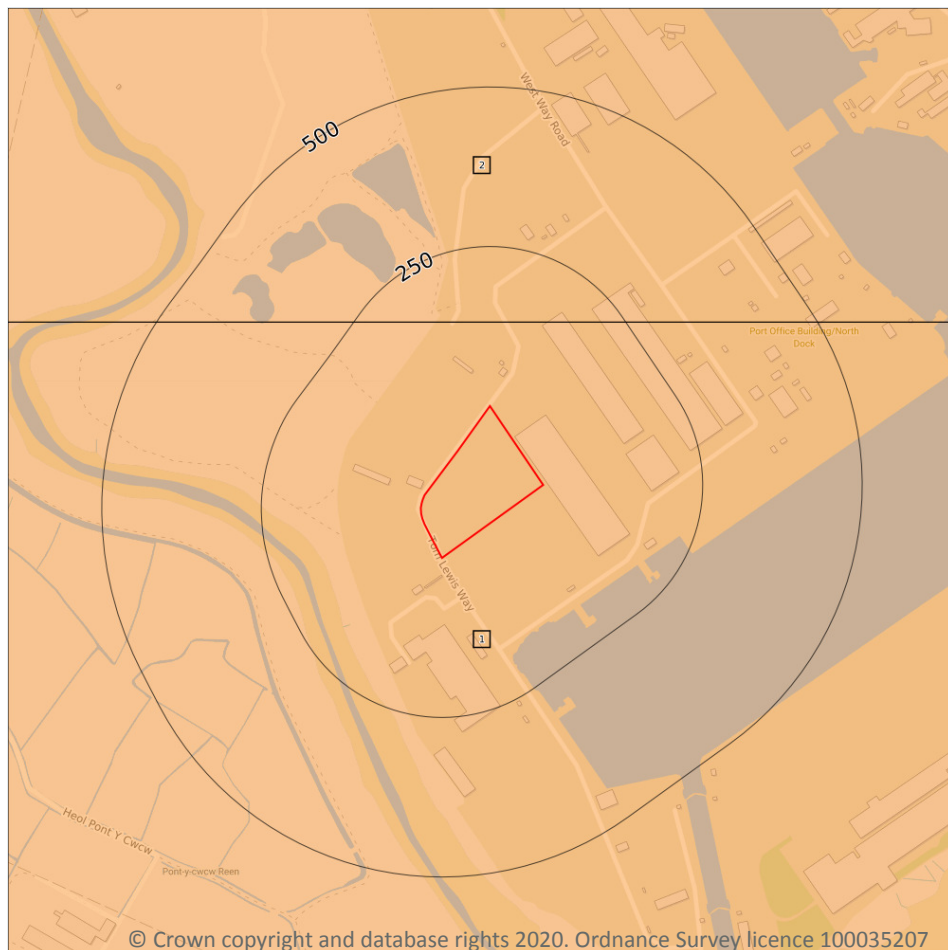
Features are displayed on the Hydrogeology map on **page 48**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	132m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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



Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

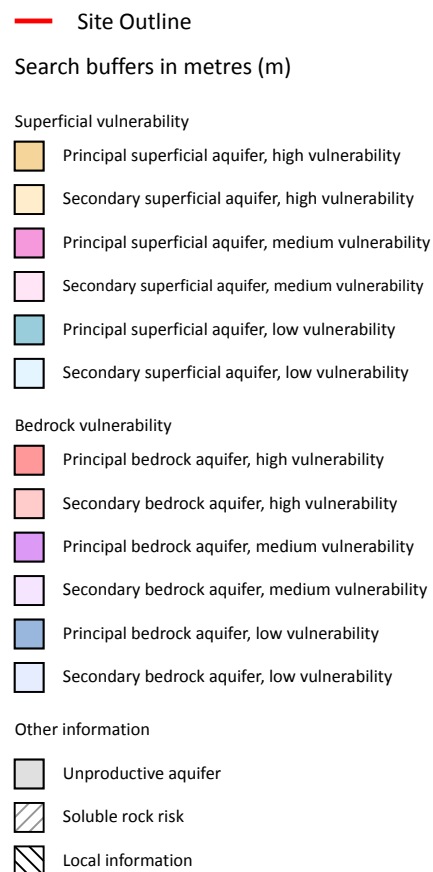
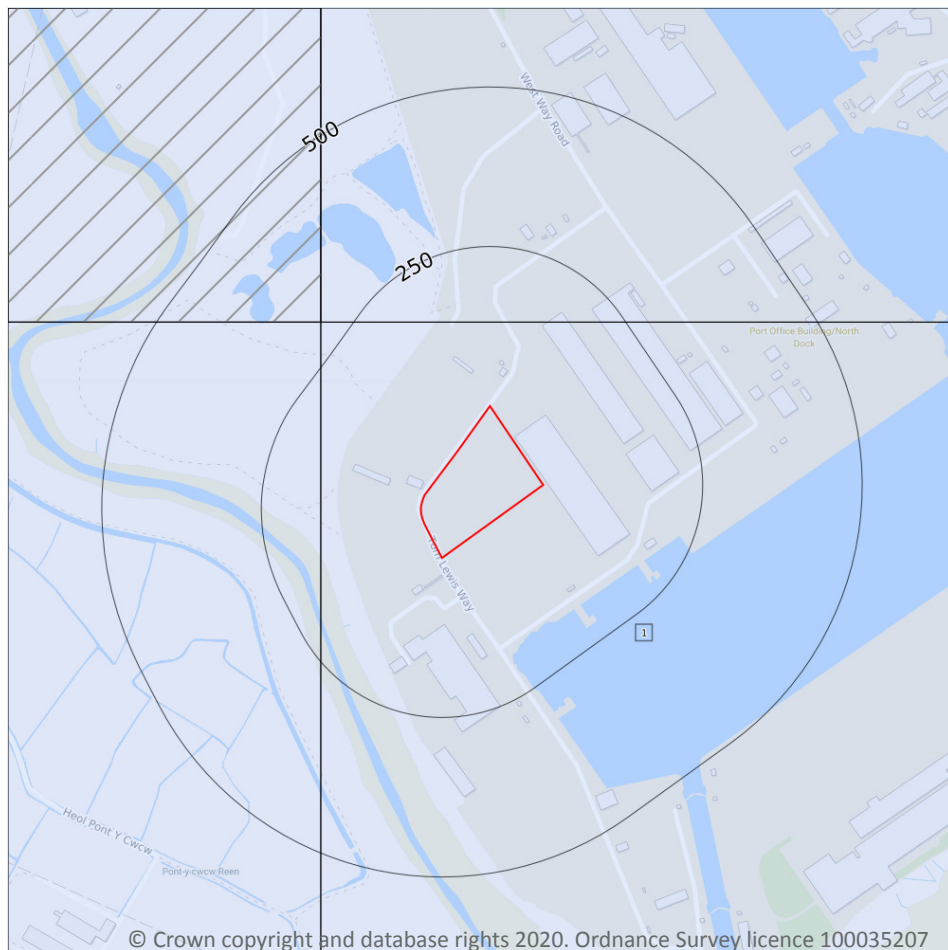
Features are displayed on the Bedrock aquifer map on **page 49**

ID	Location	Designation	Description
1	On site	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
2	132m 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

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

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

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

Features are displayed on the Groundwater vulnerability map on **page 51**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary 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	0
------------------------	----------

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

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

5.5 Groundwater vulnerability- local information

Records on site	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



- 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

0

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.

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

5.7 Surface water abstractions

Records within 2000m

1

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 53**

ID	Location	Details	
-	1316m N	Status: Historical Licence No: 20/56/11/0013 Details: General use relating to Secondary Category (Medium Loss) Direct Source: EAW Surface Water Point: DOCK FEEDER AT PILLGWENLLY TO WHITEHEAD Data Type: Point Name: Corus UK Ltd Easting: 330800 Northing: 186100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 22/10/1973 Expiry Date: - Issue No: 102 Version Start Date: 17/04/2000 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

0

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

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

5.9 Source Protection Zones

Records within 500m

0

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

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

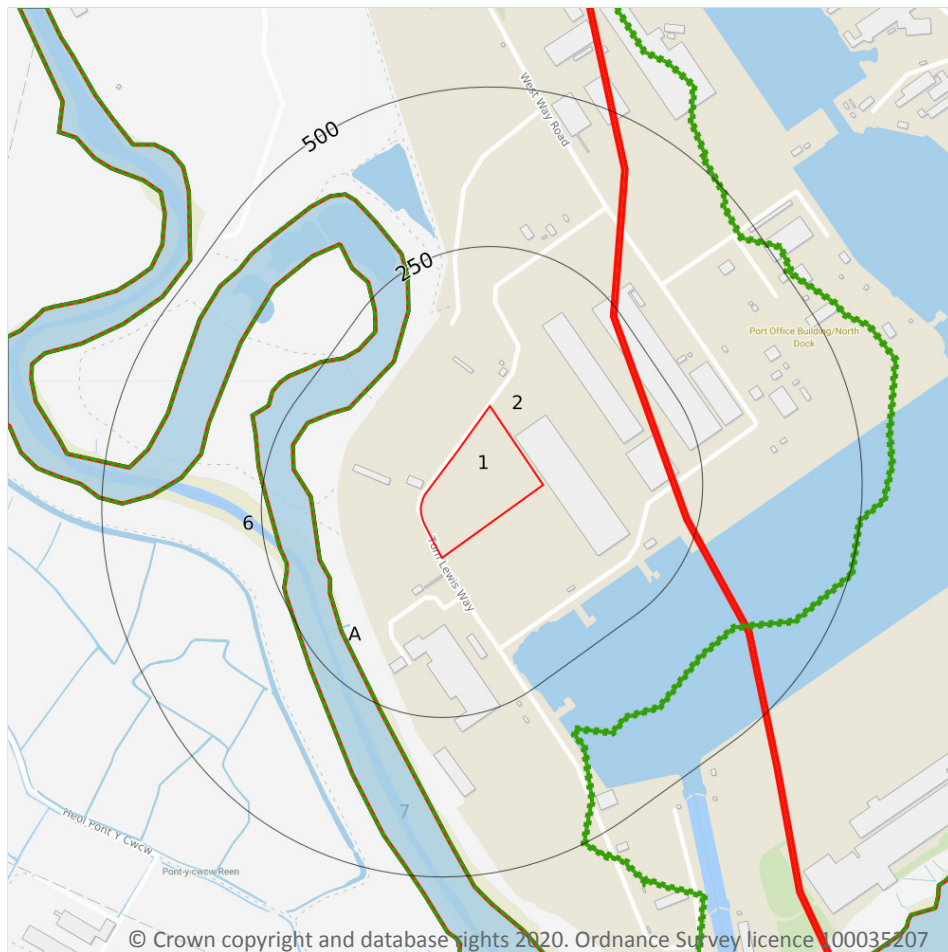
0

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

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



6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

5

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 56**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	178m SW	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
A	189m SW	Foreshore. Watercourse flows over the foreshore between mean high water and mean low water.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
6	201m SW	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Ebwy
A	215m SW	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	218m SW	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Ebwy

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

2

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

Features are displayed on the Hydrology map on **page 56**

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 56**

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	142	Ebbw Sirhowy	South East Valleys

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.

Features are displayed on the Hydrology map on **page 56**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
3	160m NW	Transitional	USK	GB530905415404	Moderate	Good	Moderate	2016

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

6.5 WFD Groundwater bodies

Records on site

1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place.

Features are displayed on the Hydrology map on **page 56**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	SE Valleys Southern Devonian Old Red Sandstone & Triassic Mercia Mudstone	GB40902G201500	Good	Good	Good	2016

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



7 River and coastal flooding

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; 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).

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

7.2 Historical Flood Events

Records within 250m

0

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

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

7.3 Flood Defences

Records within 250m

0

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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

7.5 Flood Storage Areas

Records within 250m

0

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

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



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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

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

7.7 Flood Zone 3

Records within 50m

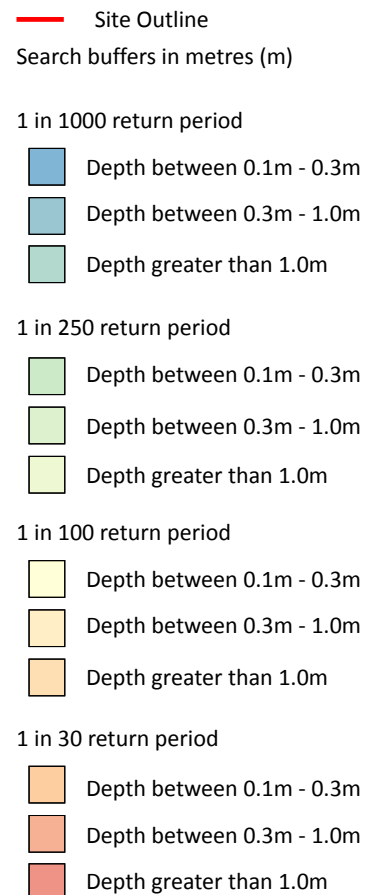
0

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

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on **page 62**

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 0.3m and 1.0m
1 in 250 year	Between 0.1m and 0.3m
1 in 100 year	Between 0.1m and 0.3m
1 in 30 year	Between 0.1m and 0.3m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

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

9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

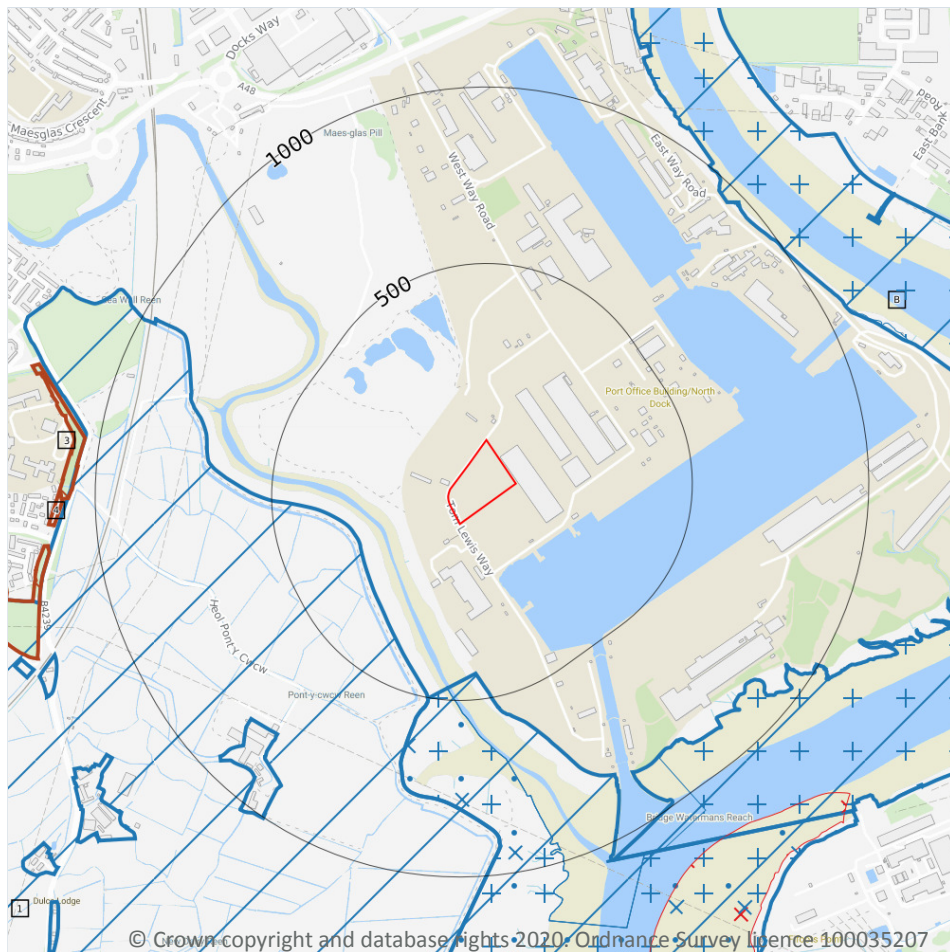
Moderate

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

Features are displayed on the Groundwater flooding map on **page 64**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- X Conserved wetland sites (Ramsar sites)
- + Special Areas of Conservation (SAC)
- Special Protection Areas (SPA)
- X National Nature Reserves (NNR)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

4

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 65**

ID	Location	Name	Data source
1	278m W	Gwent Levels - St. Brides	Natural Resources Wales



ID	Location	Name	Data source
2	426m S	Severn Estuary	Natural Resources Wales
B	856m SE	River Usk (Lower Usk)/afon Wysg (Wysg Isaf)	Natural Resources Wales
-	1773m SE	Gwlyptiroedd Casnewedd / Newport Wetlands	Natural Resources Wales

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on **page 65**



ID	Location	Site	Details
A	466m S	Name: Severn Estuary (Wales) Site status: - Data source: Natural Resources Wales	<p>Overview: The estuary's classic funnel shape, unique in Britain, is a factor causing the Severn to have the second-largest tidal range in the world (after the Bay of Fundy, Canada). This tidal regime results in plant and animal communities typical of the extreme physical conditions of liquid mud and tide swept sand and rock. The species-poor invertebrate community includes high densities of ragworms, lugworms and other invertebrates forming an important food source for passage and wintering waders. A further consequence of the large tidal range is the extensive intertidal zone, one of the largest in the UK, comprising mudflats, sand banks, shingle, and rocky platforms. Glassworts and annual sea-blite colonise the open mud, with beds of all three species of eelgrass <i>Zostera</i> occurring on more sheltered mud and sandbanks. Large expanses of common cord-grass also occur on the outer marshes. Heavily grazed saltmarsh fringes the estuary with a range of saltmarsh types present. The middle marsh sward is dominated by common saltmarsh-grass with typical associated species. In the upper marsh, red fescue and saltmarsh rush become more prominent.</p> <p>Ramsar criteria: Ramsar criterion 1 Due to immense tidal range (second-largest in world), this affects both the physical environment and biological communities. Habitats Directive Annex I features present on the pSAC include: H1110 Sandbanks which are slightly covered by sea water all the time H1130 Estuaries H1140 Mudflats and sandflats not covered by seawater at low tide H1330 Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>)</p> <p>Ramsar criterion 3 Due to unusual estuarine communities, reduced diversity and high productivity.</p> <p>Ramsar criterion 4 This site is important for the run of migratory fish between sea and river via estuary. Species include Salmon <i>Salmo salar</i>, sea trout <i>S. trutta</i>, sea lamprey <i>Petromyzon marinus</i>, river lamprey <i>Lampetra fluviatilis</i>, allis shad <i>Alosa alosa</i>, twaite shad <i>A. fallax</i>, and eel <i>Anguilla anguilla</i>. It is also of particular importance for migratory birds during spring and autumn. Ramsar criterion 8</p> <p>The fish of the whole estuarine and river system is one of the most diverse in Britain, with over 110 species recorded. Salmon <i>Salmo salar</i>, sea trout <i>S. trutta</i>, sea lamprey <i>Petromyzon marinus</i>, river lamprey <i>Lampetra fluviatilis</i>, allis shad <i>Alosa alosa</i>, twaite shad <i>A. fallax</i>, and eel <i>Anguilla anguilla</i> use the Severn Estuary as a key migration route to their spawning grounds in the many tributaries that flow into the estuary. The site is important as a feeding and nursery ground for many fish species particularly allis shad <i>Alosa alosa</i> and twaite shad <i>A. fallax</i> which feed on mysid shrimps in the salt wedge.</p>

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



10.3 Special Areas of Conservation (SAC)

Records within 2000m

2

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

Features are displayed on the Environmental designations map on **page 65**

ID	Location	Name	Features of interest	Habitat description	Data source
A	467m S	Severn Estuary (Wales)	Subtidal sandbanks; Estuaries; Intertidal mudflats and sandflats; Reefs; Glasswort and other annuals colonising mud and sand; Cord-grass swards; Atlantic salt meadows; Shifting dunes; Sea lamprey; River lamprey; Allis shad; Twaite shad.	Salt marshes, Salt pastures, Salt steppes; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins)	Natural Resources Wales
B	857m SE	River Usk / Afon Wysg	Estuaries; Intertidal mudflats and sandflats; Atlantic salt meadows; Rivers with floating vegetation often dominated by water-crowfoot; Beech forests on neutral to rich soils; Mixed woodland on base-rich soils associated with rocky slopes; Western acidic oak woodland; Bog woodland; Alder woodland on floodplains; Sea lamprey; Brook lamprey; River lamprey; Allis shad; Twaite shad; Atlantic salmon; Bullhead; Freshwater pearl mussel; White-clawed (or Atlantic stream) crayfish; Lesser horseshoe bat; Otter.	Improved grassland; Dry grassland, Steppes; Inland water bodies (Standing water, Running water); Broad-leaved deciduous woodland; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Bogs, Marshes, Water fringed vegetation, Fens; Heath, Scrub, Maquis and Garrigue, Phygrana; Humid grassland, Mesophile grassland	Natural Resources Wales

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

10.4 Special Protection Areas (SPA)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on **page 65**



ID	Location	Name	Species of interest	Habitat description	Data source
A	467m S	Severn Estuary (Wales)	Tundra swan; Dunlin; Gadwall; Common redshank; Common shelduck; Greater white-fronted goose	Coastal sand dunes, Sand beaches, Machair; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Improved grassland; Salt marshes, Salt pastures, Salt steppes	

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

10.5 National Nature Reserves (NNR)

Records within 2000m	1
-----------------------------	----------

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.

Features are displayed on the Environmental designations map on **page 65**

ID	Location	Name	Data source
6	1157m SE	NEWPORT WETLANDS	Natural Resources Wales

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

10.6 Local Nature Reserves (LNR)

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

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

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

10.7 Designated Ancient Woodland

Records within 2000m	7
-----------------------------	----------

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.

Features are displayed on the Environmental designations map on **page 65**

ID	Location	Name	Woodland Type
3	1042m W	Unknown	Restored Ancient Woodland Site
4	1094m W	Unknown	Ancient Woodland Site of Unknown Category
5	1140m W	Unknown	Restored Ancient Woodland Site
-	1569m NW	Unknown	Restored Ancient Woodland Site
-	1615m W	Unknown	Ancient Semi Natural Woodland
-	1749m NW	Unknown	Ancient Semi Natural Woodland
-	1967m NW	Unknown	Restored Ancient Woodland Site

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

0

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

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was



closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

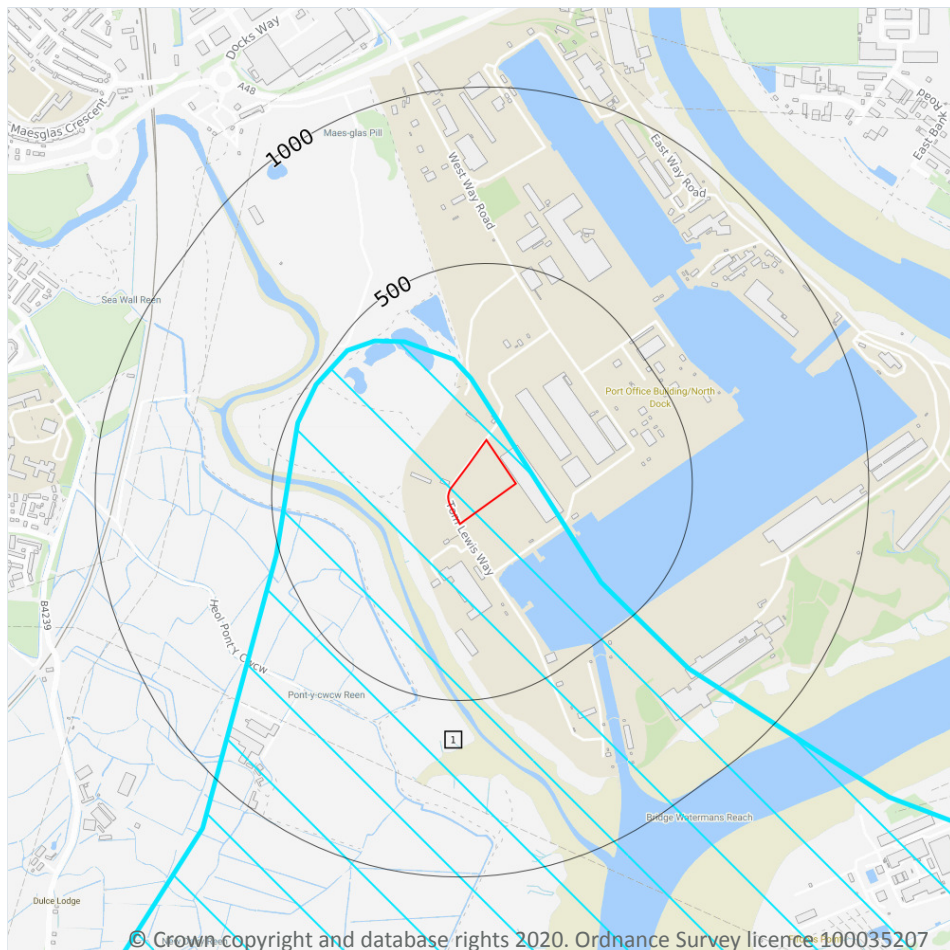
0

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

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



SSSI Impact Zones and Units



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

10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 73**

ID	Location	Type of developments requiring consultation
1	On site	<p>All applications - All Planning Applications (Except Householder) Outside Or Extending Outside Existing Settlements/urban Areas Affecting Greenspace, Farmland, Semi Natural Habitats Or Landscape Features Such As Trees, Hedges, Streams, Rural Buildings/structures.</p> <p>Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha.</p> <p>Residential - Residential development of 10 units or more.</p> <p>Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units.</p> <p>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

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



11 Visual and cultural designations

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 English Heritage, 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 English Heritage, 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 English Heritage, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

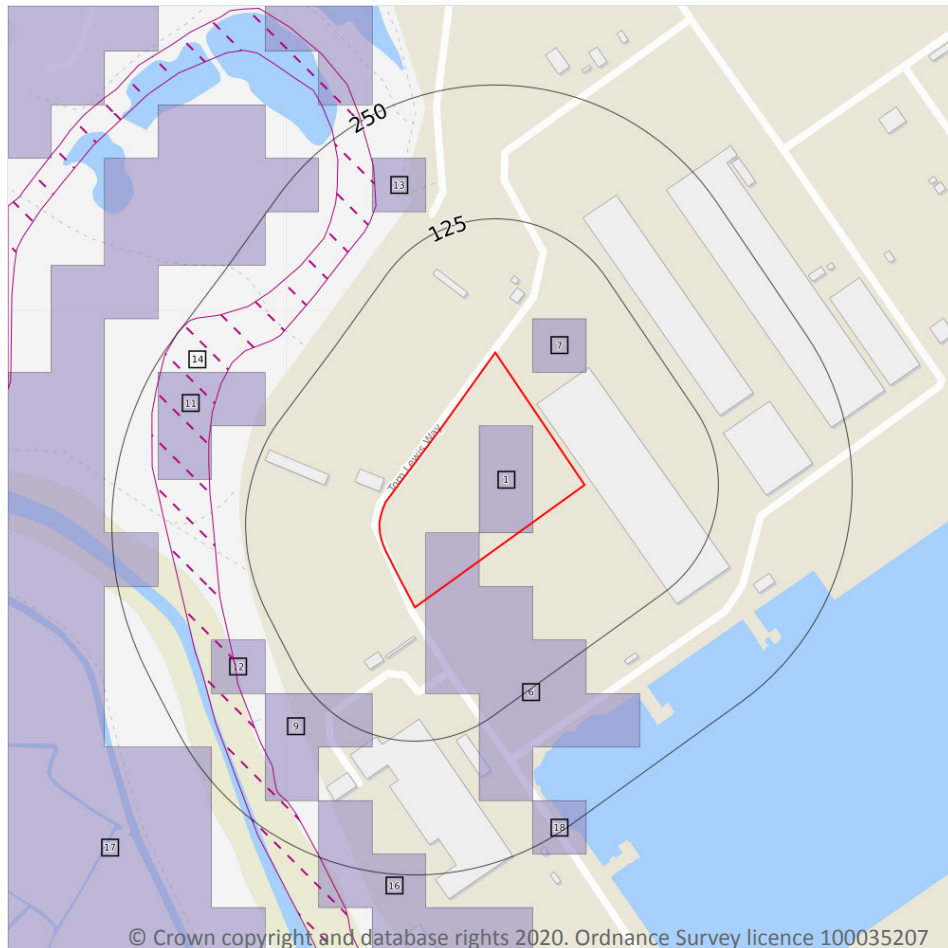
Records within 250m

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 English Heritage, 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 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Timber felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

10

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 77**

ID	Location	Classification	Description
1	On site	Grade 4	Poor quality agricultural land
6	On site	Grade 4	Poor quality agricultural land
7	19m NE	Grade 4	Poor quality agricultural land

ID	Location	Classification	Description
9	90m SW	Grade 4	Poor quality agricultural land
11	133m NW	Grade 4	Poor quality agricultural land
12	138m SW	Grade 4	Poor quality agricultural land
13	147m NW	Grade 4	Poor quality agricultural land
16	185m S	Grade 4	Poor quality agricultural land
17	207m W	Grade 4	Poor quality agricultural land
18	211m SE	Grade 4	Poor quality agricultural land

This data is sourced from Natural Resources Wales.

12.2 Open Access Land

Records within 250m

1

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.

Features are displayed on the Agricultural designations map on **page 77**

ID	Location	Name	Classification	Other relevant legislation
14	155m W	-	Open Access Other Statutory Access Land	-

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.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m

0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

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

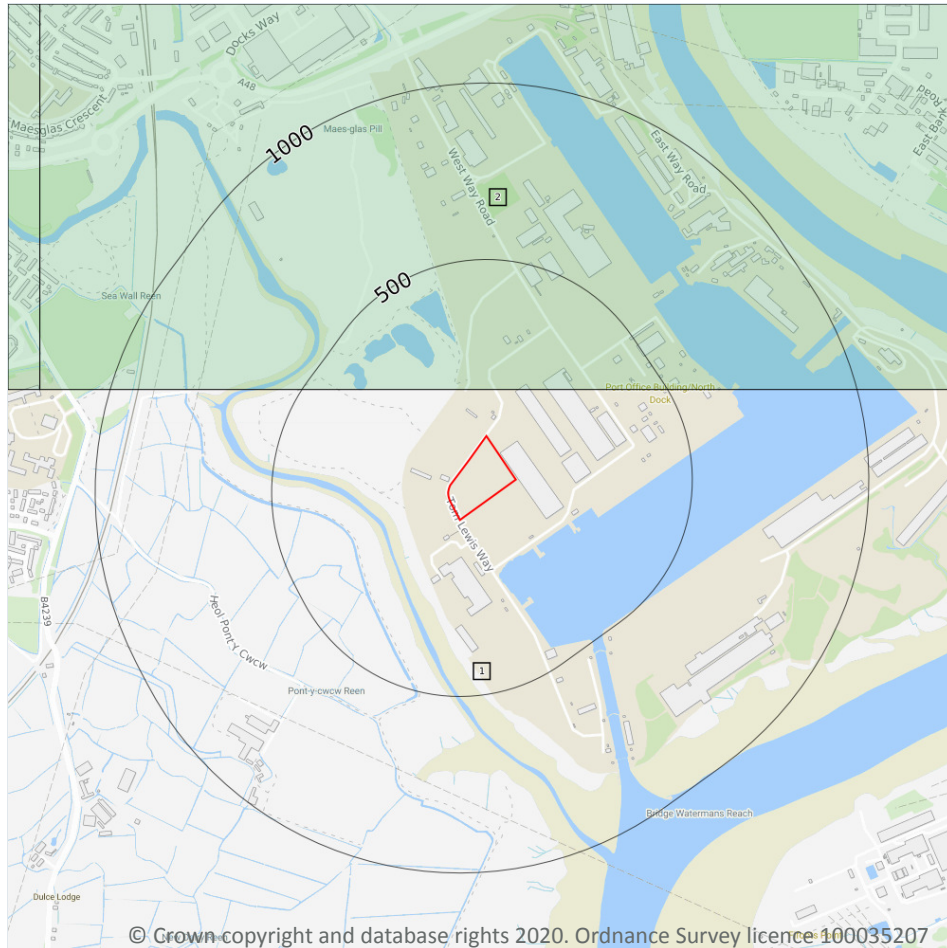
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Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable 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 81**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	No coverage	No coverage	No coverage	NoCov
2	132m N	No coverage	Full	Full	No coverage	ST38NW

This data is sourced from the British Geological Survey.



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

14.2 Artificial and made ground (10k)

Records within 500m

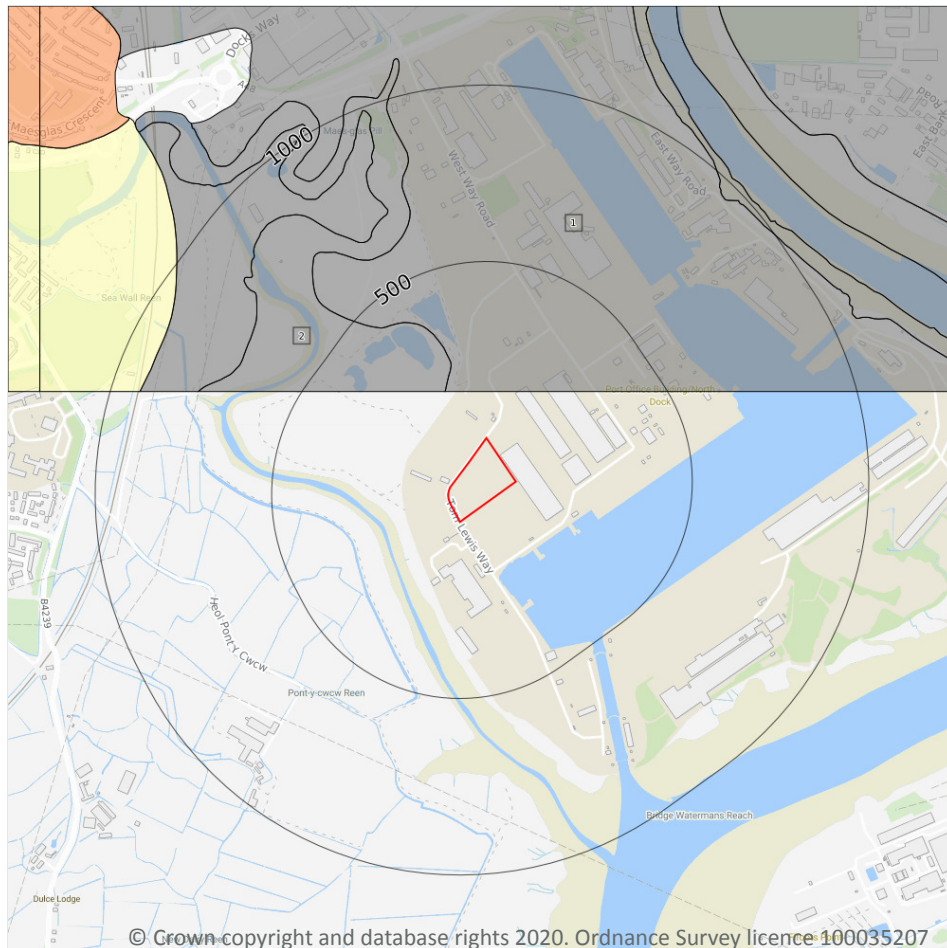
0

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.

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

2

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 83**

ID	Location	LEX Code	Description	Rock description
1	132m N	TFD-CZ	Tidal Flat Deposits - Clay, Silty (unlithified Deposits Coding Scheme)	Clay, Silty
2	176m NW	BCHD-XCSV	Beach Deposits - Clay, Sand And Gravel	Clay, Sand And Gravel

This data is sourced from the British Geological Survey.



14.4 Landslip (10k)

Records within 500m

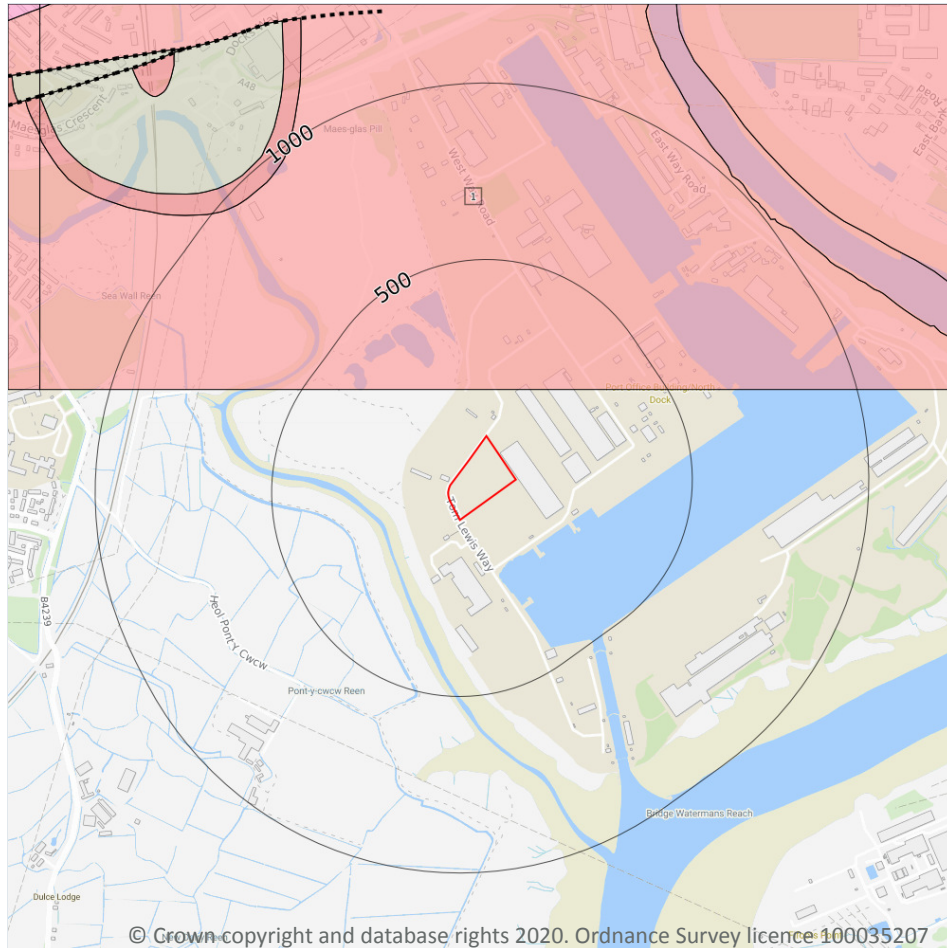
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

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

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

14.5 Bedrock geology (10k)

Records within 500m

1

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 85**

ID	Location	LEX Code	Description	Rock age
1	132m N	MMG-MDST	Mercia Mudstone Group - Mudstone	Rhaetian Age - Early Triassic Epoch

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline

Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme. Where 50k data is not available, this area has been filled in with 625k scale data.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 87**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW249_newport_v4

This data is sourced from the British Geological Survey.



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

15.2 Artificial and made ground (50k)

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

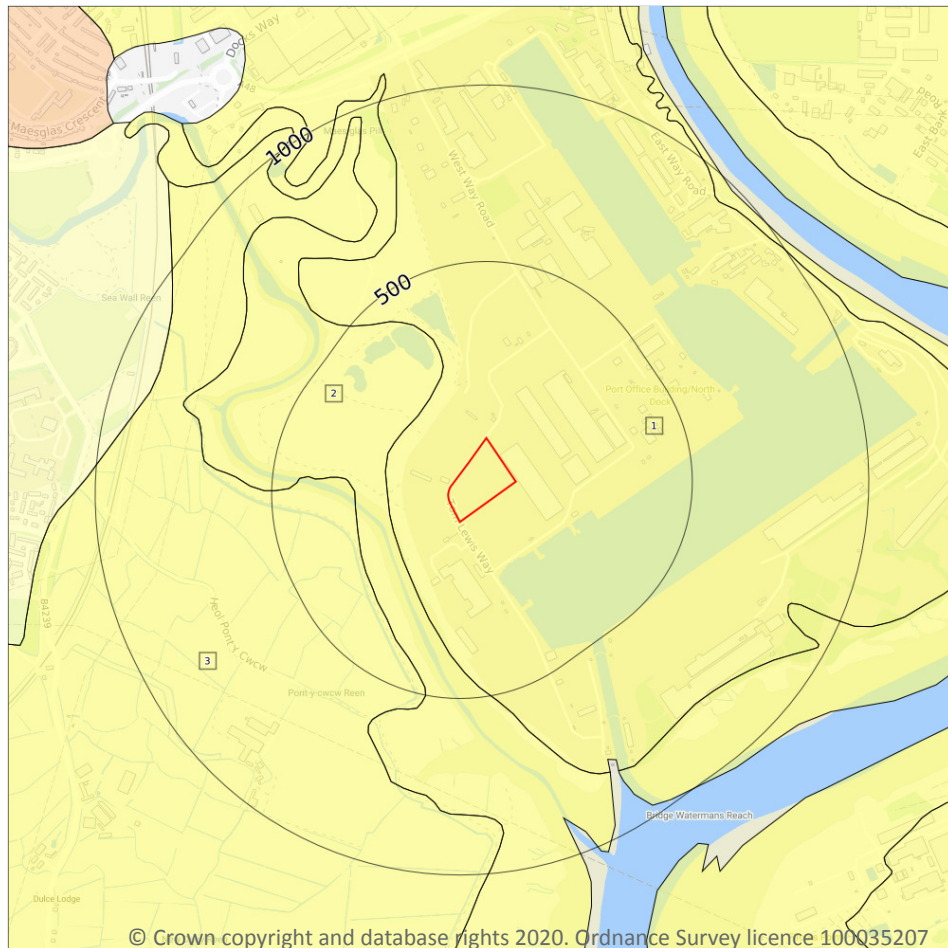
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m

3

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 89**

ID	Location	LEX Code	Description	Rock description
1	On site	TFD-XCZ	TIDAL FLAT DEPOSITS	CLAY AND SILT
2	170m W	TFD-XCZ	TIDAL FLAT DEPOSITS	CLAY AND SILT
3	264m W	TFD-XCZ	TIDAL FLAT DEPOSITS	CLAY AND SILT

This data is sourced from the British Geological Survey.



15.5 Superficial permeability (50k)

Records within 50m**1**

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

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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m**0**

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

This data is sourced from the British Geological Survey.

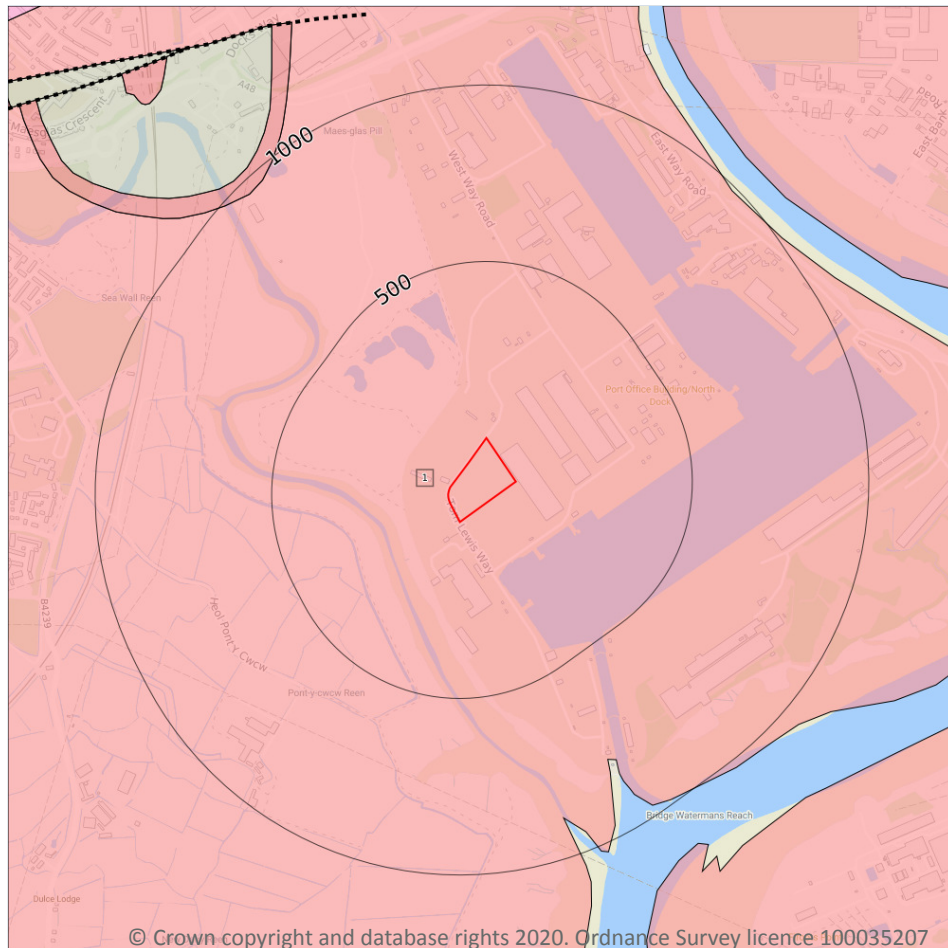
15.7 Landslip permeability (50k)

Records within 50m**0**

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

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

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

15.8 Bedrock geology (50k)

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 91**

ID	Location	LEX Code	Description	Rock age
1	On site	MMG-MDST	MERCIA MUDSTONE GROUP - MUDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

1

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Low	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



16 Boreholes

16.1 BGS Boreholes

Records within 250m

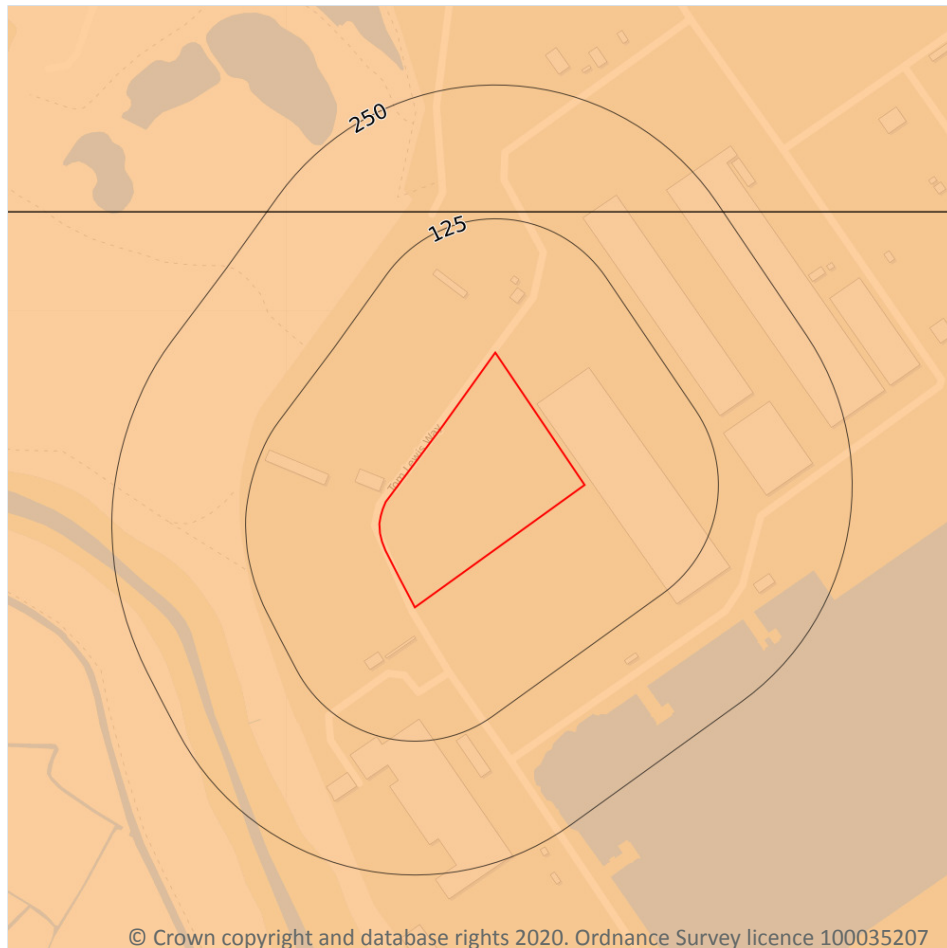
0

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.

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

1

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

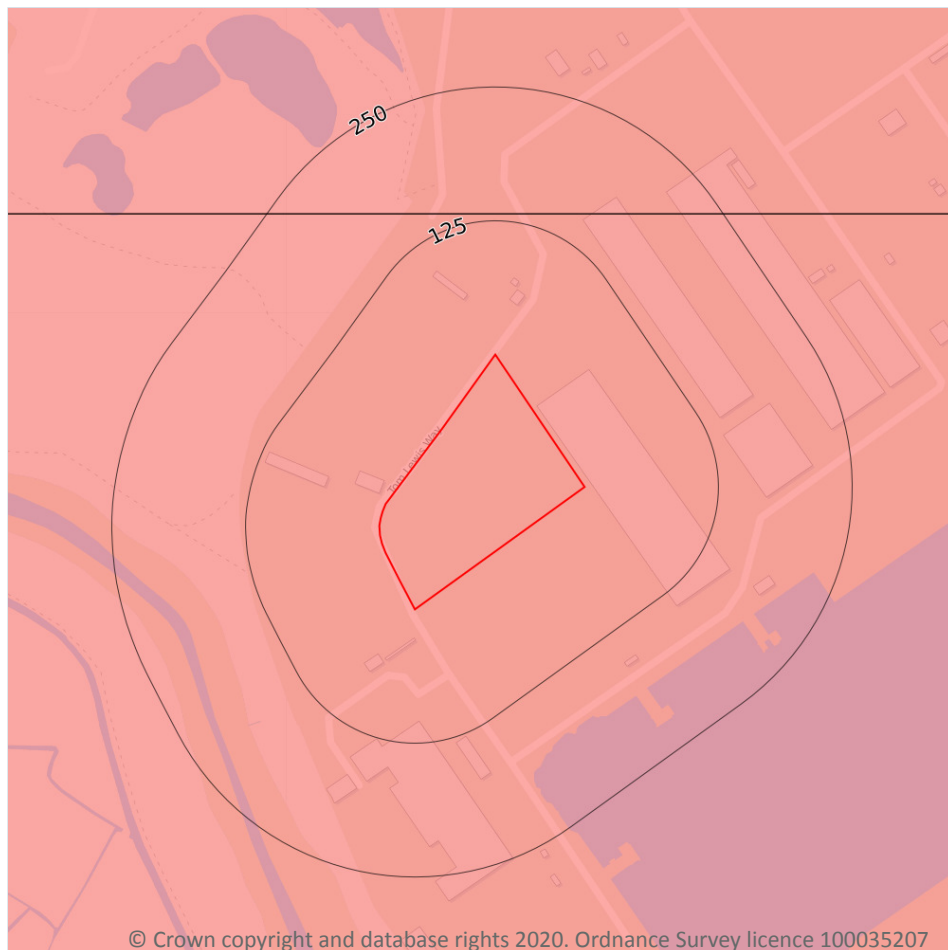
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 94**

Location	Hazard rating	Details
On site	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

1

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

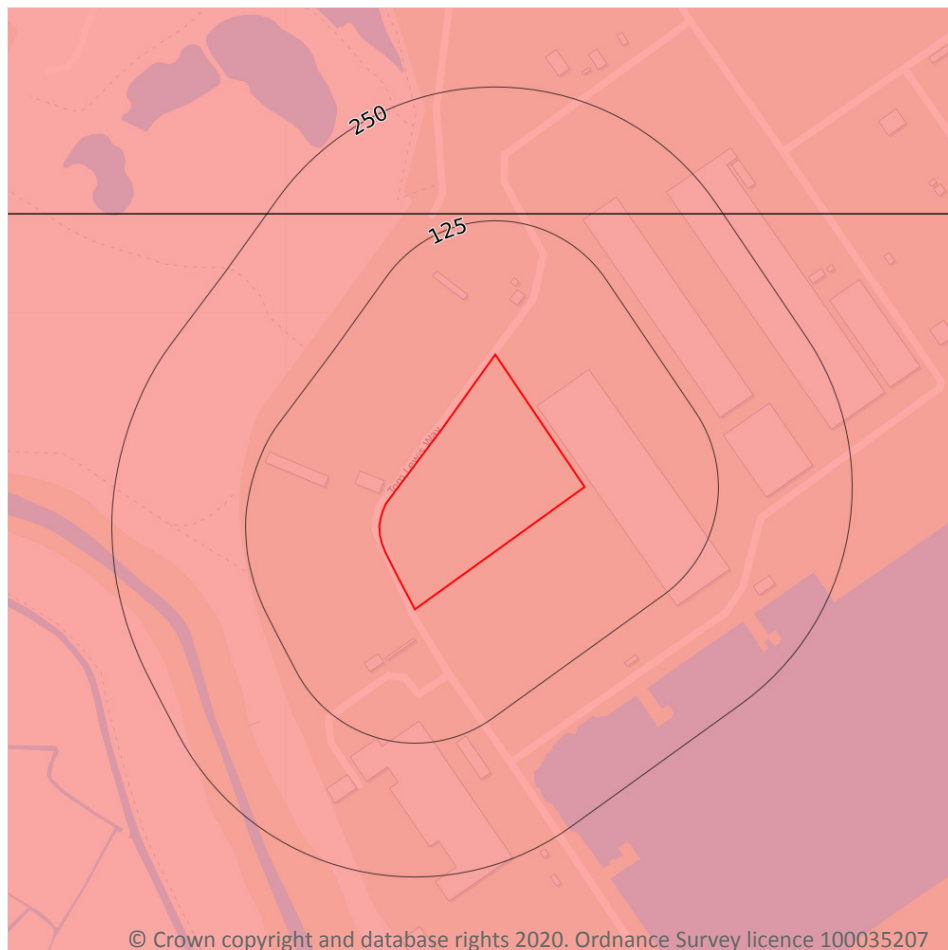
Features are displayed on the Natural ground subsidence - Running sands map on **page 95**

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.

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

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17.3 Compressible deposits

Records within 50m

1

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

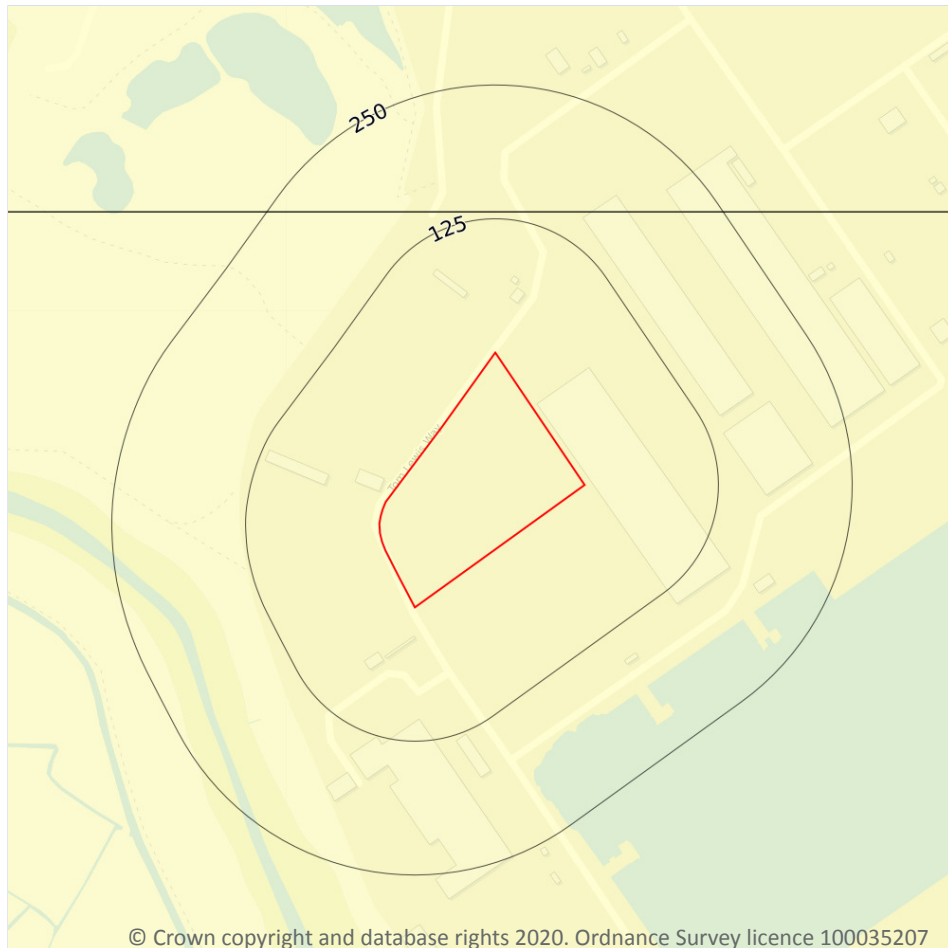
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 96**

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.

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

1

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

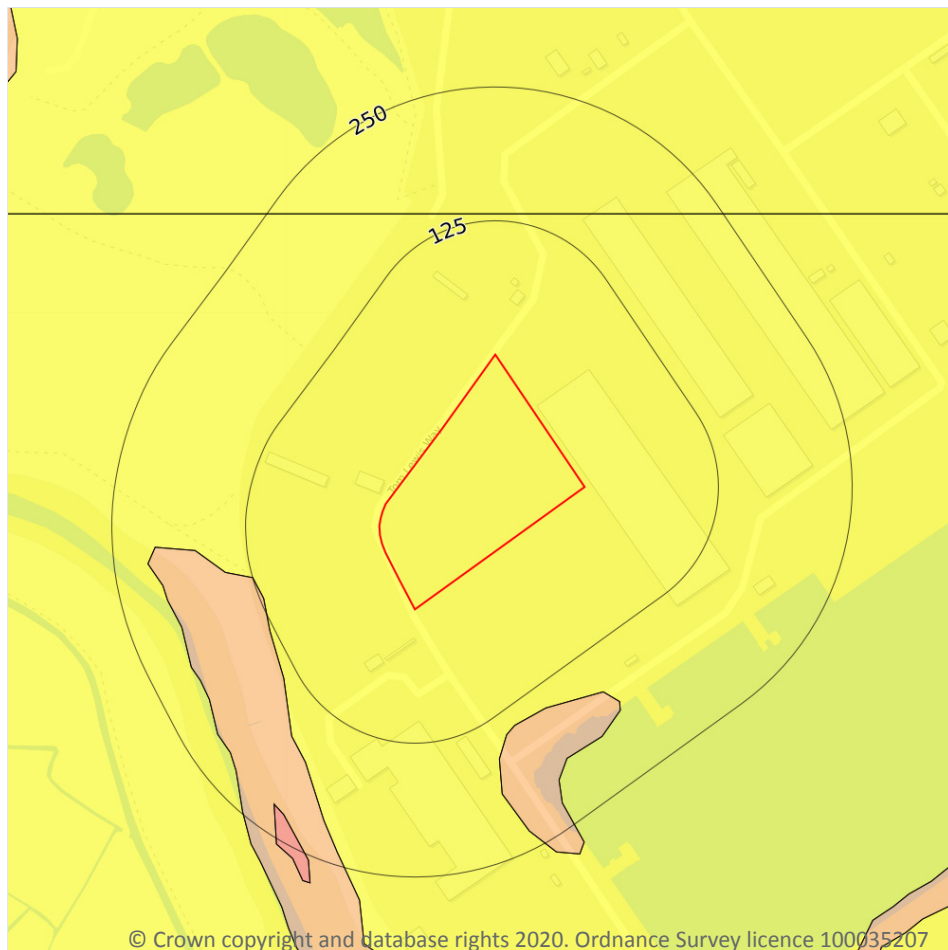
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 97**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



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

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17.5 Landslides

Records within 50m

1

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

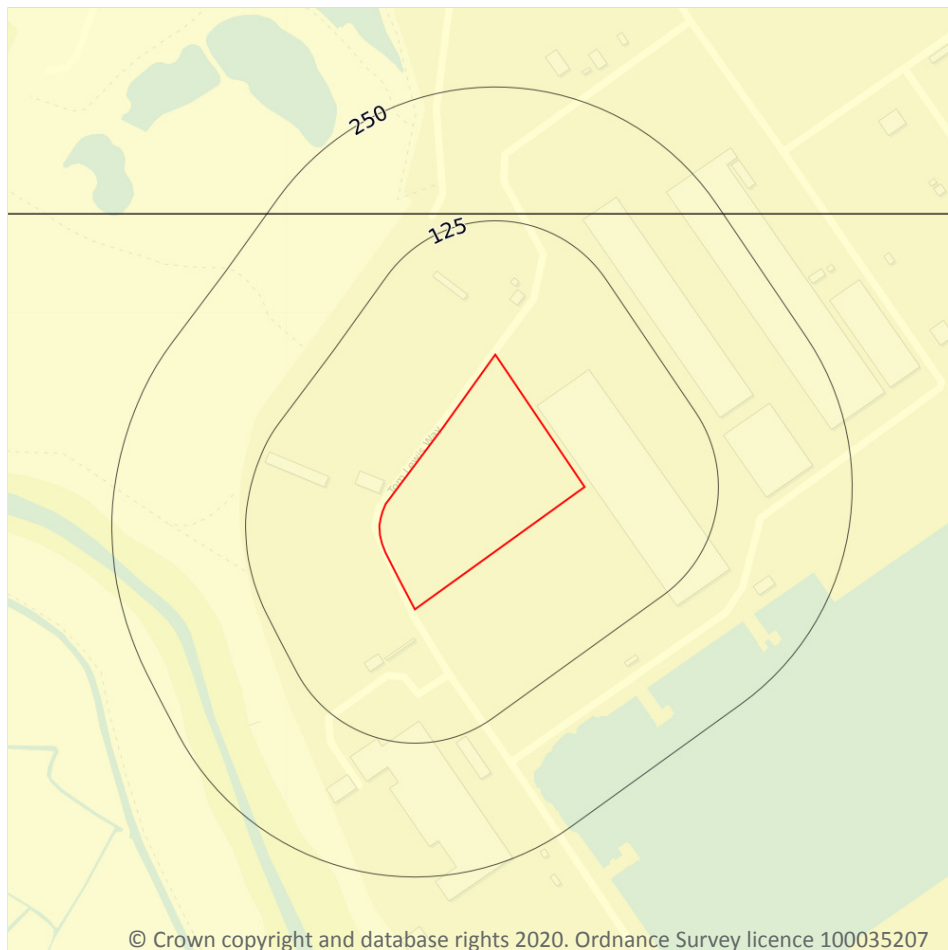
Features are displayed on the Natural ground subsidence - Landslides map on **page 98**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



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

17.6 Ground dissolution of soluble rocks

Records within 50m

1

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

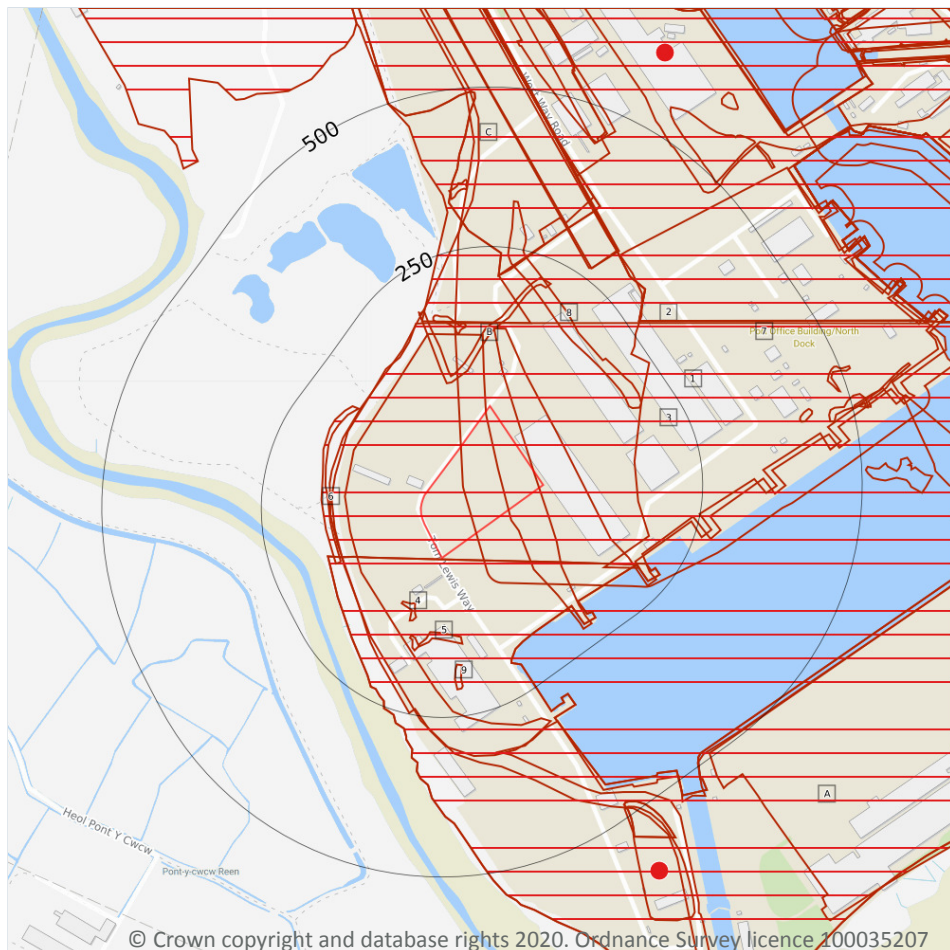
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 99**

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

This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



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

18.1 Natural cavities

Records within 500m

0

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

This data is sourced from Peter Brett Associates (PBA).

18.2 BritPits

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

16

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 100**

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Docks	1922	1:10560
2	On site	Docks	1920	1:10560
3	On site	Dock	1956	1:10560
A	2m S	Docks	1922	1:10560
A	2m S	Docks	1922	1:10560
B	65m NW	Unspecified Heap	1882	1:10560
4	82m SW	Ponds	1882	1:10560
5	117m S	Ponds	1882	1:10560
B	124m NW	Pond	1882	1:10560
C	131m N	Refuse Heap	1985	1:10000
6	142m W	Unspecified Ground Workings	1922	1:10560
7	146m E	Dock	1949	1:10560
8	164m NE	Unspecified Ground Workings	1949	1:10560
9	169m S	Ponds	1882	1:10560
C	205m N	Refuse Heap	1981	1:10000
C	205m N	Refuse Heap	1973	1:10000

This data is sourced from Ordnance Survey/Groundsure.



18.4 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 data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m**0**

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m**0**

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

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m**0**

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

This data is sourced from Peter Brett Associates (PBA).

18.8 JPB mining areas

Records on site**0**

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

This data is sourced from Johnson Poole and Bloomer.



18.9 Coal mining

Records on site	0
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Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.10 Brine areas

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

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

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

18.11 Gypsum areas

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

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

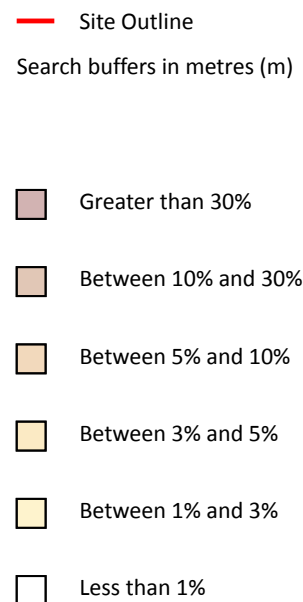
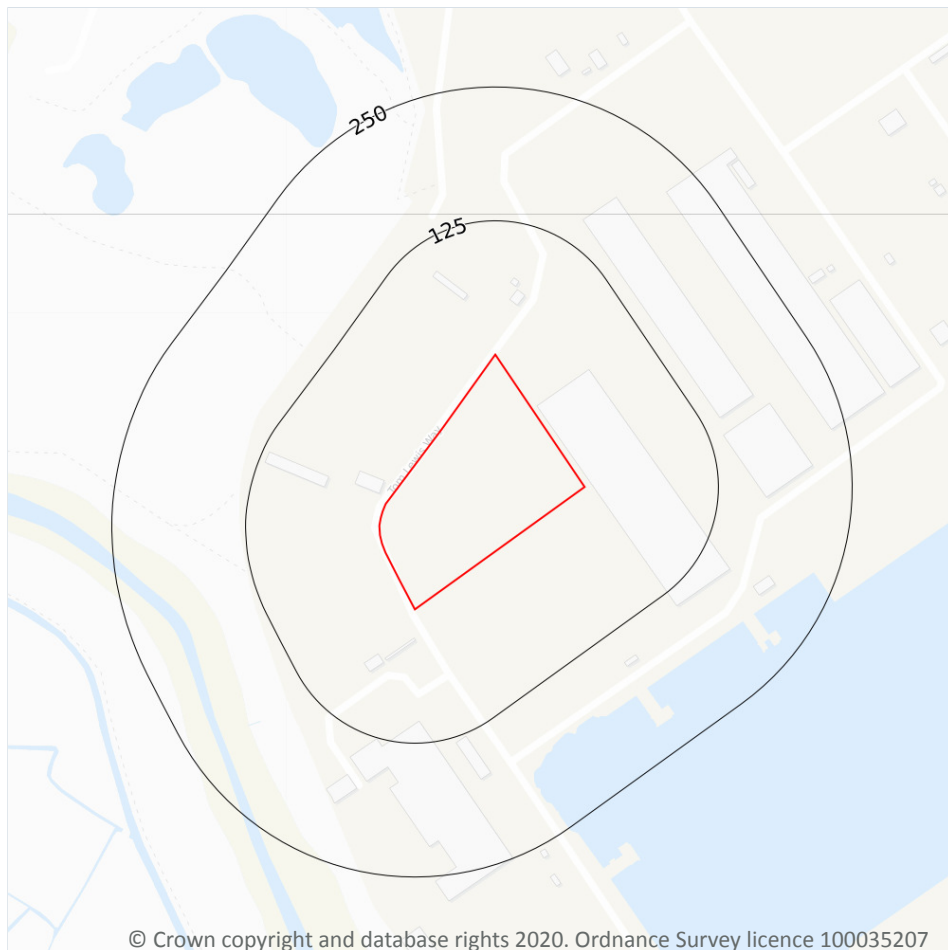
18.13 Clay mining

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

Generalised areas that may be affected by kaolin and ball clay extraction.

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

19 Radon



19.1 Radon

Records on site

1

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

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

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

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



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m**1**

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

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

This data is sourced from the British Geological Survey.

20.2 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.

20.3 BGS Measured Urban Soil Chemistry

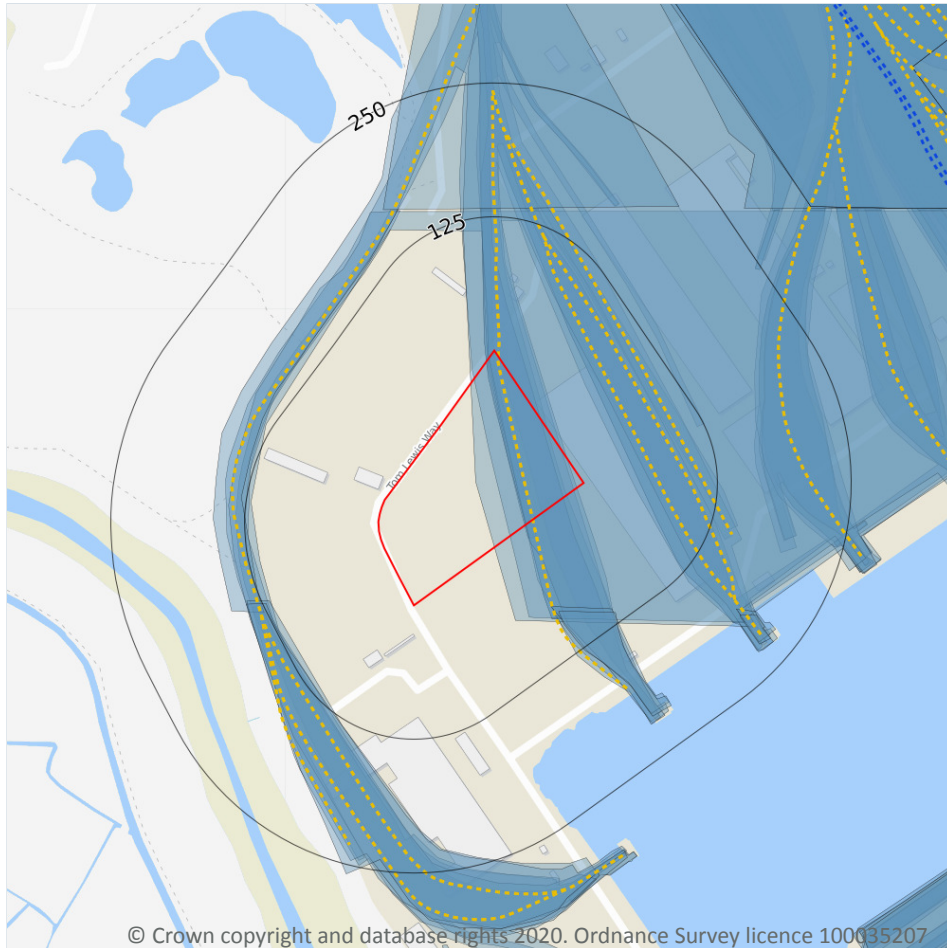
Records within 50m**0**

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

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- Crossrail 1 Worksites
- 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

21.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

27

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 106**

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1955	1250
On site	Railway Sidings	1955	2500
On site	Railway Sidings	1937	2500
On site	Railway Sidings	1921	2500
On site	Railway Sidings	1922	10560
On site	Railway Sidings	1956	10560
On site	Railway Sidings	1949	10560
On site	Railway Sidings	1920	10560
65m NE	Railway Sidings	1955	2500
76m SE	Railway Sidings	1950	10560
84m SE	Railway Sidings	1922	10560
85m SE	Railway Sidings	1920	2500
115m SW	Railway Sidings	1950	10560
119m SW	Railway Sidings	1922	10560
124m SW	Railway Sidings	1955	2500
124m SW	Railway Sidings	1920	2500
132m N	Railway Sidings	1955	2500



Location	Land Use	Year of mapping	Mapping scale
133m N	Railway Sidings	1963	10560
167m E	Railway Sidings	1955	1250
169m E	Railway Sidings	1955	2500
176m NE	Railway Sidings	1955	1250
185m SE	Railway Sidings	1950	10560
188m SE	Railway Sidings	1955	1250
191m SE	Railway Sidings	1920	2500
191m SE	Railway Sidings	1922	10560
245m NE	Railway Sidings	1955	1250
245m NE	Railway Sidings	1955	2500

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m

16

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

Features are displayed on the Railway infrastructure and projects map on **page 106**

Location	Description
On site	Razed
On site	Abandoned
63m NE	Razed



Location	Description
63m NE	Abandoned
87m NE	Razed
87m NE	Abandoned
99m NE	Razed
99m NE	Abandoned
127m W	Razed
127m W	Abandoned
131m SW	Razed
131m SW	Razed
131m SW	Abandoned
131m SW	Abandoned
197m E	Razed
197m E	Abandoned

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	0
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Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m	0
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The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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

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