

275901 189840

Order Details

Date: 28/09/2021
Your ref: EMS_726447_946286
Our Ref: EMS-726447_946286
Client: emapsite

Site Details

Location: 275901 189840
Area: 1.19 ha
Authority: [Castell-nedd Port Talbot - Neath Port Talbot County Borough](#)

**Summary of findings**p. 2 **Aerial image**

p. 8

OS MasterMap site planp.13 groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	25	8	40	46	-
19	1.2	<u>Historical tanks</u>	5	0	30	71	-
23	1.3	<u>Historical energy features</u>	2	0	15	21	-
25	1.4	Historical petrol stations	0	0	0	0	-
25	1.5	<u>Historical garages</u>	0	4	11	5	-
26	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
27	2.1	<u>Historical industrial land uses</u>	15	9	46	55	-
32	2.2	<u>Historical tanks</u>	6	0	44	132	-
39	2.3	<u>Historical energy features</u>	3	0	25	43	-
42	2.4	Historical petrol stations	0	0	0	0	-
42	2.5	<u>Historical garages</u>	0	7	21	10	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
44	3.1	Active or recent landfill	0	0	0	0	-
44	3.2	Historical landfill (BGS records)	0	0	0	0	-
45	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
45	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
45	3.5	<u>Historical waste sites</u>	0	0	6	1	-
46	3.6	<u>Licensed waste sites</u>	0	0	8	21	-
55	3.7	<u>Waste exemptions</u>	0	0	3	12	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
57	4.1	<u>Recent industrial land uses</u>	0	3	21	-	-
59	4.2	<u>Current or recent petrol stations</u>	1	0	0	1	-
59	4.3	Electricity cables	0	0	0	0	-
60	4.4	Gas pipelines	0	0	0	0	-
60	4.5	Sites determined as Contaminated Land	0	0	0	0	-



60	4.6	<u>Control of Major Accident Hazards (COMAH)</u>	0	0	1	0	-
60	4.7	Regulated explosive sites	0	0	0	0	-
61	4.8	<u>Hazardous substance storage/usage</u>	0	0	0	2	-
61	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
61	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
62	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	0	1	-
62	4.12	Radioactive Substance Authorisations	0	0	0	0	-
62	4.13	<u>Licensed Discharges to controlled waters</u>	0	2	6	4	-
64	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
64	4.15	Pollutant release to public sewer	0	0	0	0	-
64	4.16	List 1 Dangerous Substances	0	0	0	0	-
64	4.17	List 2 Dangerous Substances	0	0	0	0	-
65	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	2	11	12	-
67	4.19	Pollution inventory substances	0	0	0	0	-
68	4.20	Pollution inventory waste transfers	0	0	0	0	-
68	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
69	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
71	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
73	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
74	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
74	5.5	Groundwater vulnerability- local information	None (within 0m)				
75	5.6	Groundwater abstractions	0	0	0	0	0
76	5.7	<u>Surface water abstractions</u>	0	0	5	0	13
79	5.8	Potable abstractions	0	0	0	0	0
80	5.9	Source Protection Zones	0	0	0	0	-
80	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
81	6.1	<u>Water Network (OS MasterMap)</u>	0	0	16	-	-



83	6.2	<u>Surface water features</u>	0	0	4	-	-
83	6.3	<u>WFD Surface water body catchments</u>	4	-	-	-	-
84	6.4	<u>WFD Surface water bodies</u>	0	0	1	-	-
84	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
85	7.1	<u>Risk of Flooding from Rivers and Sea (RoFRaS)</u>	Low (within 50m)				
86	7.2	Historical Flood Events	0	0	0	-	-
86	7.3	<u>Flood Defences</u>	0	0	2	-	-
86	7.4	<u>Areas Benefiting from Flood Defences</u>	1	0	85	-	-
90	7.5	Flood Storage Areas	0	0	0	-	-
91	7.6	<u>Flood Zone 2</u>	Identified (within 50m)				
92	7.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
93	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
95	9.1	<u>Groundwater flooding</u>	Low (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
96	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
97	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
97	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
97	10.4	Special Protection Areas (SPA)	0	0	0	0	0
97	10.5	National Nature Reserves (NNR)	0	0	0	0	0
98	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
98	10.7	<u>Designated Ancient Woodland</u>	0	0	0	0	3
98	10.8	Biosphere Reserves	0	0	0	0	0
99	10.9	Forest Parks	0	0	0	0	0
99	10.10	Marine Conservation Zones	0	0	0	0	0
99	10.11	Green Belt	0	0	0	0	0
99	10.12	Proposed Ramsar sites	0	0	0	0	0



99	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
100	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
100	10.15	Nitrate Sensitive Areas	0	0	0	0	0
100	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
101	10.17	SSSI Impact Risk Zones	0	-	-	-	-
101	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
102	11.1	World Heritage Sites	0	0	0	-	-
102	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
102	11.3	National Parks	0	0	0	-	-
102	11.4	Listed Buildings	0	0	0	-	-
103	11.5	Conservation Areas	0	0	0	-	-
103	11.6	Scheduled Ancient Monuments	0	0	0	-	-
103	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
104	12.1	<u>Agricultural Land Classification</u>	Grade 3b (within 250m)				
105	12.2	Open Access Land	0	0	0	-	-
105	12.3	Tree Felling Licences	0	0	0	-	-
105	12.4	Environmental Stewardship Schemes	0	0	0	-	-
105	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
106	13.1	Priority Habitat Inventory	0	0	0	-	-
106	13.2	Habitat Networks	0	0	0	-	-
106	13.3	Open Mosaic Habitat	0	0	0	-	-
106	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
107	14.1	<u>10k Availability</u>	Identified (within 500m)				
108	14.2	<u>Artificial and made ground (10k)</u>	0	0	3	6	-
110	14.3	<u>Superficial geology (10k)</u>	1	0	6	3	-



111	14.4	Landslip (10k)	0	0	0	0	-
112	14.5	<u>Bedrock geology (10k)</u>	1	0	1	7	-
113	14.6	<u>Bedrock faults and other linear features (10k)</u>	0	0	0	6	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
114	15.1	<u>50k Availability</u>	Identified (within 500m)				
115	15.2	<u>Artificial and made ground (50k)</u>	0	0	2	2	-
116	15.3	Artificial ground permeability (50k)	0	0	-	-	-
117	15.4	<u>Superficial geology (50k)</u>	1	0	2	0	-
118	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
118	15.6	Landslip (50k)	0	0	0	0	-
118	15.7	Landslip permeability (50k)	None (within 50m)				
119	15.8	<u>Bedrock geology (50k)</u>	1	0	0	6	-
120	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
120	15.10	<u>Bedrock faults and other linear features (50k)</u>	0	0	0	5	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
122	16.1	<u>BGS Boreholes</u>	0	0	14	-	-
Page	Section	Natural ground subsidence					
124	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
125	17.2	<u>Running sands</u>	Moderate (within 50m)				
126	17.3	<u>Compressible deposits</u>	Moderate (within 50m)				
127	17.4	<u>Collapsible deposits</u>	Negligible (within 50m)				
128	17.5	<u>Landslides</u>	Very low (within 50m)				
129	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
131	18.1	Natural cavities	0	0	0	0	-
132	18.2	BritPits	0	0	0	0	-
132	18.3	<u>Surface ground workings</u>	4	2	19	-	-
133	18.4	Underground workings	0	0	0	0	0
133	18.5	Historical Mineral Planning Areas	0	0	0	0	-



133	18.6	Non-coal mining	0	0	0	0	0
134	18.7	Mining cavities	0	0	0	0	0
134	18.8	JPB mining areas	None (within 0m)				
134	18.9	<u>Coal mining</u>	Identified (within 0m)				
134	18.10	Brine areas	None (within 0m)				
135	18.11	Gypsum areas	None (within 0m)				
135	18.12	Tin mining	None (within 0m)				
135	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
136	19.1	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
137	20.1	<u>BGS Estimated Background Soil Chemistry</u>	1	2	-	-	-
137	20.2	<u>BGS Estimated Urban Soil Chemistry</u>	4	7	-	-	-
138	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
139	21.1	Underground railways (London)	0	0	0	-	-
139	21.2	Underground railways (Non-London)	0	0	0	-	-
140	21.3	Railway tunnels	0	0	0	-	-
140	21.4	<u>Historical railway and tunnel features</u>	11	4	42	-	-
142	21.5	Royal Mail tunnels	0	0	0	-	-
142	21.6	<u>Historical railways</u>	0	0	2	-	-
143	21.7	Railways	0	0	0	-	-
143	21.8	Crossrail 1	0	0	0	0	-
143	21.9	Crossrail 2	0	0	0	0	-
143	21.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 14/04/2020

Site Area: 1.19ha



Recent site history - 2017 aerial photograph



Capture Date: 26/05/2017

Site Area: 1.19ha



Recent site history - 2009 aerial photograph

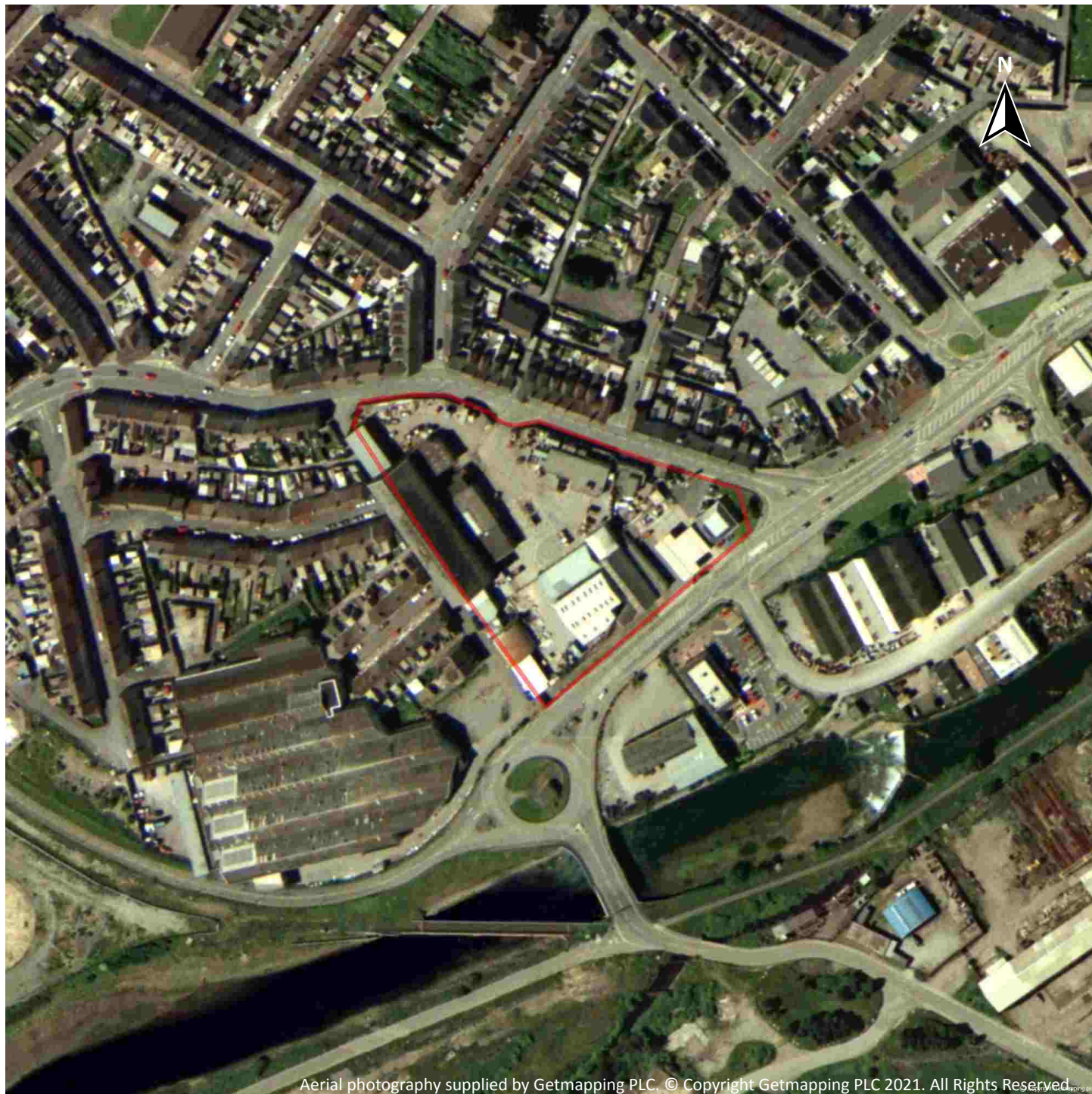


Capture Date: 12/10/2009

Site Area: 1.19ha



Recent site history - 2001 aerial photograph

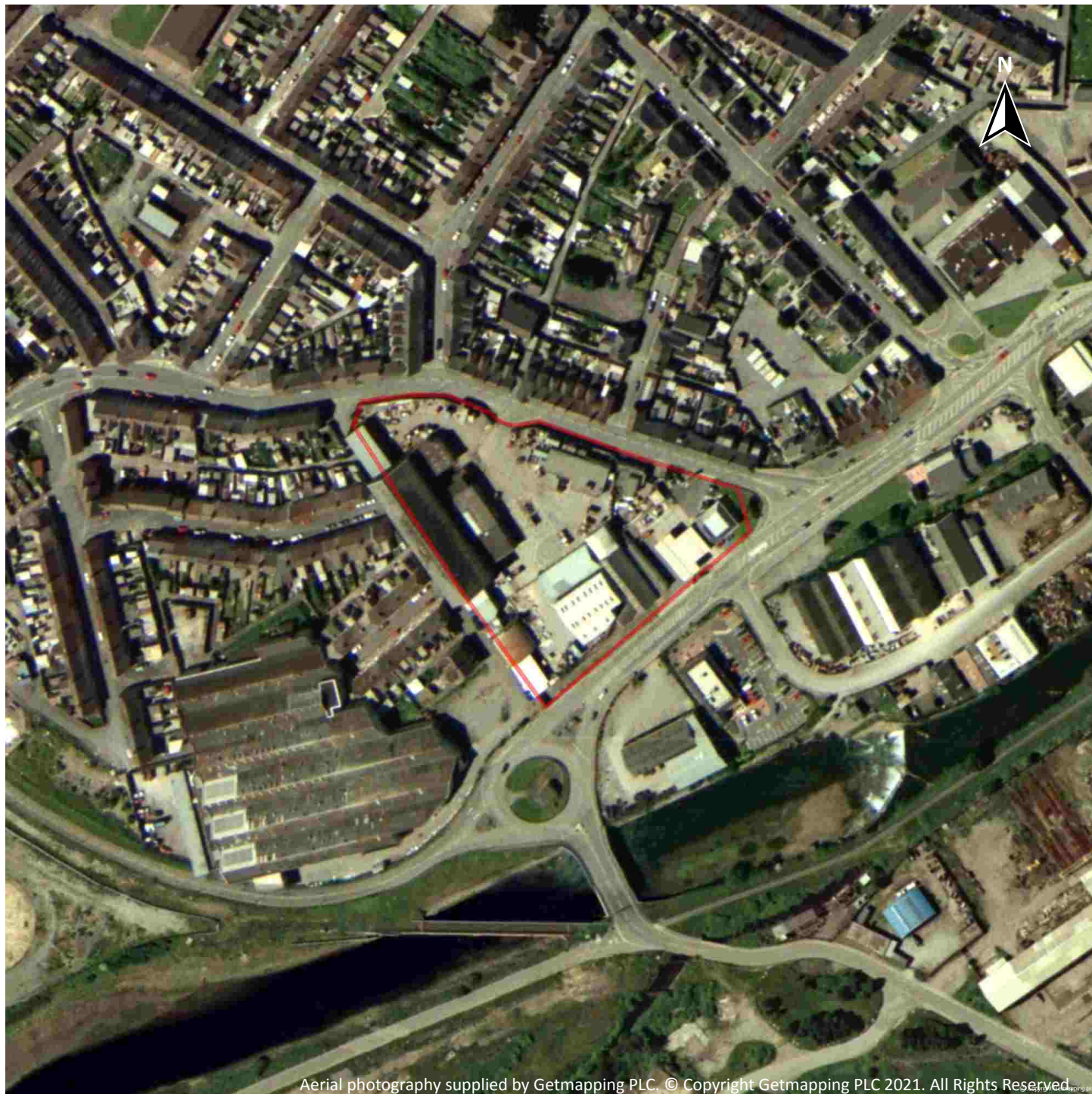


Capture Date: 27/08/2001

Site Area: 1.19ha



Recent site history - 2000 aerial photograph



Capture Date: 18/06/2000

Site Area: 1.19ha



OS MasterMap site plan



Site Area: 1.19ha



Contact us with any questions at:

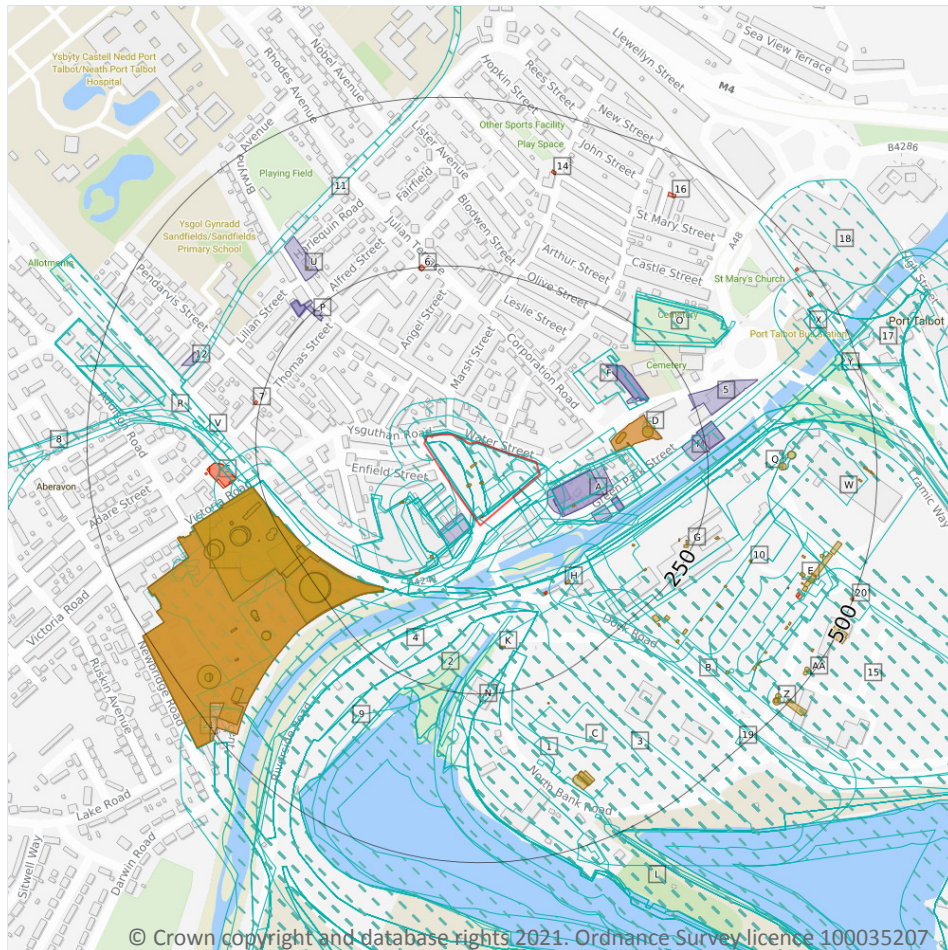
info@groundsure.com

08444 159 000

Date: 28 September 2021

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1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

119

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

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

ID	Location	Land use	Dates present	Group ID
A	On site	Disused Tin Plate Works	1897	320588



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Works	1965	320923
A	On site	Unspecified Depot	1991	321584
A	On site	Unspecified Commercial/Industrial	1947	331181
A	On site	Railway Sidings	1947	355831
A	On site	Railway Sidings	1897 - 1914	359240
A	On site	Tin Plate Works	1914 - 1921	360819
A	On site	Tin Plate Works	1897	365543
A	On site	Railway Sidings	1965	377410
B	On site	Railway Sidings	1921	339301
B	On site	Railway Sidings	1921	339302
B	On site	Railway Sidings	1914	339303
B	On site	Railway Sidings	1921	339304
B	On site	Railway Sidings	1921	339292
B	On site	Railway Sidings	1921	339293
B	On site	Railway Sidings	1914	339294
B	On site	Railway Sidings	1914	339295
B	On site	Railway Sidings	1914	339296
B	On site	Railway Sidings	1921	339297
B	On site	Railway Sidings	1921	339298
B	On site	Railway Sidings	1914	339299
B	On site	Railway Sidings	1914	339300
B	On site	Railway Sidings	1914	339723
B	On site	Dock	1914 - 1921	365006
C	On site	Old Dock	1914	346704
A	10m SW	Unspecified Works	1991	361017
A	10m SW	Unspecified Works	1979	370253
A	11m SW	Iron Foundry	1914 - 1921	374292
A	20m SE	Unspecified Works	1965	320924



ID	Location	Land use	Dates present	Group ID
A	20m SW	Unspecified Pit	1897	335788
A	26m SW	Unspecified Works	1965	340538
A	28m SE	Unspecified Depot	1991	321588
B	46m S	Old Dock	1947	368853
A	52m SW	Iron Foundry	1897	356626
B	96m S	Railway Sidings	1947	363275
B	105m S	Railway Sidings	1962 - 1969	344615
B	105m S	Railway Sidings	1947	368145
1	117m S	Docks	1965	349804
E	119m SE	Industrial Estate	1991	323037
F	125m NE	Unspecified Commercial/Industrial	1914	331179
F	125m NE	Sawmill	1897	339201
G	131m SE	Unspecified Works	1979	342355
E	131m SE	Unspecified Works	1965	376034
G	138m SE	Tin Plate Works	1897	321981
G	138m SE	Railway Sidings	1897	344340
E	144m SE	Steel Works	1914 - 1921	371804
2	144m S	Unspecified Ground Workings	1947	333222
E	151m SE	Steel Works	1947	349499
3	159m SE	Timber Yard	1947	331035
4	160m SW	Unspecified Depot	1991	321585
D	166m E	Unspecified Tank	1897 - 1921	379090
E	167m SE	Railway Sidings	1979	343807
J	170m SW	Gas Holder Station	1979	328147
J	170m SW	Unspecified Commercial/Industrial	1991	331184
L	192m S	Old Dock	1897	357426
L	192m S	Railway Sidings	1897	365055
N	215m S	Unspecified Works	1979	320955



ID	Location	Land use	Dates present	Group ID
N	215m S	Unspecified Commercial/Industrial	1991	331185
J	222m SW	Railway Sidings	1947	355882
O	228m NE	Cemetery	1957	372921
O	228m NE	Cemetery	1914 - 1947	349890
O	229m NE	Cemetery	1978	356885
O	229m NE	Cemetery	1995	370998
J	233m SW	Gas Works	1947	354382
J	233m SW	Gasometer	1979	321173
J	233m SW	Unspecified Tank	1991	348916
J	233m SW	Unspecified Tank	1965	373688
J	234m SW	Gas Works	1914 - 1921	357882
Q	239m E	Iron Foundry	1897	338096
I	244m SW	Unspecified Works	1965	320957
N	245m S	Railway Building	1921	323569
O	248m NE	Cemetery	1897	368390
R	250m W	Railway Sidings	1914 - 1921	343111
J	254m SW	Unspecified Tank	1947	320095
J	255m SW	Gasometer	1914 - 1921	360954
J	266m SW	Unspecified Ground Workings	1897	333220
T	288m S	Unspecified Depot	1965	321586
8	289m W	Railway Sidings	1897	368485
J	290m SW	Gasometer	1897	352797
J	293m SW	Unspecified Tank	1965	320094
J	293m SW	Gasometer	1914 - 1921	351383
R	296m W	Railway Sidings	1947	368918
V	307m W	Railway Station	1965	332012
V	326m W	Railway Station	1947	366822
V	329m W	Railway Station	1914 - 1921	365707



ID	Location	Land use	Dates present	Group ID
9	334m SW	Railway Building	1947	323570
J	337m SW	Gasometer	1947	321172
J	338m SW	Unspecified Tank	1965	320096
W	339m E	Unspecified Depot	1979	321587
11	343m NW	Railway Sidings	1897	346294
I	347m SW	Unspecified Tank	1965	320093
Q	357m E	Unspecified Tanks	1979	348199
Q	357m E	Unspecified Tanks	1991	351306
13	358m S	Railway Building	1897	323564
J	376m SW	Unspecified Heap	1897	358626
J	383m SW	Unspecified Heap	1914 - 1921	339442
R	394m W	Unspecified Commercial/Industrial	1947	331182
E	397m SE	Unspecified Works	1979	320954
E	404m SE	Unspecified Tank	1914 - 1921	364937
R	413m W	Railway Building	1965	323571
15	416m SE	Unspecified Commercial/Industrial	1965	331178
E	437m E	Unspecified Tank	1914 - 1921	356186
X	449m NE	Bus Station	1995	363503
X	449m NE	Bus Station	1978	373903
17	458m E	Railway Sidings	1957	369990
R	460m W	Railway Sidings	1957	366341
L	461m S	Railway Building	1897	323566
Y	474m E	Railway Building	1897	348914
Y	474m E	Railway Building	1947	372464
18	476m NE	Unspecified Commercial/Industrial	1978	331180
L	481m SE	Unspecified Pit	1914 - 1921	348976
Z	484m SE	Unspecified Tank	1914 - 1921	358612
19	488m SE	Railway Building	1914	323568



ID	Location	Land use	Dates present	Group ID
R	489m W	Railway Building	1957	323573
AA	493m SE	Unspecified Tank	1914	320089
Y	496m E	Railway Buildings	1947	319113
21	497m SW	Unspecified Works	1965	320956
L	498m S	Railway Building	1897	323565
R	499m W	Railway Building	1965	323572

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	106
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Tank	1968	38166
A	On site	Unspecified Tank	1939	38167
A	On site	Unspecified Tank	1951	40104
A	On site	Unspecified Tank	1950	43251
A	On site	Unspecified Tank	1950 - 1951	44664
A	67m SE	Unspecified Tank	1967 - 1971	42830
A	72m SW	Unspecified Tank	1967	40176
A	73m SW	Unspecified Tank	1975	40336
A	73m SW	Unspecified Tank	1968	42843
A	75m SW	Unspecified Tank	1990	40830
A	75m SW	Unspecified Tank	1991	42768
A	83m SW	Unspecified Tank	1967 - 1968	40544

ID	Location	Land use	Dates present	Group ID
A	114m SW	Unspecified Tank	1990	38165
D	114m E	Gas Works	1881 - 1899	44544
D	122m E	Gasometers	1881	39181
H	146m SE	Tanks	1979 - 1991	41156
D	164m E	Gasometer	1899	39890
I	170m SW	Gas Works	1967	40406
I	171m SW	Gas Works	1968 - 1975	41062
J	171m SW	Gas Holder Station	1990 - 1991	40924
G	172m SE	Tanks	1951	40399
K	181m S	Unspecified Tank	1990 - 1991	43246
K	182m S	Unspecified Tank	1975	38164
G	209m SE	Unspecified Tank	1951	43769
J	221m SW	Gas Works	1950 - 1951	44495
G	227m SE	Unspecified Tank	1917	38162
J	229m SW	Gasometer	1967	39973
J	229m SW	Gasometer	1968 - 1975	41802
J	230m SW	Unspecified Tank	1962	38142
J	231m SW	Gasholder	1990 - 1991	43208
J	232m SW	Gas Works	1951	41674
J	237m SW	Unspecified Tank	1950 - 1951	40581
G	238m SE	Unspecified Tank	1939	38160
G	238m SE	Unspecified Tank	1917	38163
J	243m SW	Unspecified Tank	1950 - 1951	41936
J	254m SW	Unspecified Tank	1917 - 1951	43145
J	258m W	Unspecified Tank	1939 - 1951	40341
B	269m SE	Tanks	1939	39670
G	276m E	Tanks	1951	40632
C	281m S	Unspecified Tank	1968	44471



ID	Location	Land use	Dates present	Group ID
B	281m SE	Unspecified Tank	1951	40070
B	282m SE	Unspecified Tank	1951	42079
C	282m S	Unspecified Tank	1967	40202
J	283m SW	Unspecified Tank	1950	38141
J	289m SW	Unspecified Tank	1951 - 1967	39993
J	290m SW	Unspecified Tank	1950 - 1975	41657
J	294m SW	Gasometer	1899	39900
J	296m SW	Unspecified Tank	1939	42087
U	305m NW	Unspecified Tank	1957	41411
U	306m NW	Unspecified Tank	1951	42514
J	307m SW	Unspecified Tank	1950 - 1991	40125
B	315m SE	Unspecified Tank	1951	40056
B	319m SE	Unspecified Tank	1951	42812
B	320m SE	Tanks	1979	39669
B	321m SE	Unspecified Tank	1979	38155
B	327m SE	Tanks	1971 - 1979	43095
J	333m SW	Gasometer	1951 - 1967	42387
J	334m SW	Unspecified Tank	1960 - 1968	42559
J	334m SW	Gasometer	1950 - 1975	43587
10	336m E	Unspecified Tank	1979 - 1991	43318
J	341m SW	Unspecified Tank	1939	40683
I	344m SW	Unspecified Tank	1967	38144
I	344m SW	Tanks	1968 - 1975	42903
I	345m SW	Tanks	1962	44184
I	345m SW	Gasometer	1967	39901
I	346m SW	Unspecified Tank	1967	38143
I	346m SW	Unspecified Tank	1968 - 1975	41516
J	350m SW	Gasometer	1968	40349

ID	Location	Land use	Dates present	Group ID
Q	354m E	Unspecified Tank	1979 - 1991	41088
Q	368m E	Unspecified Tank	1979 - 1991	41779
I	382m SW	Unspecified Tank	1967 - 1968	40041
T	394m S	Tanks	1950	40413
T	394m SE	Tanks	1951	40678
T	396m S	Tanks	1939	44451
E	402m SE	Unspecified Tank	1917	38154
I	406m SW	Unspecified Tank	1967 - 1975	43798
E	407m E	Unspecified Tank	1951	40195
E	413m E	Unspecified Tank	1951	40347
E	420m SE	Unspecified Tank	1939	38156
E	425m SE	Tanks	1951	42580
E	425m SE	Unspecified Tank	1979	38153
E	425m SE	Unspecified Tank	1939	38157
E	427m SE	Tanks	1979	39672
I	427m SW	Tanks	1967 - 1975	44475
E	427m E	Unspecified Tank	1939	43641
E	428m SE	Tanks	1979	39671
E	428m E	Unspecified Tank	1951	44179
E	429m SE	Tanks	1979	39674
E	430m SE	Tanks	1979	39675
E	433m E	Unspecified Tank	1917	38159
I	440m SW	Unspecified Tank	1967	42596
E	446m E	Unspecified Tank	1917 - 1939	40932
I	452m SW	Unspecified Tank	1968	42757
I	452m SW	Unspecified Tank	1975	44409
W	472m E	Unspecified Tank	1951	43880
Z	479m SE	Unspecified Tank	1951	43694



ID	Location	Land use	Dates present	Group ID
AA	480m SE	Unspecified Tank	1951	42207
W	480m E	Tanks	1979	39668
Z	481m SE	Unspecified Tank	1917	42604
Z	482m SE	Unspecified Tank	1939	44666
W	487m E	Tanks	1971 - 1979	43159
AA	487m SE	Unspecified Tank	1951 - 1968	42253
AA	489m SE	Unspecified Tank	1917 - 1939	41019
AA	490m SE	Unspecified Tank	1917 - 1951	42961
20	496m E	Unspecified Tank	1951	40101
Z	497m SE	Unspecified Tank	1917 - 1939	42406

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	38
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Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
A	On site	Electricity Transformer	1975	19799
A	On site	Electricity Substation	1990 - 1991	22965
D	114m E	Gas Works	1881 - 1899	23085
D	122m E	Gasometers	1881	19719
H	136m SE	Electricity Substation	1990 - 1991	20365
H	137m SE	Electricity Transformer	1967	20378
H	138m SE	Electricity Transformer	1968 - 1975	20307
D	164m E	Gasometer	1899	20030

ID	Location	Land use	Dates present	Group ID
I	170m SW	Gas Works	1967	20288
I	171m SW	Gas Works	1968 - 1975	22028
J	171m SW	Gas Holder Station	1990 - 1991	22544
J	221m SW	Gas Works	1950 - 1951	22233
J	229m SW	Gasometer	1967	22607
J	229m SW	Gasometer	1968 - 1975	20944
J	231m SW	Gasholder	1990 - 1991	20139
J	232m SW	Gas Works	1951	21215
6	244m N	Electricity Substation	1989 - 1991	22235
7	254m W	Electricity Transformer	1967 - 1991	22557
J	280m W	Electricity Substation	1990 - 1991	20395
S	283m W	Electricity Substation	1990 - 1991	23166
S	284m W	Electricity Substation	1950 - 1975	23622
S	289m W	Electricity Substation	1951 - 1967	20200
J	294m SW	Gasometer	1899	20040
S	320m W	Electricity Substation	1986 - 1991	21099
S	325m W	Electricity Substation	1967	19284
J	333m SW	Gasometer	1951 - 1967	20848
J	334m SW	Gasometer	1950 - 1975	22369
I	345m SW	Gasometer	1967	20041
J	350m SW	Gasometer	1968	21501
E	404m SE	Electricity Substation	1979	19285
14	413m N	Electricity Substation	1988 - 1993	20266
E	420m SE	Electricity Substation	1991	19286
E	424m SE	Electricity Substation	1971	19288
16	440m NE	Electricity Substation	1988 - 1993	21375
X	474m NE	Electricity Substation	1968	19320
X	478m NE	Electricity Substation	1988 - 1993	21818



ID	Location	Land use	Dates present	Group ID
Y	498m E	Gas Governor	1991 - 1993	21346
Y	498m E	Gas Governor	1988	21022

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0
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Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, 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'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	20
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
A	12m SW	Garage	1950	7466
A	27m SE	Garage	1979 - 1991	7666
A	29m SE	Repair Works	1967 - 1968	7874
A	30m SE	Repair Works	1971	7066
A	96m SE	Garage	1979 - 1991	7763
A	113m E	Garage	1979 - 1991	7645
A	113m E	Garage	1967 - 1971	7428
F	161m NE	Garage	1991	7003
F	172m NE	Garage	1951 - 1979	7975

ID	Location	Land use	Dates present	Group ID
F	173m NE	Garage	1968	7331
M	214m E	Garage	1951 - 1957	7609
M	231m E	Garage	1991	7204
P	232m NW	Garage	1964	7111
M	241m E	Garage	1979	6896
5	244m E	Garage	1979	6667
P	259m NW	Garage	1957	6930
P	259m NW	Garage	1951 - 1967	7821
P	260m NW	Garage	1989 - 1991	7961
U	292m NW	Garage	1951 - 1957	7760
12	354m W	Garage	1991	6648

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

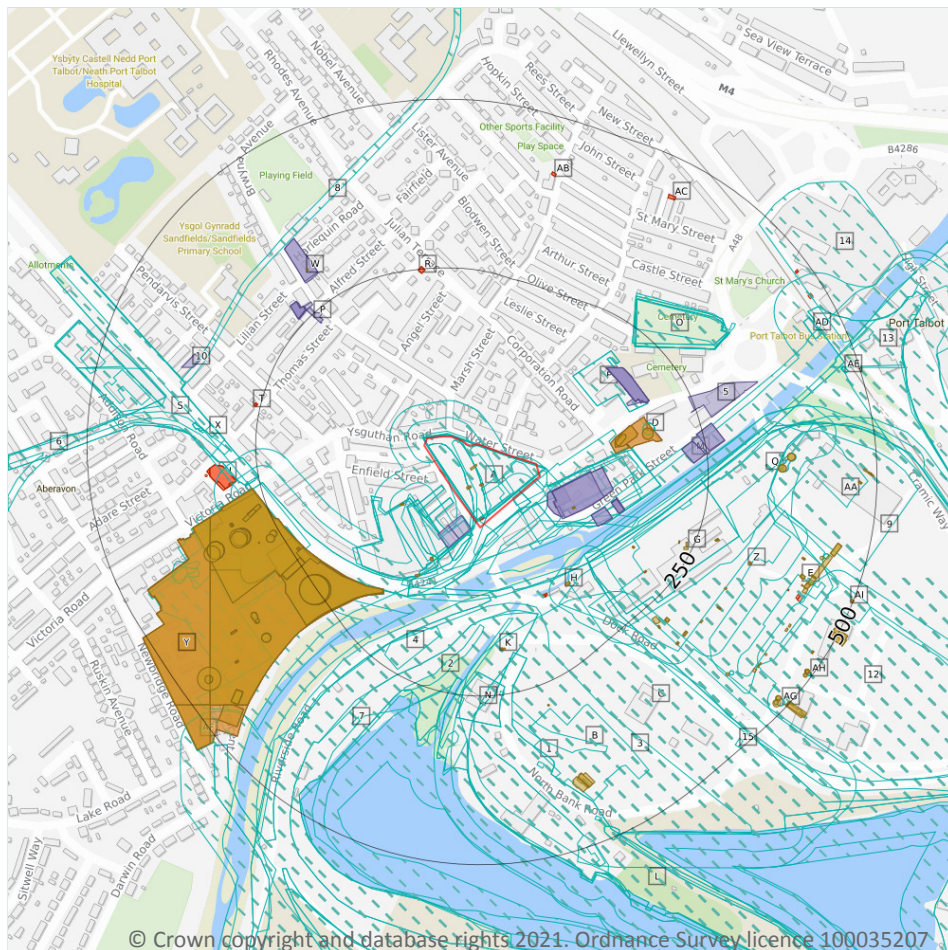
Records within 500m

0

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

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

2 Past land use - un-grouped



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

2.1 Historical industrial land uses

Records within 500m

125

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 27**

ID	Location	Land Use	Date	Group ID
A	On site	Railway Sidings	1947	355831
A	On site	Unspecified Commercial/Industrial	1947	331181
A	On site	Tin Plate Works	1897	365543



ID	Location	Land Use	Date	Group ID
A	On site	Railway Sidings	1897	359240
A	On site	Disused Tin Plate Works	1897	320588
A	On site	Unspecified Depot	1991	321584
A	On site	Railway Sidings	1914	359240
A	On site	Tin Plate Works	1914	360819
A	On site	Tin Plate Works	1921	360819
A	On site	Unspecified Works	1965	320923
A	On site	Railway Sidings	1965	377410
B	On site	Old Dock	1914	346704
C	On site	Dock	1921	365006
C	On site	Railway Sidings	1914	339723
C	On site	Railway Sidings	1921	339292
A	10m SW	Unspecified Works	1991	361017
A	10m SW	Unspecified Works	1979	370253
A	11m SW	Iron Foundry	1914	374292
A	11m SW	Iron Foundry	1921	374292
A	20m SE	Unspecified Works	1965	320924
A	20m SW	Unspecified Pit	1897	335788
A	26m SW	Unspecified Works	1965	340538
A	28m SE	Unspecified Depot	1991	321588
C	46m S	Old Dock	1947	368853
A	52m SW	Iron Foundry	1897	356626
C	96m S	Railway Sidings	1947	363275
C	105m S	Railway Sidings	1965	344615
1	117m S	Docks	1965	349804
E	119m SE	Industrial Estate	1991	323037
F	125m NE	Sawmill	1897	339201
F	125m NE	Unspecified Commercial/Industrial	1914	331179



ID	Location	Land Use	Date	Group ID
G	131m SE	Unspecified Works	1979	342355
G	131m SE	Unspecified Works	1965	376034
G	138m SE	Tin Plate Works	1897	321981
G	138m SE	Railway Sidings	1897	344340
E	144m SE	Steel Works	1914	371804
E	144m SE	Steel Works	1921	371804
2	144m S	Unspecified Ground Workings	1947	333222
E	151m SE	Steel Works	1947	349499
3	159m SE	Timber Yard	1947	331035
4	160m SW	Unspecified Depot	1991	321585
D	166m E	Unspecified Tank	1897	379090
D	166m E	Unspecified Tank	1914	379090
D	166m E	Unspecified Tank	1921	379090
E	167m SE	Railway Sidings	1979	343807
J	170m SW	Gas Holder Station	1979	328147
J	170m SW	Unspecified Commercial/Industrial	1991	331184
L	192m S	Railway Sidings	1897	365055
L	192m S	Old Dock	1897	357426
N	215m S	Unspecified Commercial/Industrial	1991	331185
N	215m S	Unspecified Works	1979	320955
J	222m SW	Railway Sidings	1947	355882
O	228m NE	Cemetery	1957	372921
O	228m NE	Cemetery	1947	349890
O	228m NE	Cemetery	1914	349890
O	228m NE	Cemetery	1921	349890
O	229m NE	Cemetery	1978	356885
O	229m NE	Cemetery	1995	370998
J	233m SW	Gas Works	1947	354382



ID	Location	Land Use	Date	Group ID
J	233m SW	Unspecified Tank	1991	348916
J	233m SW	Gasometer	1979	321173
J	233m SW	Unspecified Tank	1965	373688
J	234m SW	Gas Works	1914	357882
J	234m SW	Gas Works	1921	357882
Q	239m E	Iron Foundry	1897	338096
I	244m SW	Unspecified Works	1965	320957
N	245m S	Railway Building	1921	323569
O	248m NE	Cemetery	1897	368390
S	250m W	Railway Sidings	1914	343111
S	250m W	Railway Sidings	1921	343111
J	254m SW	Unspecified Tank	1947	320095
J	255m SW	Gasometer	1914	360954
J	255m SW	Gasometer	1921	360954
J	266m SW	Unspecified Ground Workings	1897	333220
V	288m S	Unspecified Depot	1965	321586
6	289m W	Railway Sidings	1897	368485
J	290m SW	Gasometer	1897	352797
J	293m SW	Gasometer	1914	351383
J	293m SW	Gasometer	1921	351383
J	293m SW	Unspecified Tank	1965	320094
S	296m W	Railway Sidings	1947	368918
X	307m W	Railway Station	1965	332012
X	326m W	Railway Station	1947	366822
X	329m W	Railway Station	1914	365707
X	329m W	Railway Station	1921	365707
7	334m SW	Railway Building	1947	323570
J	337m SW	Gasometer	1947	321172



ID	Location	Land Use	Date	Group ID
J	338m SW	Unspecified Tank	1965	320096
AA	339m E	Unspecified Depot	1979	321587
8	343m NW	Railway Sidings	1897	346294
9	343m E	Unspecified Works	1965	376034
I	347m SW	Unspecified Tank	1965	320093
Q	357m E	Unspecified Tanks	1991	351306
Q	357m E	Unspecified Tanks	1979	348199
11	358m S	Railway Building	1897	323564
J	376m SW	Unspecified Heap	1897	358626
J	383m SW	Unspecified Heap	1914	339442
J	383m SW	Unspecified Heap	1921	339442
S	394m W	Unspecified Commercial/Industrial	1947	331182
E	397m SE	Unspecified Works	1979	320954
E	404m SE	Unspecified Tank	1914	364937
E	404m SE	Unspecified Tank	1921	364937
S	413m W	Railway Building	1965	323571
12	416m SE	Unspecified Commercial/Industrial	1965	331178
E	437m E	Unspecified Tank	1914	356186
E	437m E	Unspecified Tank	1921	356186
AD	449m NE	Bus Station	1978	373903
AD	449m NE	Bus Station	1995	363503
13	458m E	Railway Sidings	1957	369990
S	460m W	Railway Sidings	1957	366341
L	461m S	Railway Building	1897	323566
AE	474m E	Railway Building	1947	372464
AE	474m E	Railway Building	1897	348914
14	476m NE	Unspecified Commercial/Industrial	1978	331180
L	481m SE	Unspecified Pit	1914	348976



ID	Location	Land Use	Date	Group ID
L	481m SE	Unspecified Pit	1921	348976
AG	484m SE	Unspecified Tank	1914	358612
AG	484m SE	Unspecified Tank	1921	358612
15	488m SE	Railway Building	1914	323568
S	489m W	Railway Building	1957	323573
AH	493m SE	Unspecified Tank	1914	320089
AE	496m E	Railway Buildings	1947	319113
AF	497m SW	Unspecified Works	1965	320956
L	498m S	Railway Building	1897	323565
S	499m W	Railway Building	1965	323572

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	182
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 27**

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Tank	1939	38167
A	On site	Unspecified Tank	1951	44664
A	On site	Unspecified Tank	1951	40104
A	On site	Unspecified Tank	1968	38166
A	On site	Unspecified Tank	1950	43251
A	On site	Unspecified Tank	1950	44664
A	67m SE	Unspecified Tank	1968	42830
A	68m SE	Unspecified Tank	1967	42830
A	68m SE	Unspecified Tank	1971	42830
A	72m SW	Unspecified Tank	1967	40176



ID	Location	Land Use	Date	Group ID
A	73m SW	Unspecified Tank	1968	42843
A	73m SW	Unspecified Tank	1975	40336
A	75m SW	Unspecified Tank	1990	40830
A	75m SW	Unspecified Tank	1991	42768
A	83m SW	Unspecified Tank	1967	40544
A	83m SW	Unspecified Tank	1968	40544
A	114m SW	Unspecified Tank	1990	38165
D	114m E	Gas Works	1899	44544
D	120m E	Gas Works	1881	44544
D	122m E	Gasometers	1881	39181
H	146m SE	Tanks	1979	41156
H	146m SE	Tanks	1991	41156
D	164m E	Gasometer	1899	39890
I	170m SW	Gas Works	1967	40406
I	171m SW	Gas Works	1968	41062
I	171m SW	Gas Works	1975	41062
J	171m SW	Gas Holder Station	1990	40924
J	171m SW	Gas Holder Station	1991	40924
G	172m SE	Tanks	1951	40399
G	173m SE	Tanks	1951	40399
K	181m S	Unspecified Tank	1990	43246
K	181m S	Unspecified Tank	1991	43246
K	182m S	Unspecified Tank	1975	38164
G	209m SE	Unspecified Tank	1951	43769
G	210m SE	Unspecified Tank	1951	43769
J	221m SW	Gas Works	1950	44495
G	227m SE	Unspecified Tank	1917	38162
J	229m SW	Gasometer	1967	39973



ID	Location	Land Use	Date	Group ID
J	229m SW	Gasometer	1968	41802
J	229m SW	Gasometer	1975	41802
J	230m SW	Unspecified Tank	1962	38142
J	231m SW	Gasholder	1990	43208
J	231m SW	Gasholder	1991	43208
J	232m SW	Gas Works	1951	41674
J	237m SW	Unspecified Tank	1951	40581
G	238m SE	Unspecified Tank	1939	38160
G	238m SE	Unspecified Tank	1917	38163
J	239m SW	Unspecified Tank	1950	40581
J	243m SW	Unspecified Tank	1951	41936
J	244m SW	Unspecified Tank	1950	41936
J	254m SW	Unspecified Tank	1951	43145
J	255m SW	Unspecified Tank	1950	43145
J	258m W	Unspecified Tank	1951	40341
J	259m W	Unspecified Tank	1950	40341
J	260m SW	Unspecified Tank	1917	43145
J	260m SW	Unspecified Tank	1939	43145
J	268m W	Unspecified Tank	1939	40341
C	269m SE	Tanks	1939	39670
G	276m E	Tanks	1951	40632
G	277m E	Tanks	1951	40632
B	281m S	Unspecified Tank	1968	44471
C	281m SE	Unspecified Tank	1951	40070
B	282m S	Unspecified Tank	1967	40202
C	282m SE	Unspecified Tank	1951	42079
C	282m SE	Unspecified Tank	1951	40070
C	283m SE	Unspecified Tank	1951	42079



ID	Location	Land Use	Date	Group ID
J	283m SW	Unspecified Tank	1950	38141
J	289m SW	Unspecified Tank	1951	39993
J	289m SW	Unspecified Tank	1967	39993
J	290m SW	Unspecified Tank	1968	41657
J	290m SW	Unspecified Tank	1975	41657
J	290m SW	Unspecified Tank	1950	41657
J	290m SW	Unspecified Tank	1962	41657
J	294m SW	Gasometer	1899	39900
J	296m SW	Unspecified Tank	1939	42087
W	305m NW	Unspecified Tank	1957	41411
W	306m NW	Unspecified Tank	1951	42514
J	307m SW	Unspecified Tank	1951	40125
J	307m SW	Unspecified Tank	1967	40125
J	307m SW	Unspecified Tank	1968	40125
J	307m SW	Unspecified Tank	1975	40125
J	307m SW	Unspecified Tank	1990	40125
J	307m SW	Unspecified Tank	1991	40125
J	308m SW	Unspecified Tank	1950	40125
C	315m SE	Unspecified Tank	1951	40056
C	316m SE	Unspecified Tank	1951	40056
C	319m SE	Unspecified Tank	1951	42812
C	320m SE	Tanks	1979	39669
C	320m SE	Unspecified Tank	1951	42812
C	321m SE	Unspecified Tank	1979	38155
C	327m SE	Tanks	1979	43095
C	328m SE	Tanks	1971	43095
J	333m SW	Gasometer	1951	42387
J	333m SW	Gasometer	1967	42387



ID	Location	Land Use	Date	Group ID
J	334m SW	Unspecified Tank	1968	42559
J	334m SW	Gasometer	1975	43587
J	334m SW	Gasometer	1950	43587
J	334m SW	Unspecified Tank	1962	42559
J	335m W	Gas Works	1951	44495
Y	335m W	Gas Works	1968	41062
Z	336m E	Unspecified Tank	1979	43318
Z	336m E	Unspecified Tank	1991	43318
J	341m SW	Unspecified Tank	1939	40683
I	344m SW	Unspecified Tank	1967	38144
I	344m SW	Tanks	1968	42903
I	344m SW	Tanks	1975	42903
I	345m SW	Tanks	1962	44184
I	345m SW	Gasometer	1967	39901
I	346m SW	Unspecified Tank	1967	38143
I	346m SW	Unspecified Tank	1968	41516
I	346m SW	Unspecified Tank	1975	41516
J	350m SW	Unspecified Tank	1960	42559
J	350m SW	Gasometer	1968	40349
J	350m SW	Gasometer	1951	43587
Q	354m E	Unspecified Tank	1979	41088
Q	354m E	Unspecified Tank	1991	41088
Q	368m E	Unspecified Tank	1979	41779
Q	368m E	Unspecified Tank	1991	41779
I	382m SW	Unspecified Tank	1967	40041
I	383m SW	Unspecified Tank	1968	40041
V	394m S	Tanks	1950	40413
V	394m SE	Tanks	1951	40678



ID	Location	Land Use	Date	Group ID
V	396m S	Tanks	1939	44451
E	402m SE	Unspecified Tank	1917	38154
I	406m SW	Unspecified Tank	1967	43798
E	407m E	Unspecified Tank	1951	40195
I	407m SW	Unspecified Tank	1968	43798
I	407m SW	Unspecified Tank	1975	43798
E	408m E	Unspecified Tank	1951	40195
E	413m E	Unspecified Tank	1951	40347
E	414m E	Unspecified Tank	1951	40347
E	420m SE	Unspecified Tank	1939	38156
E	425m SE	Tanks	1951	42580
E	425m SE	Unspecified Tank	1939	38157
E	425m SE	Tanks	1951	42580
E	425m SE	Unspecified Tank	1979	38153
E	427m SE	Tanks	1979	39672
I	427m SW	Tanks	1967	44475
E	427m E	Unspecified Tank	1939	43641
E	428m SE	Tanks	1979	39671
E	428m E	Unspecified Tank	1951	44179
I	429m SW	Tanks	1968	44475
I	429m SW	Tanks	1975	44475
E	429m E	Unspecified Tank	1951	44179
E	429m SE	Tanks	1979	39674
E	430m SE	Tanks	1979	39675
E	433m E	Unspecified Tank	1917	38159
I	440m SW	Unspecified Tank	1967	42596
I	442m SW	Gas Works	1968	41062
E	446m E	Unspecified Tank	1917	40932



ID	Location	Land Use	Date	Group ID
E	446m E	Unspecified Tank	1939	40932
I	452m SW	Unspecified Tank	1968	42757
I	452m SW	Unspecified Tank	1975	44409
I	453m SW	Unspecified Tank	1968	42757
AA	472m E	Unspecified Tank	1951	43880
AA	473m E	Unspecified Tank	1951	43880
AF	478m SW	Gas Works	1968	41062
AG	479m SE	Unspecified Tank	1951	43694
AH	480m SE	Unspecified Tank	1951	42207
AG	480m SE	Unspecified Tank	1951	43694
AA	480m E	Tanks	1979	39668
AH	480m SE	Unspecified Tank	1951	42207
AG	481m SE	Unspecified Tank	1917	42604
AG	482m SE	Unspecified Tank	1939	44666
AA	487m E	Tanks	1979	43159
AA	487m E	Tanks	1971	43159
AH	487m SE	Unspecified Tank	1967	42253
AH	487m SE	Unspecified Tank	1968	42253
AH	488m SE	Unspecified Tank	1964	42253
AH	488m SE	Unspecified Tank	1957	42253
AH	488m SE	Unspecified Tank	1951	42253
AH	488m SE	Unspecified Tank	1951	42253
AH	489m SE	Unspecified Tank	1917	41019
AH	489m SE	Unspecified Tank	1939	41019
AH	490m SE	Unspecified Tank	1951	42961
AH	491m SE	Unspecified Tank	1951	42961
AH	492m SE	Unspecified Tank	1917	42961
AH	492m SE	Unspecified Tank	1939	42961



ID	Location	Land Use	Date	Group ID
AI	496m E	Unspecified Tank	1951	40101
AI	497m E	Unspecified Tank	1951	40101
AG	497m SE	Unspecified Tank	1939	42406
AG	498m SE	Unspecified Tank	1917	42406

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	71
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Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 27**

ID	Location	Land Use	Date	Group ID
A	On site	Electricity Transformer	1975	19799
A	On site	Electricity Substation	1990	22965
A	On site	Electricity Substation	1991	22965
D	114m E	Gas Works	1899	23085
D	120m E	Gas Works	1881	23085
D	122m E	Gasometers	1881	19719
H	136m SE	Electricity Substation	1990	20365
H	136m SE	Electricity Substation	1991	20365
H	137m SE	Electricity Transformer	1967	20378
H	138m SE	Electricity Transformer	1968	20307
H	138m SE	Electricity Transformer	1975	20307
D	164m E	Gasometer	1899	20030
I	170m SW	Gas Works	1967	20288
I	171m SW	Gas Works	1968	22028
I	171m SW	Gas Works	1975	22028
J	171m SW	Gas Holder Station	1990	22544



ID	Location	Land Use	Date	Group ID
J	171m SW	Gas Holder Station	1991	22544
J	221m SW	Gas Works	1950	22233
J	229m SW	Gasometer	1967	22607
J	229m SW	Gasometer	1968	20944
J	229m SW	Gasometer	1975	20944
J	231m SW	Gasholder	1990	20139
J	231m SW	Gasholder	1991	20139
J	232m SW	Gas Works	1951	21215
R	244m N	Electricity Substation	1989	22235
R	244m N	Electricity Substation	1989	22235
R	244m N	Electricity Substation	1991	22235
R	244m N	Electricity Substation	1991	22235
T	254m W	Electricity Transformer	1967	22557
T	255m W	Electricity Transformer	1968	22557
T	255m W	Electricity Transformer	1975	22557
T	255m W	Electricity Transformer	1990	22557
T	255m W	Electricity Transformer	1991	22557
J	280m W	Electricity Substation	1990	20395
J	280m W	Electricity Substation	1991	20395
U	283m W	Electricity Substation	1990	23166
U	283m W	Electricity Substation	1991	23166
U	284m W	Electricity Substation	1968	23622
U	284m W	Electricity Substation	1975	23622
U	284m W	Electricity Substation	1950	23622
U	289m W	Electricity Substation	1951	20200
U	289m W	Electricity Substation	1967	20200
J	294m SW	Gasometer	1899	20040
U	320m W	Electricity Substation	1968	23622



ID	Location	Land Use	Date	Group ID
U	320m W	Electricity Substation	1991	21099
U	320m W	Electricity Substation	1986	21099
U	325m W	Electricity Substation	1967	19284
J	333m SW	Gasometer	1951	20848
J	333m SW	Gasometer	1967	20848
J	334m SW	Gasometer	1975	22369
J	334m SW	Gasometer	1950	22369
J	335m W	Gas Works	1951	22233
Y	335m W	Gas Works	1968	22028
I	345m SW	Gasometer	1967	20041
J	350m SW	Gasometer	1968	21501
J	350m SW	Gasometer	1951	22369
E	404m SE	Electricity Substation	1979	19285
AB	413m N	Electricity Substation	1988	20266
AB	413m N	Electricity Substation	1993	20266
E	420m SE	Electricity Substation	1991	19286
E	424m SE	Electricity Substation	1971	19288
AC	440m NE	Electricity Substation	1993	21375
AC	441m NE	Electricity Substation	1988	21375
I	442m SW	Gas Works	1968	22028
AD	474m NE	Electricity Substation	1968	19320
AD	478m NE	Electricity Substation	1993	21818
AD	478m NE	Electricity Substation	1988	21818
AF	478m SW	Gas Works	1968	22028
AE	498m E	Gas Governor	1993	21346
AE	498m E	Gas Governor	1991	21346
AE	498m E	Gas Governor	1988	21022

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

38

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 27**

ID	Location	Land Use	Date	Group ID
A	12m SW	Garage	1950	7466
A	27m SE	Garage	1979	7666
A	27m SE	Garage	1991	7666
A	29m SE	Repair Works	1968	7874
A	29m SE	Repair Works	1967	7874
A	30m SE	Repair Works	1971	7066
A	35m SW	Garage	1950	7466
A	96m SE	Garage	1979	7763
A	96m SE	Garage	1991	7763
A	113m E	Garage	1979	7645
A	113m E	Garage	1991	7645
A	113m E	Garage	1968	7428
A	114m E	Garage	1967	7428
A	114m E	Garage	1971	7428
F	161m NE	Garage	1991	7003
F	172m NE	Garage	1979	7975



ID	Location	Land Use	Date	Group ID
F	173m NE	Garage	1964	7975
F	173m NE	Garage	1957	7975
F	173m NE	Garage	1967	7975
F	173m NE	Garage	1971	7975
F	173m NE	Garage	1951	7975
F	173m NE	Garage	1968	7331
M	214m E	Garage	1951	7609
M	214m E	Garage	1957	7609
M	231m E	Garage	1991	7204
P	232m NW	Garage	1964	7111
M	241m E	Garage	1979	6896
5	244m E	Garage	1979	6667
P	259m NW	Garage	1957	6930
P	259m NW	Garage	1967	7821
P	259m NW	Garage	1951	7821
P	260m NW	Garage	1989	7961
P	260m NW	Garage	1989	7961
P	260m NW	Garage	1991	7961
P	260m NW	Garage	1991	7961
W	292m NW	Garage	1951	7760
W	295m NW	Garage	1957	7760
10	354m W	Garage	1991	6648

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

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

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

3.5 Historical waste sites

Records within 500m

7

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 44**

ID	Location	Address	Further Details	Date
A	118m E	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1970
A	118m E	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1968
A	118m E	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979

ID	Location	Address	Further Details	Date
A	118m E	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
C	212m SE	Site Address: Byass Works, Former Kancoat Premises, PORT TALBOT, West Glamorgan, SA13 1RS	Type of Site: Recycling Centre (C/U) Planning application reference: 95/9946 Description: C/u from industrial. An application (ref: 95/9946) for Detailed Planning permission was submitted to Neath & Port Talbot B.C. on 28th March 1995. Data source: Historic Planning Application Data Type: Point	-
C	212m SE	Site Address: Old Bypass Works, PORT TALBOT, West Glamorgan	Type of Site: Recycling Centre (Extension) Planning application reference: 95/9975 Description: Single storey rest room and store. An application (ref: 95/9975) for Detailed Planning permission was submitted to Neath & Port Talbot B.C. on 21st April 1995. Data source: Historic Planning Application Data Type: Point	-
E	258m E	Site Address: Byass Works, Docks Road, PORT TALBOT, West Glamorgan, SA13 1RS	Type of Site: Waste Transfer Station (Cou) Planning application reference: P/97/0530 Description: Change of use of building to a waste transfer station with office. An application (ref: P/97/0530) for Detailed Planning permission was submitted to Neath & Port Talbot B.C. on 15th May 1997. 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

29

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

Features are displayed on the Waste and landfill map on **page 44**



ID	Location	Details		
B	178m SE	Site Name: Jem Recycling 1 Port Talbot Skips Site Address: Byass Works, Docks Road, Port Talbot, SA13 1ER Correspondence Address: Byass Works, Docks Road, Port Talbot, SA13 1ER	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: JEM003 EPR reference: - Operator: Jem Recycling Ltd Waste Management licence No: 34168 Annual Tonnage: 0	Issue Date: 30/03/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 01/04/2000 Cancelled Date: - Status: Expired
B	178m SE	Site Name: Jem Recycling 1 Phase 2 Site Address: Old Byass Works, Docks Road, Port Talbot, SA13 1ER Correspondence Address: Martin Harry, Old Byass Works, Docks Road, Port Talbot, SA13 1ER	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JEM001 EPR reference: - Operator: Jem Recycling Ltd Waste Management licence No: 34154 Annual Tonnage: 0	Issue Date: 01/04/1998 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 01/04/2000 Cancelled Date: - Status: Expired
B	178m SE	Site Name: Jem Recycling 1 Port Talbot Skips Site Address: Old Byass Works, Old Byass Works, Docks Road, Port Talbot, N P T, SA13 1ER Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JEM003 EPR reference: CP3898FU/A001 Operator: Jem Recycling Ltd Waste Management licence No: 34168 Annual Tonnage: 25000	Issue Date: 30/03/1994 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 2.00004e+016 Cancelled Date: 0 Status: Expired



ID	Location	Details		
B	178m SE	Site Name: Jem Recycling 2 Adjoining 1 Site Address: Old Byass Works, Docks Road, Port Talbot, N P T, SA13 1ER Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JEM002 EPR reference: EA/EPR/HP3398FP/A001 Operator: Jem Recycling Ltd Waste Management licence No: 34142 Annual Tonnage: 19274	Issue Date: 24/12/1996 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 01/04/2000 Cancelled Date: - Status: Expired
B	178m SE	Site Name: Jem Recycling 1 Port Talbot Skips Site Address: Old Byass Works, Old Byass Works, Docks Road, Port Talbot, N P T, SA13 1ER Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JEM003 EPR reference: EA/EPR/CP3898FU/A001 Operator: Jem Recycling Ltd Waste Management licence No: 34168 Annual Tonnage: 25000	Issue Date: 30/03/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 01/04/2000 Cancelled Date: - Status: Expired
B	178m SE	Site Name: Jem Recycling 1 Phase 2 Site Address: Old Byass Works, Docks Road, Port Talbot, N P T, SA13 1ER Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JEM001 EPR reference: EA/EPR/FP3998FH/A001 Operator: Jem Recycling Ltd Waste Management licence No: 34154 Annual Tonnage: 5932	Issue Date: 01/04/1998 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 01/04/2000 Cancelled Date: - Status: Expired



ID	Location	Details		
B	178m SE	Site Name: Jem Recycling 1 Phase 2 Site Address: Old Byass Works, Docks Road, Port Talbot, N P T, SA13 1ER Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JEM001 EPR reference: FP3998FH/A001 Operator: Jem Recycling Ltd Waste Management licence No: 34154 Annual Tonnage: 5932	Issue Date: 01/04/1998 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 2.00004e+016 Cancelled Date: 0 Status: Expired
B	178m SE	Site Name: Jem Recycling 2 Adjoining 1 Site Address: Old Byass Works, Docks Road, Port Talbot, N P T, SA13 1ER Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JEM002 EPR reference: HP3398FP/A001 Operator: Jem Recycling Ltd Waste Management licence No: 34142 Annual Tonnage: 19274	Issue Date: 24/12/1996 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 2.00004e+016 Cancelled Date: 0 Status: Expired
D	254m SE	Site Name: Paper Dragon Site Address: Former Byass Works, Docks Road, Port Talbot, N P T, SA13 1RS Correspondence Address: Former Byass Works, Docks Road, Port Talbot, N P T, SA13 1RS	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DRA001 EPR reference: - Operator: Draig Recycling Ltd Waste Management licence No: 34283 Annual Tonnage: 24999	Issue Date: 25/08/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
D	254m SE	Site Name: Port Talbot Recovery Centre Site Address: Former Byass Works, Docks Road, Port Talbot, N P T, SA13 1RS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EGA006 EPR reference: EA/EPR/LB3933DA/V002 Operator: Egan Metal Recycling Limited Waste Management licence No: 34283 Annual Tonnage: 24999	Issue Date: 25/08/2006 Effective Date: 23/11/2012 Modified: 04/04/2013 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
D	254m SE	Site Name: Paper Dragon Site Address: Former Byass Works, Docks Road, Port Talbot, N P T, SA13 1RS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 342083 EPR reference: EA/EPR/JP3898FC/T002 Operator: The Recycling Company Limited Waste Management licence No: 34283 Annual Tonnage: 24999	Issue Date: 25/08/2006 Effective Date: 14/02/2007 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
D	254m SE	Site Name: - Site Address: Port Talbot Recovery Centre, Former Byass Works, Docks Road, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: LB3933DA EPR reference: - Operator: Egan Metal Recycling Limited Waste Management licence No: 0 Annual Tonnage: 24999	Issue Date: 25/08/2006 Effective Date: 25/08/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired



ID	Location	Details		
D	254m SE	Site Name: - Site Address: Port Talbot Recovery Centre, Former Byass Works, Docks Road, Port Talbot, N P T, SA13 1RS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: LB3933DA EPR reference: - Operator: - Waste Management licence No: 34283 Annual Tonnage: 24999	Issue Date: 25/08/2006 Effective Date: 25/08/2006 Modified: - Surrendered Date: - Expiry Date: 14/11/2015 Cancelled Date: - Status: Expired
D	254m SE	Site Name: - Site Address: Port Talbot Recovery Centre, Former Byass Works, Docks Road, Port Talbot, N P T, SA13 1RS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: LB3933DA EPR reference: - Operator: Egan Metal Recycling Limited Waste Management licence No: 34283 Annual Tonnage: 24999	Issue Date: 25/08/2006 Effective Date: 25/08/2006 Modified: - Surrendered Date: - Expiry Date: 14/11/2015 Cancelled Date: - Status: Expired
D	254m SE	Site Name: - Site Address: Port Talbot Recovery Centre, Former Byass Works, Docks Road, Port Talbot, N P T, SA13 1RS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: LB3933DA EPR reference: - Operator: Egan Metal Recycling Limited Waste Management licence No: 34283 Annual Tonnage: 24999	Issue Date: 25/08/2006 Effective Date: 25/08/2006 Modified: - Surrendered Date: - Expiry Date: 14/11/2015 Cancelled Date: - Status: Expired
D	254m SE	Site Name: - Site Address: Port Talbot Recovery Centre, Former Byass Works, Docks Road, N P T, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: LB3933DA EPR reference: - Operator: Egan Metal Recycling Limited Waste Management licence No: 34283 Annual Tonnage: 24999	Issue Date: 25/08/2006 Effective Date: 25/08/2006 Modified: - Surrendered Date: - Expiry Date: 14/11/2015 Cancelled Date: - Status: Expired



ID	Location	Details		
D	255m SE	Site Name: Port Talbot Recovery Centre Site Address: Former Byass Works, Docks Road, Port Talbot, N P T, SA13 1RS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: EGA006 EPR reference: LB3933DA/V002 Operator: Egan Metal Recycling Limited Waste Management licence No: 34283 Annual Tonnage: 0	Issue Date: 25/08/2006 Effective Date: 23/11/2012 Modified: 04/04/2013 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Modified
D	255m SE	Site Name: - Site Address: Byass Works, Byass Works, The Docks, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: - Environmental Permitting Regulations (Waste) Licence Number: AB3895CN EPR reference: - Operator: A W D Group Ltd Waste Management licence No: 0 Annual Tonnage: 75000	Issue Date: 18/09/2018 Effective Date: 18/09/2018 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
D	255m SE	Site Name: - Site Address: Byass Works, Byass Works, The Docks, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: - Environmental Permitting Regulations (Waste) Licence Number: AB3895CN EPR reference: - Operator: A W D Group Ltd Waste Management licence No: 0 Annual Tonnage: 75000	Issue Date: 18/09/2018 Effective Date: 18/09/2018 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
D	255m SE	Site Name: - Site Address: Byass Works, Byass Works, Neath Port Talbot, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: AB3895CN EPR reference: - Operator: A W D Group Ltd Waste Management licence No: 0 Annual Tonnage: 75000	Issue Date: 04/06/2018 Effective Date: 04/06/2018 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
E	300m E	Site Name: - Site Address: C. P. Harvey (Scrap) Limited, The Docks, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: PP3298FX EPR reference: - Operator: C. P. Harvey (Scrap) Limited Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 30/01/1994 Effective Date: 30/01/1994 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
E	300m E	Site Name: C P Harvey Plant Hire Ltd Site Address: Old Byass Works, Cramic Way, Port Talbot, N P T, SA13 1RU Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HAR001 EPR reference: EA/EPR/PP3298FX/A001 Operator: C P Harvey Recycling Ltd Waste Management licence No: 34040 Annual Tonnage: 30000	Issue Date: 30/01/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	300m E	Site Name: C P Harvey Plant Hire Ltd Site Address: Old Byass Works, Cramic Way, Port Talbot, N P T, SA13 1RU Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HAR001 EPR reference: PP3298FX/A001 Operator: C P Harvey Recycling Ltd Waste Management licence No: 34040 Annual Tonnage: 30000	Issue Date: 30/01/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	300m E	Site Name: - Site Address: - Correspondence Address: -	Type of Site: 75kte Metal Recycling Site Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: PP3298FX EPR reference: - Operator: - Waste Management licence No: 34040 Annual Tonnage: 75000	Issue Date: 01/09/2016 Effective Date: 01/09/2016 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
E	300m E	Site Name: - Site Address: Old Byass Works, The Docks, Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: 75kte Metal Recycling Site Size: - Environmental Permitting Regulations (Waste) Licence Number: PP3298FX EPR reference: - Operator: Cuddy Recycling Ltd Waste Management licence No: 34040 Annual Tonnage: 75000	Issue Date: 01/09/2016 Effective Date: 01/09/2016 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
E	300m E	Site Name: - Site Address: Old Byass Works, The Docks, Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: 75kte Metal Recycling Site Size: - Environmental Permitting Regulations (Waste) Licence Number: PP3298FX EPR reference: - Operator: Cuddy Recycling Ltd Waste Management licence No: 34040 Annual Tonnage: 75000	Issue Date: 01/09/2016 Effective Date: 01/09/2016 Modified: - Surrendered Date: - Expiry Date: 01/05/2020 Cancelled Date: - Status: Expired
E	300m E	Site Name: - Site Address: Old Byass Works, The Docks, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: PP3298FX EPR reference: - Operator: Cuddy Recycling Ltd Waste Management licence No: 34040 Annual Tonnage: 75000	Issue Date: 01/09/2016 Effective Date: 01/09/2016 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
E	301m E	Site Name: C. P. Harvey (Scrap) Limited Site Address: Old Byass Works, The Docks, Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: 75kte Metal Recycling Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HAR001 EPR reference: PP3298FX/V006 Operator: C. P. Harvey (Scrap) Limited Waste Management licence No: 34040 Annual Tonnage: 150	Issue Date: 30/01/1994 Effective Date: - Modified: 26/06/2015 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Modified



ID	Location	Details		
E	313m E	Site Name: C P Harvey Plant Hire Ltd Site Address: Old Bypass Works, Cramic Way, Port Talbot, SA13 1RF Correspondence Address: Alexandra House, 1, Alexandra Road, Swansea, SA1 5ED	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HAR001 EPR reference: - Operator: C P Harvey Recycling Ltd Waste Management licence No: 34040 Annual Tonnage: 0	Issue Date: 30/01/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m	15
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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 44**

ID	Location	Site	Reference	Category	Sub-Category	Description
D	227m SE	AWD GROUP LTD, A W D Group Ltd, Byass Works, Dock Road, The Docks, Port Talbot, Castell-nedd Port Talbot, SA13 1RS	NRW-WME064792	Treating waste exemption	Not on a farm	Manual treatment of waste
D	227m SE	AWD GROUP LTD, A W D Group Ltd, Byass Works, Dock Road, The Docks, Port Talbot, Castell-nedd Port Talbot, SA13 1RS	NRW-WME064792	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	227m SE	AWD GROUP LTD, A W D Group Ltd, Byass Works, Dock Road, The Docks, Port Talbot, Castell-nedd Port Talbot, SA13 1RS	NRW-WME064792	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	302m E	The old Byass works, Longs industrial est, The docks, Port Talbot, SA13 1RS	WEX116522	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	302m E	The old Byass works, Longs industrial est, The docks, Port Talbot, SA13 1RS	WEX116522	Treating waste exemption	Not on a farm	Sorting mixed waste

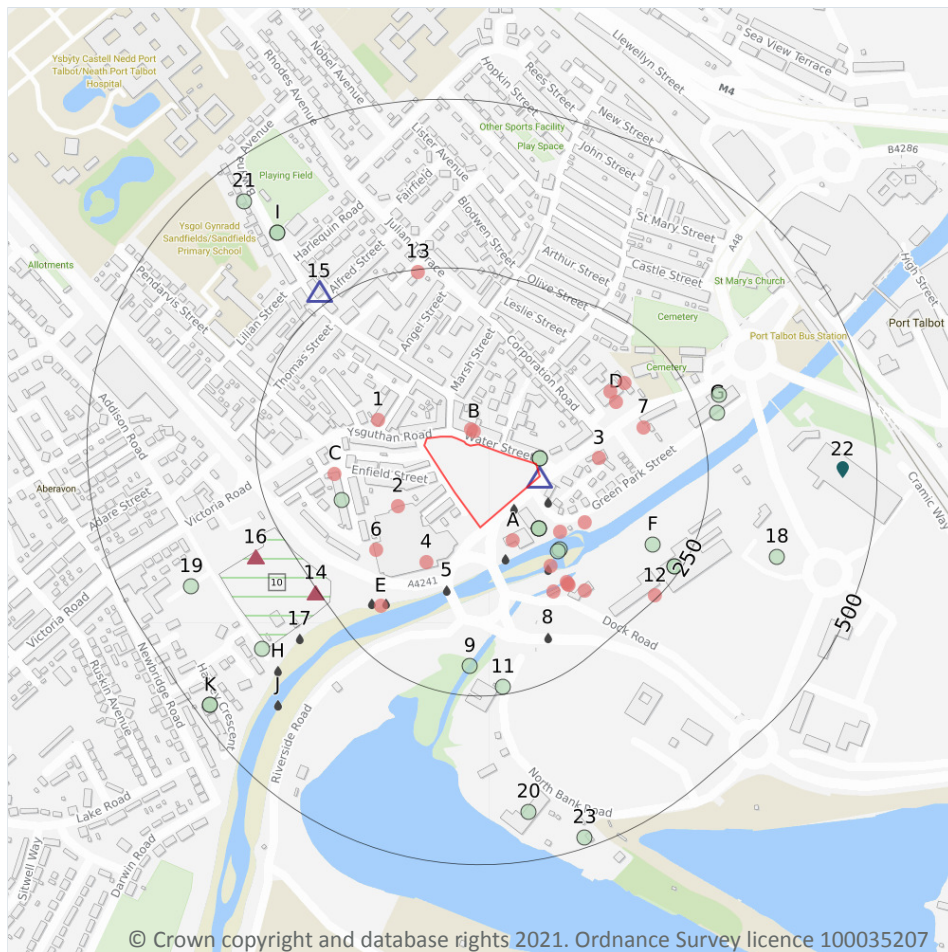


ID	Location	Site	Reference	Category	Sub-Category	Description
E	302m E	The old Byass works, Longs industrial est, The docks, Port Talbot, SA13 1RS	WEX116522	Treating waste exemption	Not on a farm	Manual treatment of waste
E	302m E	The old Byass works, Longs industrial est, The docks, Port Talbot, SA13 1RS	WEX116522	Using waste exemption	Not on a farm	Use of waste in construction
E	302m E	AWD GROUP LTD, Former Byass Works, Docks Way, sa131rs	NRW-WME028231	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	302m E	AWD GROUP LTD, Former Byass Works, Docks Way, sa131rs	NRW-WME028231	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	302m E	AWD GROUP LTD, Former Byass Works, Docks Way, sa131rs	NRW-WME028231	Treating waste exemption	Not on a farm	Manual treatment of waste
E	302m E	AWD GROUP LTD, Former byass works, Docks Road, Port Talbot, Castell-nedd Port Talbot, SA131RS	NRW-WME028232	Treating waste exemption	Not on a farm	Sorting mixed waste
E	302m E	AWD GROUP LTD, Former byass works, Docks Road, Port Talbot, Castell-nedd Port Talbot, SA131RS	NRW-WME028232	Using waste exemption	Not on a farm	Use of waste in construction
E	302m E	AWD GROUP LTD, Former byass works, Docks Road, Port Talbot, Castell-nedd Port Talbot, SA131RS	NRW-WME028232	Treating waste exemption	Not on a farm	Recovery of scrap metal
F	427m S	Evans Hydraulics Limited T/A DWE Hydraulics & Pneumatics, North Bnak Road, The Docks, Port Talbot, SA131RE	NRW-WME053634	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
F	427m S	Generator Power Ltd, The Docks, Port Talbot, SA13 1RE	NRW-WME000869	Storing waste exemption	Waste Exemption - Non-Agricultural	Storage of waste in secure containers

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



4 Current industrial land use



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

4.1 Recent industrial land uses

Records within 250m

24

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 57**

ID	Location	Company	Address	Activity	Category
B	20m N	Knight Services	182a, Water Street, Port Talbot, West Glamorgan, SA12 6LL	Electronic Equipment	Industrial Products
B	21m NE	Talbot Blind Co	184, Water Street, Port Talbot, West Glamorgan, SA12 6LL	Curtains and Blinds	Consumer Products



ID	Location	Company	Address	Activity	Category
A	46m SE	ATS Euromaster Ltd	Afan Way, Port Talbot, West Glamorgan, SA12 6NR	Vehicle Parts and Accessories	Motoring
1	77m W	Qtronic Alarms & Vision	3, Beach Street, Port Talbot, West Glamorgan, SA12 6NA	Electronic Equipment	Industrial Products
2	82m SW	Tank	West Glamorgan, SA12	Tanks (Generic)	Industrial Features
A	82m SE	Slipway	West Glamorgan, SA12	Moorings and Unloading Facilities	Water
3	92m E	Best at Hire	Water Street, Port Talbot, West Glamorgan, SA12 6LF	Construction and Tool Hire	Hire Services
A	94m SE	Pumping Station	West Glamorgan, SA12	Water Pumping Stations	Industrial Features
4	95m SW	Works	West Glamorgan, SA12	Unspecified Works Or Factories	Industrial Features
A	111m SE	Outfall	West Glamorgan, SA12	Waste Storage, Processing and Disposal	Infrastructure and Facilities
C	139m W	Celtic Leather & Fabric	Unit 1, Henshaw Street, Port Talbot, West Glamorgan, SA12 6NH	Textiles, Fabrics, Silk and Machinery	Industrial Products
A	143m SE	Pumping Station	West Glamorgan, SA13	Water Pumping Stations	Industrial Features
6	144m SW	Site Heat Treatment Services Ltd	Unit 2, Henshaw Street, Port Talbot, West Glamorgan, SA12 6NH	Industrial Coatings and Finishings	Industrial Products
A	145m SE	Tank	West Glamorgan, SA13	Tanks (Generic)	Industrial Features
A	148m SE	Tank	West Glamorgan, SA13	Tanks (Generic)	Industrial Features
D	150m NE	Business Centre	West Glamorgan, SA12	Business Parks and Industrial Estates	Industrial Features
A	150m SE	Tank	West Glamorgan, SA13	Tanks (Generic)	Industrial Features
D	154m NE	Brandon Hire	Water Street, Port Talbot, West Glamorgan, SA12 6LF	Construction and Tool Hire	Hire Services
7	168m E	Electricity Sub Station	West Glamorgan, SA12	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
A	172m SE	Exuma Plant Hire	Exuma Plant, Dock Road, Port Talbot, West Glamorgan, SA13 1RS	Construction and Tool Hire	Hire Services
D	178m NE	B Harwood & Son Ltd	Water Street, Port Talbot, West Glamorgan, SA12 6LF	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	188m SW	Outfall	West Glamorgan, SA13	Waste Storage, Processing and Disposal	Infrastructure and Facilities
12	246m SE	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
13	247m N	Electricity Sub Station	West Glamorgan, SA12	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	2
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 57**

ID	Location	Company	Address	LPG	Status
A	On site	OBSOLETE	Afan Way, Port Talbot, Neath Port Talbot, SA12 6NR	Not Applicable	Obsolete
15	270m NW	OBSOLETE	63, Sandifields Road, Port Talbot, Neath Port Talbot, SA12 6LR	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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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**1**

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

Features are displayed on the Current industrial land use map on **page 57**

ID	Location	Company	Address	Operational status	Tier
10	226m SW	British Gas	British Gas, Aberavon Gasworks, Victoria Road, Port Talbot, SA13 1PN	Historical NIHHS Site	-

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

2

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 57**

ID	Location	Details	
14	254m SW	Application reference number: 92/8976 Application status: Historical Consent Application date: 01/01/1992 Address: Aberavon Gas Works, Port Talbot, West Glamorgan, SA12 6DB	Details: Storage of hazardous substances. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
16	300m SW	Application reference number: No details. Application status: Historical Consent Application date: No Details Address: Transco Plc, Victoria Road, Aberavon, Port Talbot, SA12 6DB	Details: No Details 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

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

0

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

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



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

Records within 500m

1

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 57**

ID	Location	Address	Details	
22	448m E	Rhino Engineering Limited, Cramic House, Cramic Way, Port Talbot, SA13 1RU	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No enforcements issued Date of enforcement: No enforcements issued Comment: No enforcements issued

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

12

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 57**

ID	Location	Address	Details	
A	12m SE	MOORS CULVERT 30 METRES U/S ROAD BR, MOORS CULVERT 30 METRES U/S ROAD, 30 METRES U/S ROAD BRIDGE ABERA, ABERAVON	Effluent Type: UNSPECIFIED Permit Number: BP0240201 Permit Version: 1 Receiving Water: RIVER AFAN	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 21/07/1994 Effective Date: 21/07/1994 Revocation Date: 11/03/2003
A	36m SE	PORT TALBOT DOCKS - OVERFLOW F	Effluent Type: UNSPECIFIED Permit Number: BP0055728 Permit Version: 1 Receiving Water: PORT TALBOT DOCKS	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 18/09/1987 Effective Date: 18/09/1987 Revocation Date: 18/11/1992



ID	Location	Address	Details	
A	59m SE	CSO NO 126 MOORS ST CULVERT AFAN, CSO NO 126, MOORS STREET CULVERT, AFAN, NEATH PORT TALBOT CBC	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0240201 Permit Version: 2 Receiving Water: THE AFON AFAN	Status: Effective Issue date: 11/03/2003 Effective Date: 12/03/2003 Revocation Date: -
5	106m SW	ISAACS PLCE SJC PORT T	Effluent Type: UNSPECIFIED Permit Number: BB4025506 Permit Version: 1 Receiving Water: UNNAMED	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 19/07/1978 Effective Date: 19/07/1978 Revocation Date: 14/03/1994
A	112m SE	ABBAY BSC WORKS	Effluent Type: UNSPECIFIED Permit Number: BO5081401 Permit Version: 1 Receiving Water: BETSI LAGOON	Status: REVOKED (WRA 91, S88 & SCHD 10 AS AMENDED BY ENV Issue date: 20/10/1989 Effective Date: 20/10/1989 Revocation Date: 31/03/2004
E	180m SW	WATER ST.CJC PORT TALB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BB4025505 Permit Version: 1 Receiving Water: River Tawe	Status: Surrendered Issue date: 19/07/1978 Effective Date: 19/07/1978 Revocation Date: -
8	191m SE	PORT TALBOT DOCKS - SECURITY B	Effluent Type: UNSPECIFIED Permit Number: BP0055705 Permit Version: 1 Receiving Water: PORT TALBOT DOCKS	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 18/09/1987 Effective Date: 18/09/1987 Revocation Date: 16/12/1992
E	196m SW	HENSHAW ST.SJC. PORT T	Effluent Type: UNSPECIFIED Permit Number: BB4025504 Permit Version: 1 Receiving Water: UNNAMED	Status: REVOKED (WRA 91, S88 & SCHD 10 AS AMENDED BY ENV Issue date: 19/07/1978 Effective Date: 19/07/1978 Revocation Date: 31/03/2004
17	314m SW	CSO 104 NEWBRIDGE ROAD PUMPING STAT, CSO 104, NEWBRIDGE ROAD PUMPING STATION, PORT TALBOT, NEATH PORT TALBOT CBC	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: BB4025501 Permit Version: 2 Receiving Water: River Tawe	Status: Effective Issue date: 31/03/2004 Effective Date: 01/04/2004 Revocation Date: -
H	368m SW	GASWORKS SEWER JUNCTION CHAMBER PO, GASWORKS SEWER JUNCTION CHAMBER, CHAMBER PORT TALBOT, PORT TALBOT, PORT TALBO	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BB4025503 Permit Version: 1 Receiving Water: River Tawe	Status: Surrendered Issue date: 19/07/1978 Effective Date: 19/07/1978 Revocation Date: -



ID	Location	Address	Details	
J	399m SW	PORT TALBOT RESIDENTIAL DEVELOPMENT, NEWBRIDGE ROAD	Effluent Type: UNSPECIFIED Permit Number: BP0105101 Permit Version: 2 Receiving Water: RIVER AFAN	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 03/11/1988 Effective Date: 03/11/1988 Revocation Date: 29/09/1992
J	399m SW	PORT TALBOT RESIDENTIAL DEVELOPMENT, NEWBRIDGE ROAD	Effluent Type: UNSPECIFIED Permit Number: BP0105101 Permit Version: 1 Receiving Water: RIVER AFAN	Status: REVOKED - UNSPECIFIED Issue date: 01/01/1901 Effective Date: 01/01/1901 Revocation Date: 02/11/1988

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

25

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 57**

ID	Location	Details	
A	9m NE	Incident Date: 28/08/2016 Incident Identification: 1700078 Pollutant: - Pollutant Description: -	Water Impact: No Details Land Impact: Category 4 (No Impact) Air Impact: No Details
A	9m NE	Incident Date: 28/08/2016 Incident Identification: 1700078 Pollutant: Oils and Fuels Pollutant Description: Lubricating Oils	Water Impact: No Details Land Impact: Category 4 (No Impact) Air Impact: No Details
A	57m SE	Incident Date: 03/09/2001 Incident Identification: 30441 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	57m SE	Incident Date: 03/09/2001 Incident Identification: 30441 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Food and Drink	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	57m SE	Incident Date: 03/09/2001 Incident Identification: 30441 Pollutant: General Biodegradable Materials and Wastes:General Biodegradable Materials and Wastes Pollutant Description: Food and Drink:Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	101m SE	Incident Date: 09/04/2015 Incident Identification: 1327295 Pollutant: - Pollutant Description: -	Water Impact: - Land Impact: - Air Impact: -
A	102m SE	Incident Date: 30/05/2014 Incident Identification: 1240550 Pollutant: - Pollutant Description: -	Water Impact: - Land Impact: - Air Impact: -



ID	Location	Details	
C	146m SW	Incident Date: 28/08/2001 Incident Identification: 27243 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
F	195m SE	Incident Date: 27/02/2014 Incident Identification: 1212608 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
9	205m S	Incident Date: 29/03/2004 Incident Identification: 225980 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
11	238m S	Incident Date: 17/02/2016 Incident Identification: 1411933 Pollutant: Multiple Pollutants Pollutant Description: 2 Pollutants Including Vehicles and Vehicle Parts	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
F	239m SE	Incident Date: 22/11/2016 Incident Identification: 1607007 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: No Details Land Impact: No Details Air Impact: Category 3 (Minor)
F	239m SE	Incident Date: 22/11/2016 Incident Identification: 1607007 Pollutant: - Pollutant Description: -	Water Impact: No Details Land Impact: No Details Air Impact: Category 3 (Minor)
G	279m E	Incident Date: 12/07/2016 Incident Identification: 1603860 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: No Details Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
G	289m E	Incident Date: 28/05/2003 Incident Identification: 161389 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
H	367m SW	Incident Date: 29/01/2003 Incident Identification: 134055 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
18	371m E	Incident Date: 13/11/2002 Incident Identification: 126446 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)



ID	Location	Details	
I	376m NW	Incident Date: 28/08/2001 Incident Identification: 27380 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
I	376m NW	Incident Date: 28/08/2001 Incident Identification: 27380 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
19	403m SW	Incident Date: 04/01/2005 Incident Identification: 285528 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
20	427m S	Incident Date: 02/11/2001 Incident Identification: 40600 Pollutant: Inert Materials and Wastes Pollutant Description: Rocks and Gravel	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
21	444m NW	Incident Date: 02/10/2002 Incident Identification: 112005 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
K	478m SW	Incident Date: 01/08/2001 Incident Identification: 20916 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
K	478m SW	Incident Date: 09/08/2003 Incident Identification: 180657 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Steam	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
23	484m S	Incident Date: 09/03/2015 Incident Identification: 1319343 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

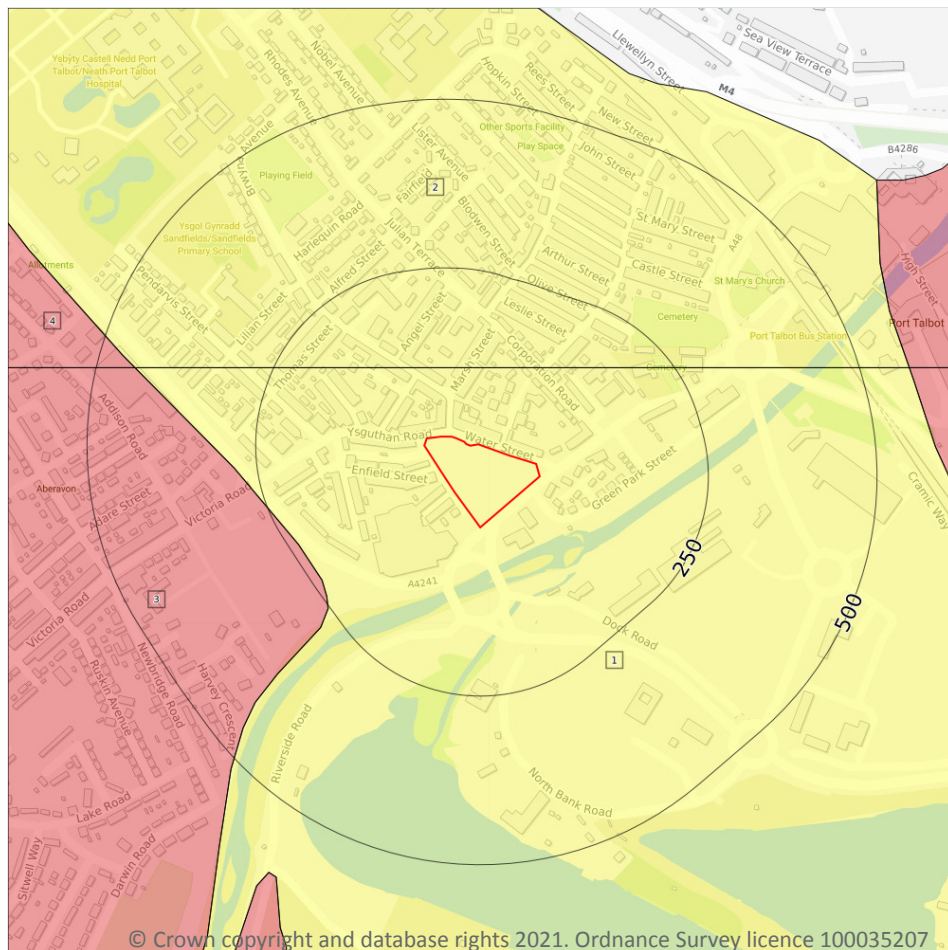
0

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

4

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 69**

ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	102m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

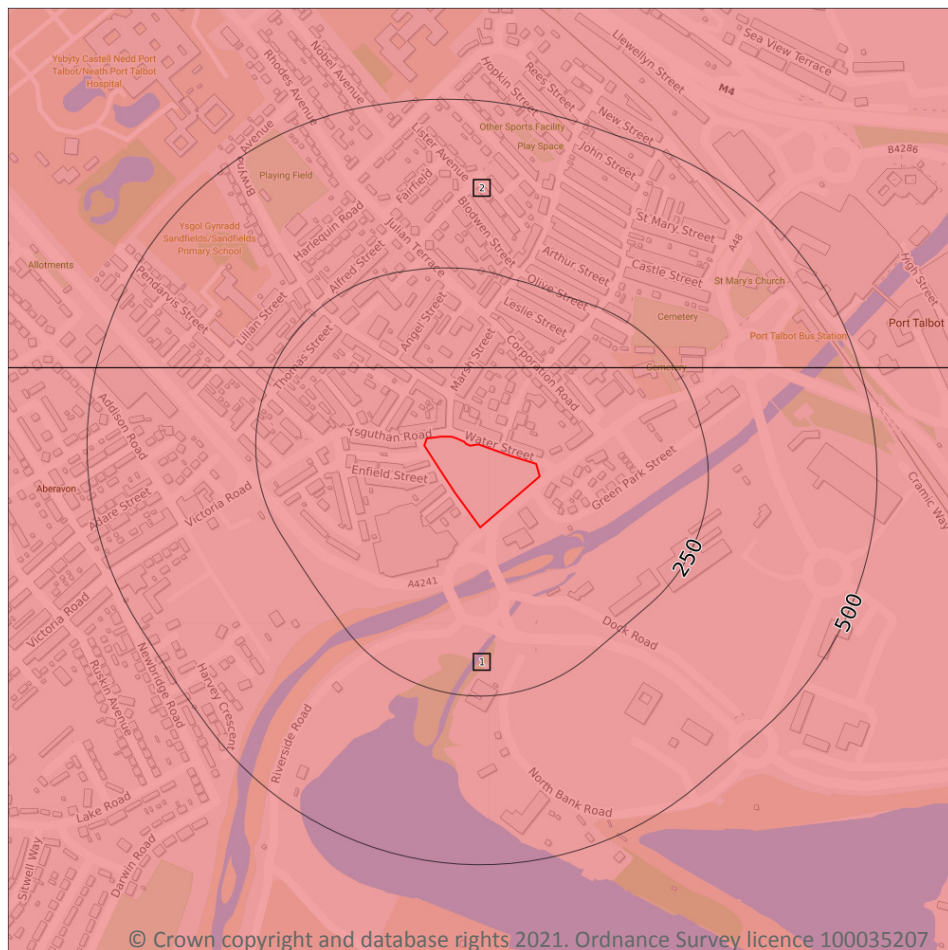


ID	Location	Designation	Description
3	236m SW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	444m W	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 71**

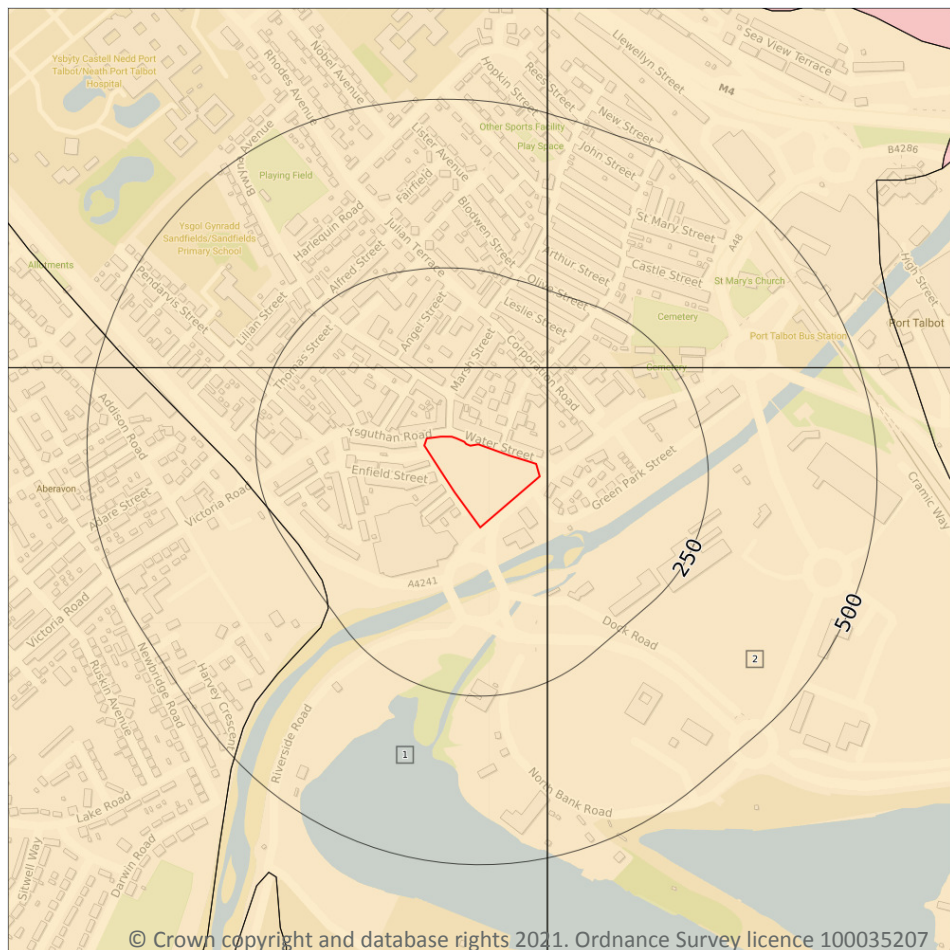
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	102m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers



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



Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability

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

Bedrock vulnerability

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

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m

2

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid.

Groundwater vulnerability is described as High, Medium or Low as follows:

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

Features are displayed on the Groundwater vulnerability map on **page 73**



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
2	11m E	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Medium	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

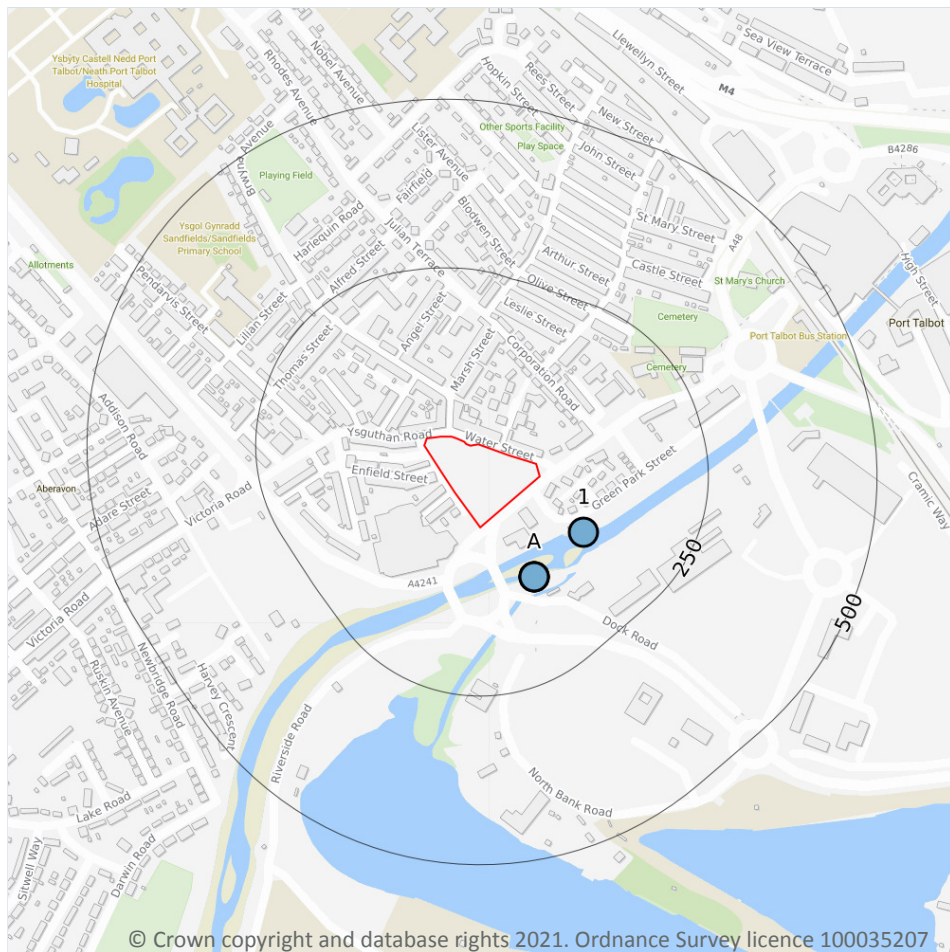
0

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



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

5.6 Groundwater abstractions

Records within 2000m

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

18

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 75**

ID	Location	Details	
1	105m SE	Status: Active Licence No: WA/058/0061/007 Details: Unknown (Impounding) - Direct Source: - Point: - Data Type: Point Name: - Easting: 276054 Northing: 189756	Annual Volume (m ³): 0 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 2012-05-29 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
A	107m SE	Status: Historical Licence No: 21/58/61/0009 Details: Process Water Direct Source: EAW Surface Water Point: RIVER AFAN TO PORT TALBOT DOCKS Data Type: Point Name: Tata Steel UK Limited Easting: 275980 Northing: 189690	Annual Volume (m ³): 14,933,610 Max Daily Volume (m ³): 40914 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
A	107m SE	Status: Historical Licence No: 21/58/61/0009 Details: Evaporative Cooling Direct Source: EAW Surface Water Point: RIVER AFAN TO PORT TALBOT DOCKS Data Type: Point Name: Tata Steel UK Limited Easting: 275980 Northing: 189690	Annual Volume (m ³): 14,933,610 Max Daily Volume (m ³): 40914 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
A	107m SE	Status: Active Licence No: 21/58/61/0009 Details: Evaporative Cooling - High Direct Source: - Point: - Data Type: Point Name: - Easting: 275980 Northing: 189690	Annual Volume (m ³): 14,933,610 Max Daily Volume (m ³): 40,912.80 Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -



ID	Location	Details	
A	107m SE	Status: Active Licence No: 21/58/61/0009 Details: Process Water - Medium Direct Source: - Point: - Data Type: Point Name: - Easting: 275980 Northing: 189690	Annual Volume (m ³): 14,933,610 Max Daily Volume (m ³): 40,912.80 Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	942m S	Status: Historical Licence No: 21/58/61/0042 Details: Dust Suppression Direct Source: EAW Surface Water Point: PORT TALBOT DOCKS PORT TALBOT Data Type: Point Name: Civil and Marine Ltd Easting: 276230 Northing: 188880	Annual Volume (m ³): 5000 Max Daily Volume (m ³): 49.68 Original Application No: - Original Start Date: 15/04/2002 Expiry Date: 14/04/2017 Issue No: 4 Version Start Date: 21/05/2010 Version End Date: -
-	942m S	Status: Historical Licence No: 21/58/61/0042 Details: Process Water Direct Source: EAW Surface Water Point: PORT TALBOT DOCKS PORT TALBOT Data Type: Point Name: Civil and Marine Ltd Easting: 276230 Northing: 188880	Annual Volume (m ³): 8000 Max Daily Volume (m ³): 49.68 Original Application No: - Original Start Date: 15/04/2002 Expiry Date: 31/03/2029 Issue No: 5 Version Start Date: 01/05/2014 Version End Date: -
-	942m S	Status: Active Licence No: 21/58/61/0042 Details: Process Water - Medium Direct Source: - Point: - Data Type: Point Name: - Easting: 276230 Northing: 188880	Annual Volume (m ³): 8,000 Max Daily Volume (m ³): 397.44 Original Application No: - Original Start Date: 2014-05-01 00:00:00.0000000 Expiry Date: 2029-03-31 00:00:00.0000000 Issue No: - Version Start Date: - Version End Date: -
-	965m S	Status: Historical Licence No: 21/58/61/0042 Details: Dust Suppression Direct Source: EAW Surface Water Point: CIVIL & MARINE SLAG CEMENT LTD QUAY AT PORT TALBOT DOCKS Data Type: Point Name: Civil and Marine Ltd Easting: 276240 Northing: 188860	Annual Volume (m ³): 5000 Max Daily Volume (m ³): 49.68 Original Application No: - Original Start Date: 15/04/2002 Expiry Date: 14/04/2017 Issue No: 3 Version Start Date: 12/09/2008 Version End Date: -



ID	Location	Details	
-	1333m SE	Status: Historical Licence No: WA/058/0061/004 Details: Dust Suppression Direct Source: EAW Surface Water Point: PORT TALBOT DOCK AT MARGAM MOORS Data Type: Point Name: Costain Limited Easting: 276967 Northing: 188933	Annual Volume (m ³): 36800 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 05/08/2011 Expiry Date: 31/12/2014 Issue No: 1 Version Start Date: 05/08/2011 Version End Date: -
-	1512m SE	Status: Historical Licence No: 21/58/61/0024 Details: Evaporative Cooling Direct Source: EAW Surface Water Point: RIVER FFRWDWYLLT Data Type: Point Name: Tata Steel UK Limited Easting: 277150 Northing: 188870	Annual Volume (m ³): 2,273,000 Max Daily Volume (m ³): 9819.36 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
-	1512m SE	Status: Historical Licence No: 21/58/61/0024 Details: Process Water Direct Source: EAW Surface Water Point: RIVER FFRWDWYLLT Data Type: Point Name: Tata Steel UK Limited Easting: 277150 Northing: 188870	Annual Volume (m ³): 2,273,000 Max Daily Volume (m ³): 9819.36 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
-	1512m SE	Status: Active Licence No: 21/58/61/0024 Details: Process Water - Medium Direct Source: - Point: - Data Type: Point Name: - Easting: 277150 Northing: 188870	Annual Volume (m ³): 2,273,000 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	1512m SE	Status: Active Licence No: 21/58/61/0024 Details: Evaporative Cooling - High Direct Source: - Point: - Data Type: Point Name: - Easting: 277150 Northing: 188870	Annual Volume (m ³): 2,273,000 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -



ID	Location	Details	
-	1534m SE	Status: Historical Licence No: 21/58/61/0012 Details: Non-Evaporative Cooling Direct Source: EAW Surface Water Point: PORT TALBOT DOCKS Data Type: Point Name: Tata Steel UK Limited Easting: 276890 Northing: 188590	Annual Volume (m ³): 206,615,700 Max Daily Volume (m ³): 590980 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
-	1534m SE	Status: Historical Licence No: 21/58/61/0012 Details: Process Water Direct Source: EAW Surface Water Point: PORT TALBOT DOCKS Data Type: Point Name: Tata Steel UK Limited Easting: 276890 Northing: 188590	Annual Volume (m ³): 206,615,700 Max Daily Volume (m ³): 590980 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
-	1534m SE	Status: Active Licence No: 21/58/61/0012 Details: Non Evaporative Cooling - Low Direct Source: - Point: - Data Type: Point Name: - Easting: 276890 Northing: 188590	Annual Volume (m ³): 206,615,700 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	1534m SE	Status: Active Licence No: 21/58/61/0012 Details: Process Water - Medium Direct Source: - Point: - Data Type: Point Name: - Easting: 276890 Northing: 188590	Annual Volume (m ³): 206,615,700 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - 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

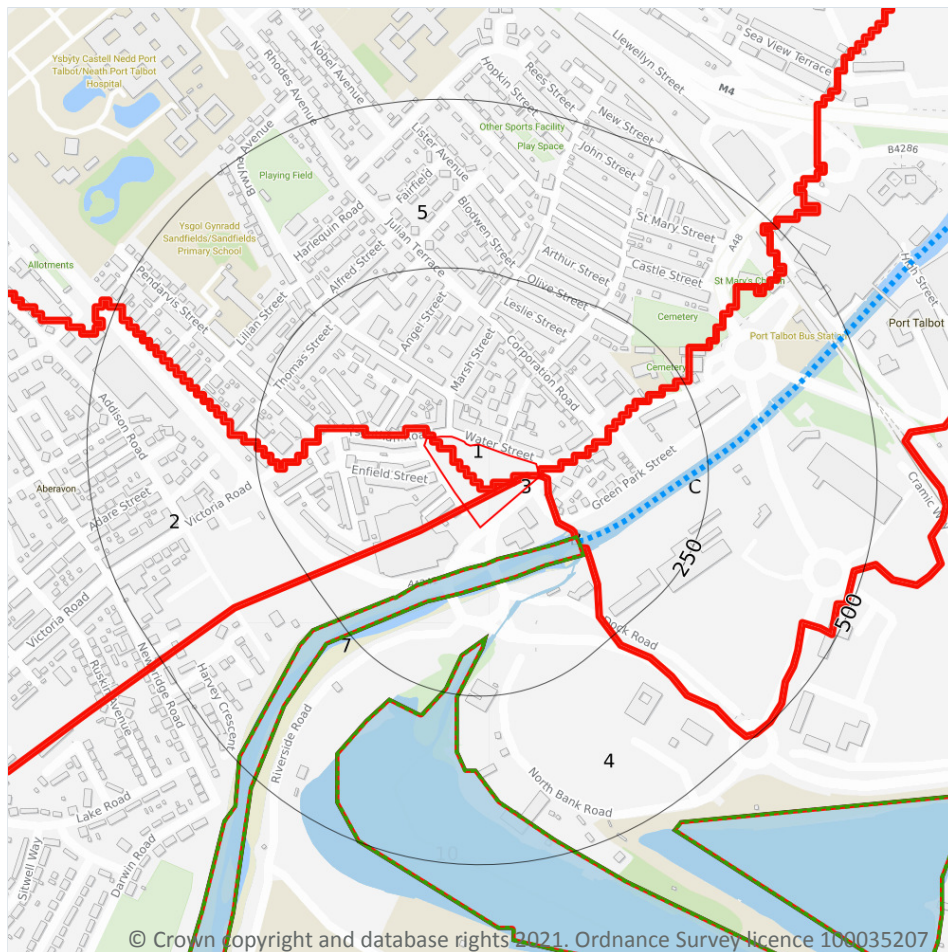
0

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

16

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 81**

ID	Location	Type of water feature	Ground level	Permanence	Name
7	86m S	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan



ID	Location	Type of water feature	Ground level	Permanence	Name
B	88m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	88m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
B	88m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	94m SE	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan
B	94m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan
B	100m SE	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan
B	100m SE	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan
B	113m SE	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan
B	119m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan
B	122m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan
C	122m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan
B	124m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	127m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Afan



ID	Location	Type of water feature	Ground level	Permanence	Name
B	131m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
10	165m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

4

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons. Features are displayed on the Hydrology map on **page 81**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

4

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 81**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	Coastal catchment	Not part of a river WB catchment	331	Neath	Tawe to Cadoxton
3	On site	Coastal catchment	Not part of a river WB catchment	330	Afan	Tawe to Cadoxton
4	On site	Coastal catchment	Not part of a river WB catchment	202	Afan	Tawe to Cadoxton
5	On site	River WB catchment	Baglan Brook - headwaters to conf with River Neath	GB110058026350	Neath	Tawe to Cadoxton

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



6.4 WFD Surface water bodies

Records identified

2

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

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

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
6	51m SE	Transitional	AFAN ESTUARY INCL DOCKS	GB541005800600	Moderate	Good	Moderate	2016
-	3763m NW	River	Baglan Brook - headwaters to conf with River Neath	GB110058026350	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.

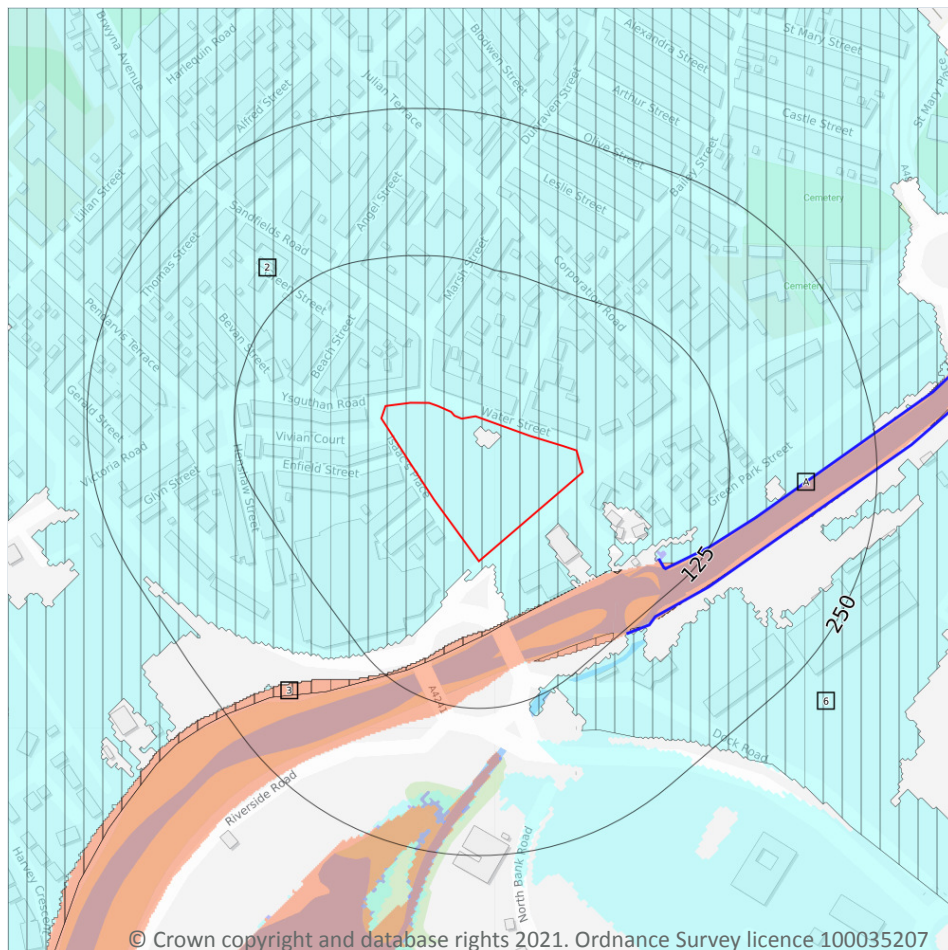
Features are displayed on the Hydrology map on **page 81**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Swansea Carboniferous Coal Measures	GB41002G201000	Poor	Poor	Good	2016

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



7 River and coastal flooding



- Site Outline
- Search buffers in metres (m)
- Environment Agency river and coastal flooding:
 - High
 - Medium
 - Low
 - Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m

1

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).

Features are displayed on the River and coastal flooding map on **page 85**

Distance	RoFRaS flood risk
On site	Low
0 - 50m	Low



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

2

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.

Features are displayed on the River and coastal flooding map on **page 85**

ID	Location	Update
A	98m SE	01/09/2021
A	128m SE	01/09/2021

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

7.4 Areas Benefiting from Flood Defences

Records within 250m

86

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.

Features are displayed on the River and coastal flooding map on **page 85**

ID	Location	
2	On site	Area benefiting from flood defences
3	55m SE	Area benefiting from flood defences
A	63m SE	Area benefiting from flood defences
A	64m SE	Area benefiting from flood defences



ID	Location	
A	65m SE	Area benefiting from flood defences
A	66m SE	Area benefiting from flood defences
A	67m SE	Area benefiting from flood defences
A	68m SE	Area benefiting from flood defences
A	68m SE	Area benefiting from flood defences
A	69m SE	Area benefiting from flood defences
A	70m SE	Area benefiting from flood defences
A	71m SE	Area benefiting from flood defences
A	72m SE	Area benefiting from flood defences
A	73m SE	Area benefiting from flood defences
A	73m SE	Area benefiting from flood defences
A	74m SE	Area benefiting from flood defences
A	75m SE	Area benefiting from flood defences
A	76m SE	Area benefiting from flood defences
A	76m SE	Area benefiting from flood defences
A	77m SE	Area benefiting from flood defences
A	81m SE	Area benefiting from flood defences
A	82m SE	Area benefiting from flood defences
A	89m SE	Area benefiting from flood defences
A	97m SE	Area benefiting from flood defences
A	102m SE	Area benefiting from flood defences
6	117m SE	Area benefiting from flood defences
A	129m SE	Area benefiting from flood defences
A	132m SE	Area benefiting from flood defences
A	135m SE	Area benefiting from flood defences
A	136m SE	Area benefiting from flood defences
A	137m SE	Area benefiting from flood defences
A	137m SE	Area benefiting from flood defences

ID	Location	
A	138m E	Area benefiting from flood defences
A	138m SE	Area benefiting from flood defences
A	139m SE	Area benefiting from flood defences
A	140m SE	Area benefiting from flood defences
A	140m E	Area benefiting from flood defences
A	140m SE	Area benefiting from flood defences
A	141m SE	Area benefiting from flood defences
A	141m E	Area benefiting from flood defences
A	142m SE	Area benefiting from flood defences
A	142m SE	Area benefiting from flood defences
A	143m E	Area benefiting from flood defences
A	144m SE	Area benefiting from flood defences
A	144m E	Area benefiting from flood defences
A	147m E	Area benefiting from flood defences
A	148m E	Area benefiting from flood defences
A	150m E	Area benefiting from flood defences
A	151m E	Area benefiting from flood defences
A	154m E	Area benefiting from flood defences
A	155m E	Area benefiting from flood defences
A	158m E	Area benefiting from flood defences
A	159m E	Area benefiting from flood defences
A	160m E	Area benefiting from flood defences
A	163m E	Area benefiting from flood defences
A	164m E	Area benefiting from flood defences
A	167m E	Area benefiting from flood defences
A	168m E	Area benefiting from flood defences
A	171m E	Area benefiting from flood defences
A	172m E	Area benefiting from flood defences

ID	Location	
A	173m E	Area benefiting from flood defences
A	176m E	Area benefiting from flood defences
A	176m E	Area benefiting from flood defences
A	180m E	Area benefiting from flood defences
A	182m E	Area benefiting from flood defences
A	186m E	Area benefiting from flood defences
A	190m E	Area benefiting from flood defences
A	195m E	Area benefiting from flood defences
A	196m E	Area benefiting from flood defences
A	200m E	Area benefiting from flood defences
A	205m E	Area benefiting from flood defences
A	207m E	Area benefiting from flood defences
A	211m E	Area benefiting from flood defences
A	216m E	Area benefiting from flood defences
A	217m E	Area benefiting from flood defences
A	222m E	Area benefiting from flood defences
A	227m E	Area benefiting from flood defences
A	227m E	Area benefiting from flood defences
A	228m E	Area benefiting from flood defences
A	231m E	Area benefiting from flood defences
A	233m E	Area benefiting from flood defences
A	233m E	Area benefiting from flood defences
A	238m E	Area benefiting from flood defences
A	240m E	Area benefiting from flood defences
A	243m E	Area benefiting from flood defences
A	246m E	Area benefiting from flood defences

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



7.5 Flood Storage Areas

Records within 250m

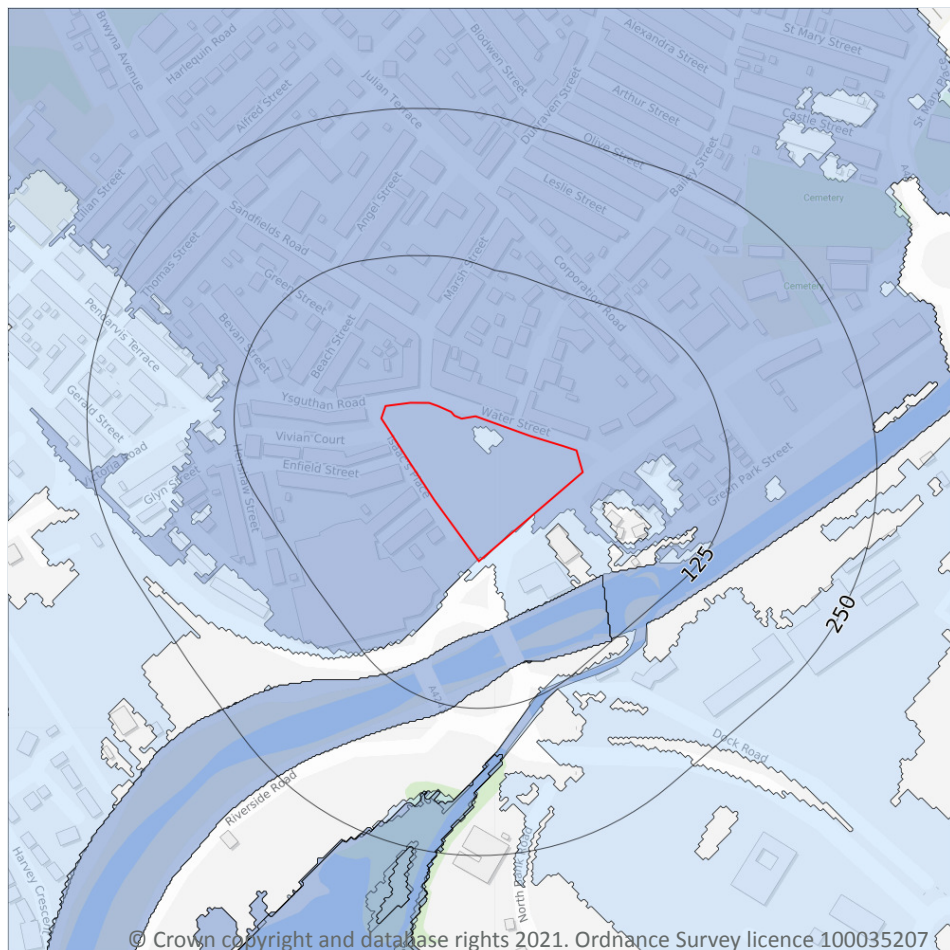
0

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

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



River and coastal flooding - Flood Zones



- Site Outline
- Search buffers in metres (m)
- Flood zone 2
- Flood zone 3

7.6 Flood Zone 2

Records within 50m

1

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

Features are displayed on the River and coastal flooding map on **page 85**

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

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

7.7 Flood Zone 3

Records within 50m

1

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

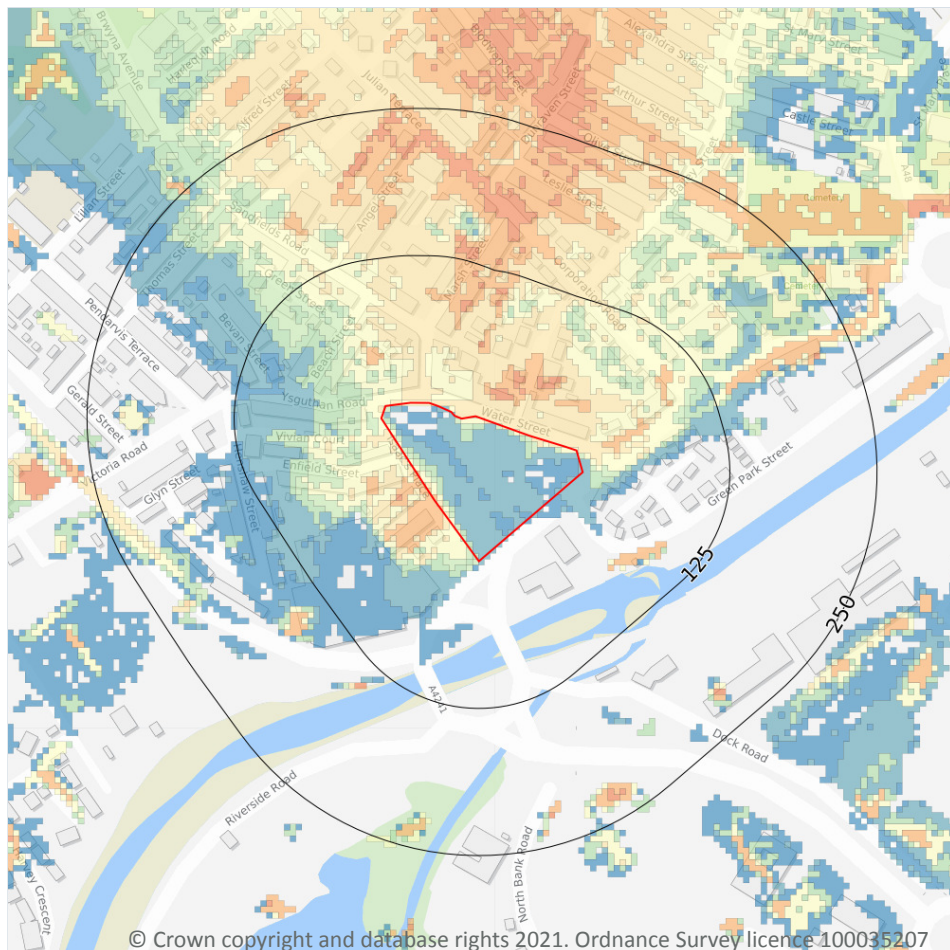
Features are displayed on the River and coastal flooding map on **page 85**

Location	Type
On site	Zone 3 - (Fluvial Models)

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



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

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

1 in 250 return period

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

1 in 100 return period

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

1 in 30 return period

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

8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on **page 93**

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

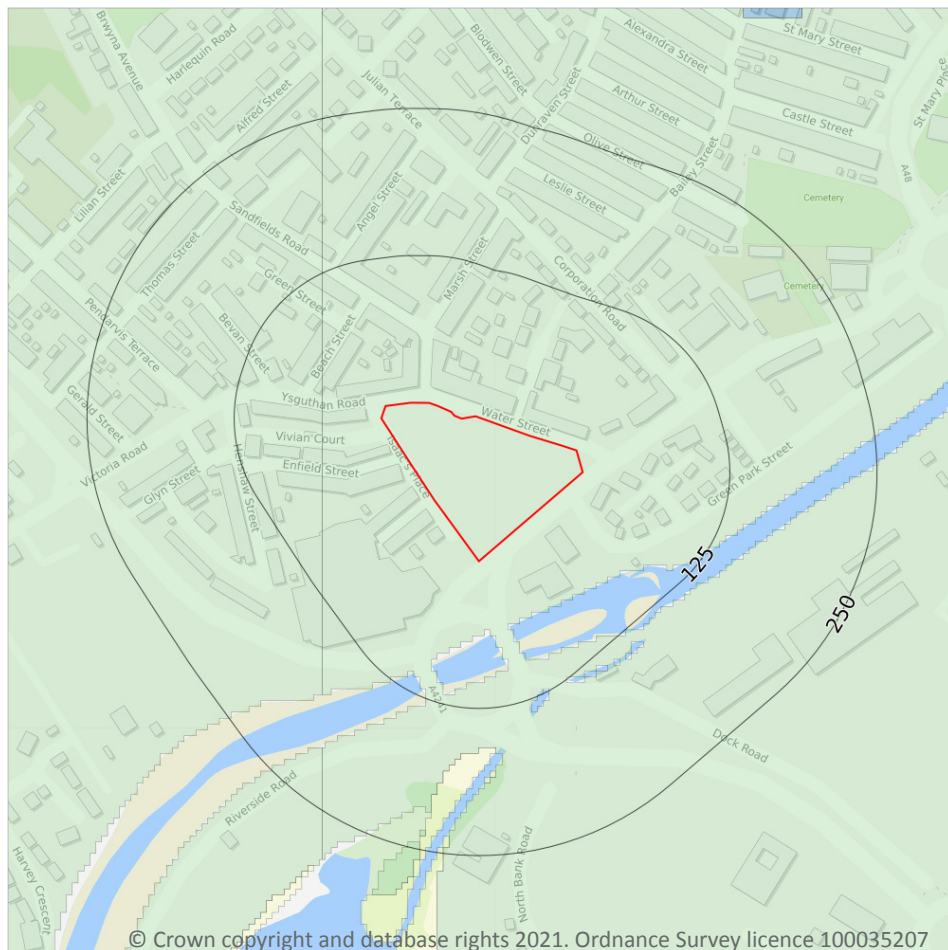
a site. The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
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

Low

Highest risk within 50m

Low

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 95**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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



10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

3

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 96**

ID	Location	Name	Woodland Type
1	1518m NE	Unknown	Ancient Semi Natural Woodland
-	1693m NE	Unknown	Ancient Semi Natural Woodland
-	1905m E	Unknown	Ancient Semi Natural Woodland

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

10.17 SSSI Impact Risk Zones

Records on site

0

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

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

0

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

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



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

0

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



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

11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

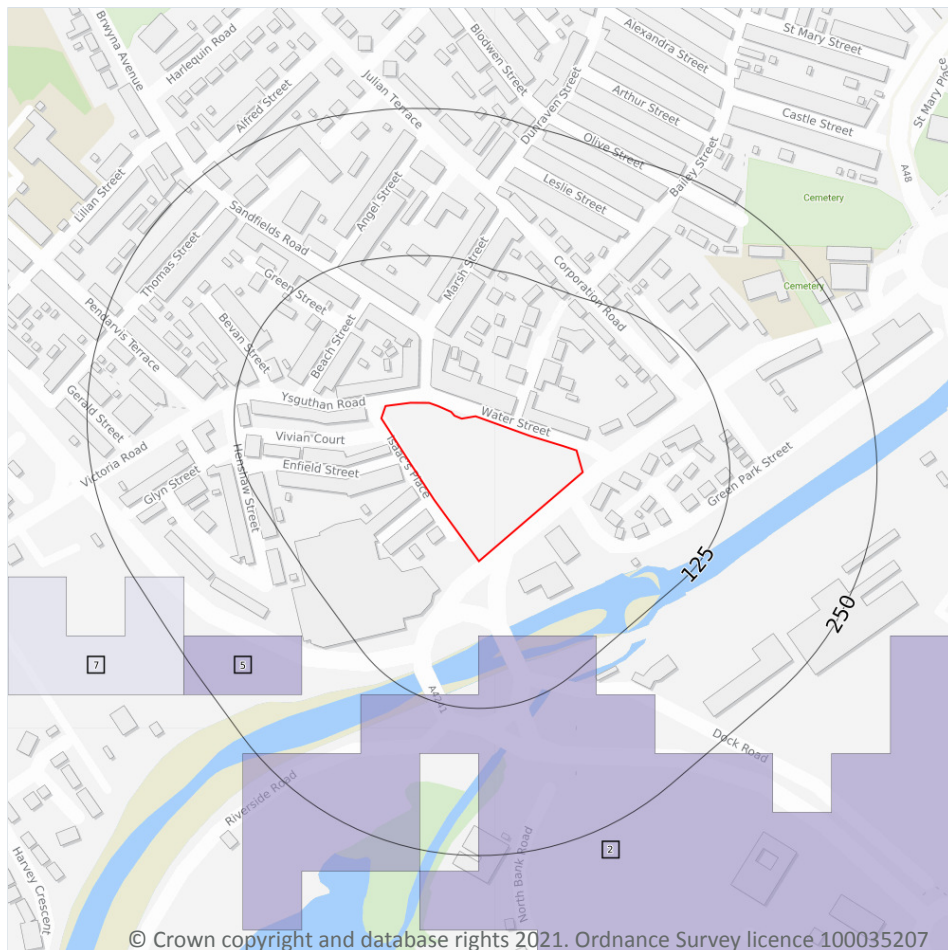
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Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process,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

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



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 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

3

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 104**

ID	Location	Classification	Description
2	63m S	Grade 4	Poor quality agricultural land
5	159m SW	Grade 4	Poor quality agricultural land
7	214m SW	Grade 3b	Moderate quality agricultural land



This data is sourced from Natural Resources Wales.

12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.



13 Habitat designations

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

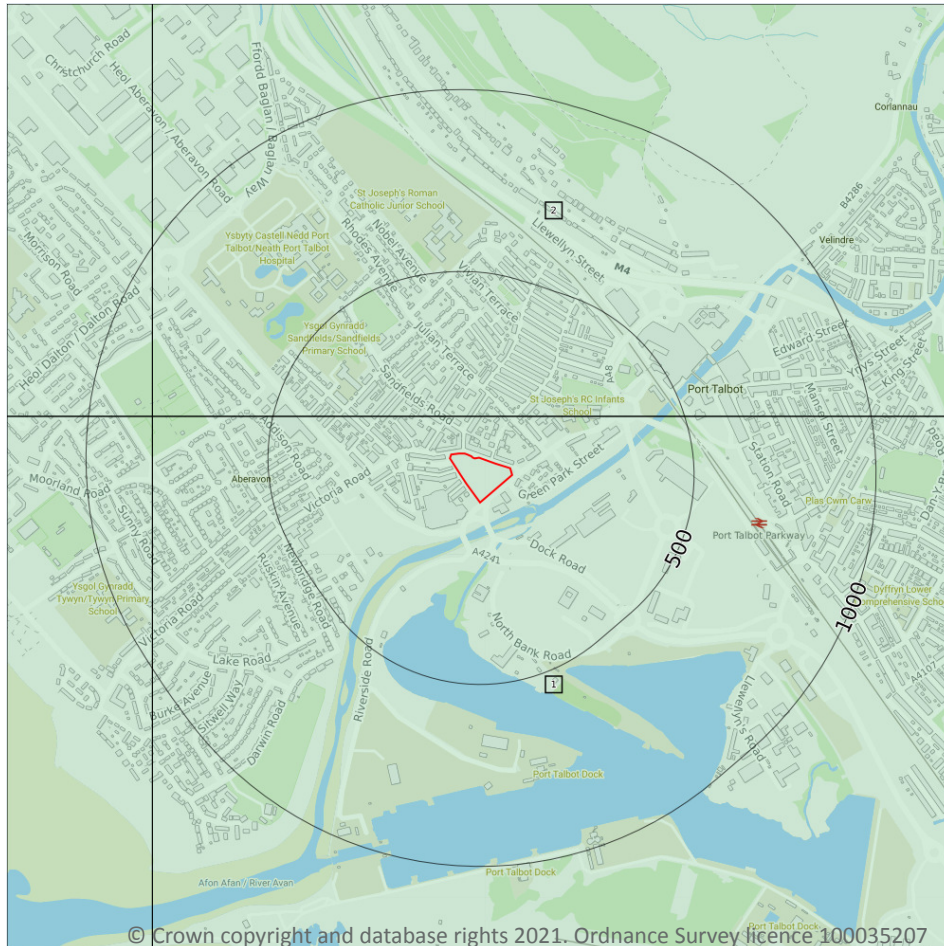
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Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable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

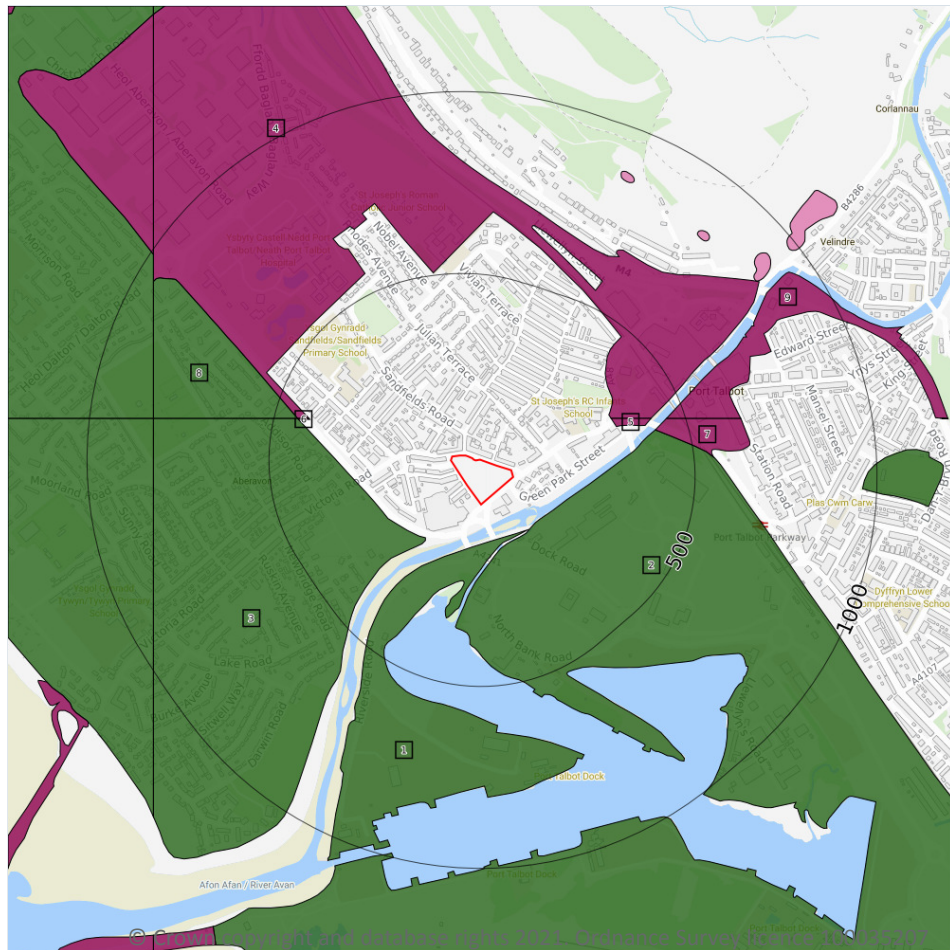
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme. Features are displayed on the Geology 1:10,000 scale - Availability map on **page 107**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SS78NE
2	102m N	Full	Full	Full	Full	SS79SE

This data is sourced from the British Geological Survey.



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



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

14.2 Artificial and made ground (10k)

Records within 500m

9

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

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 108**

ID	Location	LEX Code	Description	Rock description
1	104m S	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
2	129m SE	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
3	177m SW	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
4	308m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

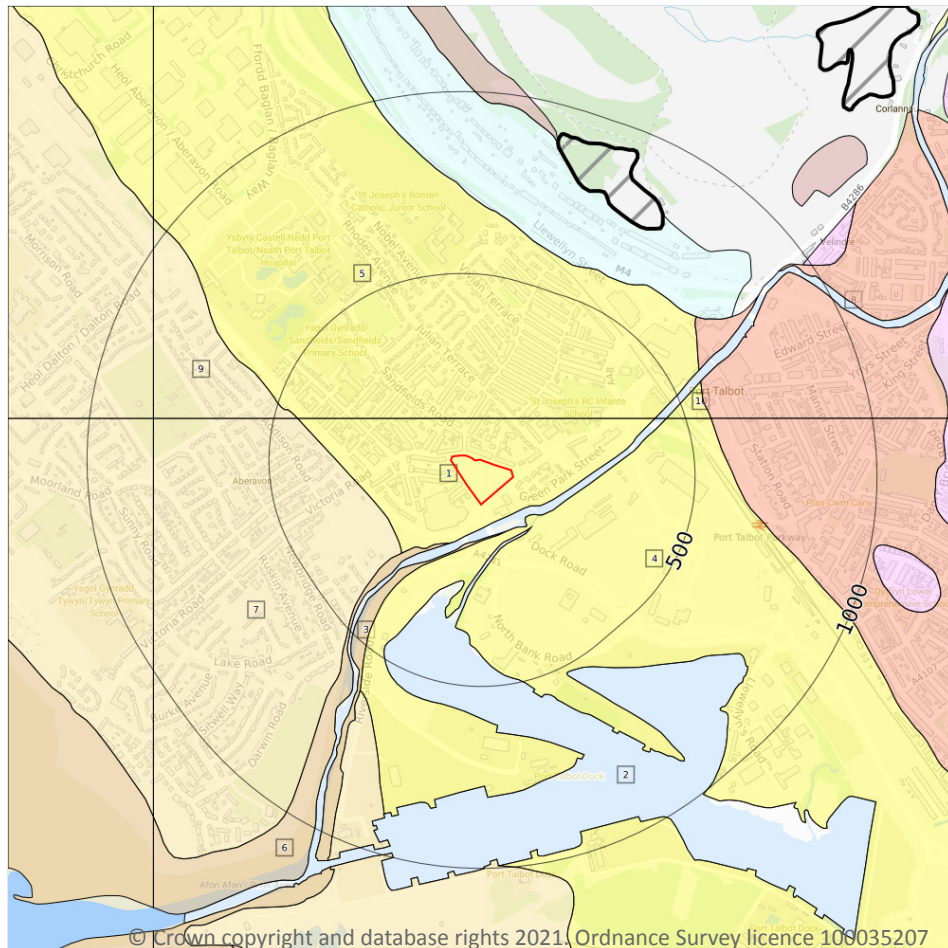


ID	Location	LEX Code	Description	Rock description
5	309m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	404m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
7	411m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
8	437m W	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
9	450m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m

10

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 110**

ID	Location	LEX Code	Description	Rock description
1	On site	TFD-XCZS	Tidal Flat Deposits - Clay, Silt And Sand	Clay, Silt And Sand
2	59m SE	SUPNM-UNKNOWN	Superficial Theme Not Mapped [for Digital Map Use Only] - Unknown/unclassified Entry	Unknown/unclassified Entry
3	91m S	BCHD-XSV	Beach Deposits - Sand And Gravel	Sand And Gravel



ID	Location	LEX Code	Description	Rock description
4	95m S	TFD-XCZS	Tidal Flat Deposits - Clay, Silt And Sand	Clay, Silt And Sand
5	102m N	TFD-XCZS	Tidal Flat Deposits - Clay, Silt And Sand	Clay, Silt And Sand
6	136m SW	BCHD-XSV	Beach Deposits - Sand And Gravel	Sand And Gravel
7	232m SW	BSA-S	Blown Sand - Sand	Sand
8	421m E	SUPNM- UNKNOWN	Superficial Theme Not Mapped [for Digital Map Use Only] - Unknown/unclassified Entry	Unknown/unclassified Entry
9	437m W	BSA-S	Blown Sand - Sand	Sand
10	450m E	TFD-XCZS	Tidal Flat Deposits - Clay, Silt And Sand	Clay, Silt And Sand

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

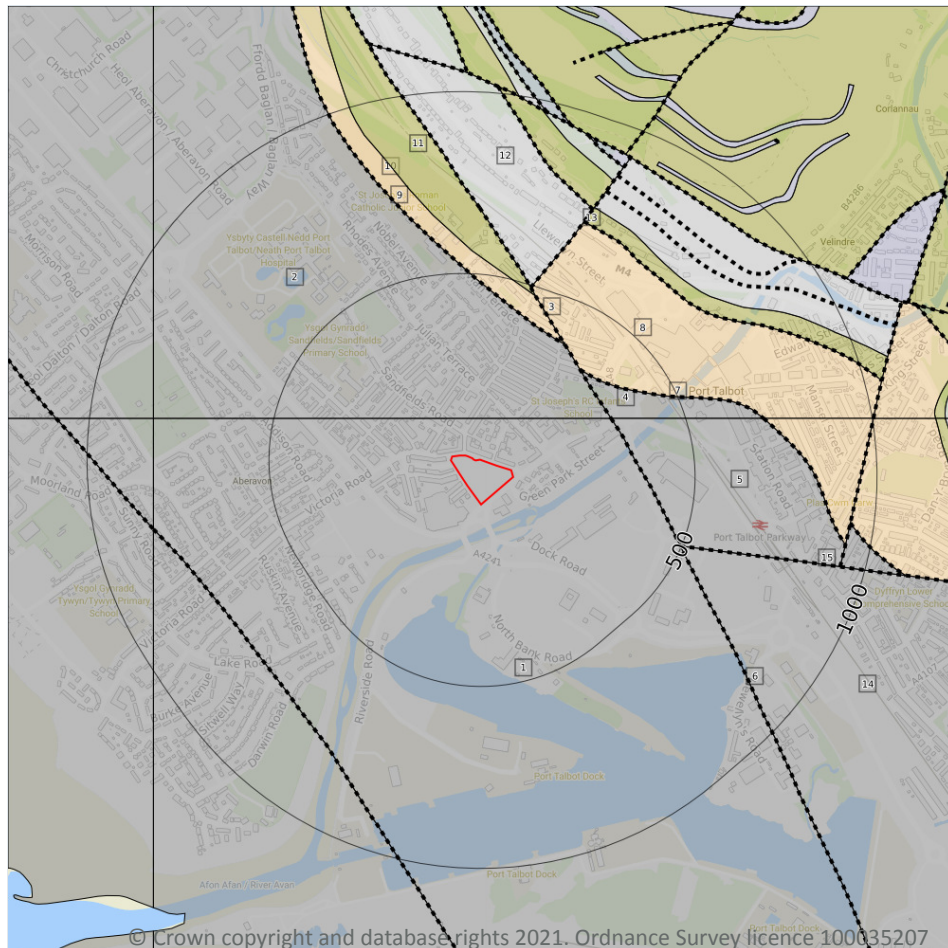
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Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

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

9

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 112**

ID	Location	LEX Code	Description	Rock age
1	On site	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
2	102m N	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age



ID	Location	LEX Code	Description	Rock age
4	308m NE	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
5	309m NE	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
8	335m NE	SWUCM-MDSS	South Wales Upper Coal Measures Formation - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age - Bolsovia Sub-age
10	376m NE	SWUCM-MDSS	South Wales Upper Coal Measures Formation - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age - Bolsovia Sub-age
11	475m N	LLFB-SDST	Llynfi Member - Sandstone	Bolsovia Sub-age
12	493m N	LLFB-MDSS	Llynfi Member - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age
14	497m E	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

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

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.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 112**

ID	Location	Category	Description
3	308m NE	FAULT	Normal fault, inferred
6	309m NE	FAULT	Normal fault, inferred
7	335m NE	FOSSIL_HORIZON	Fossil horizon, marine band (UCGMB (CONJECTURAL))
9	376m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
13	493m N	FAULT	Normal fault, inferred
15	497m E	FAULT	Normal fault, inferred

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.

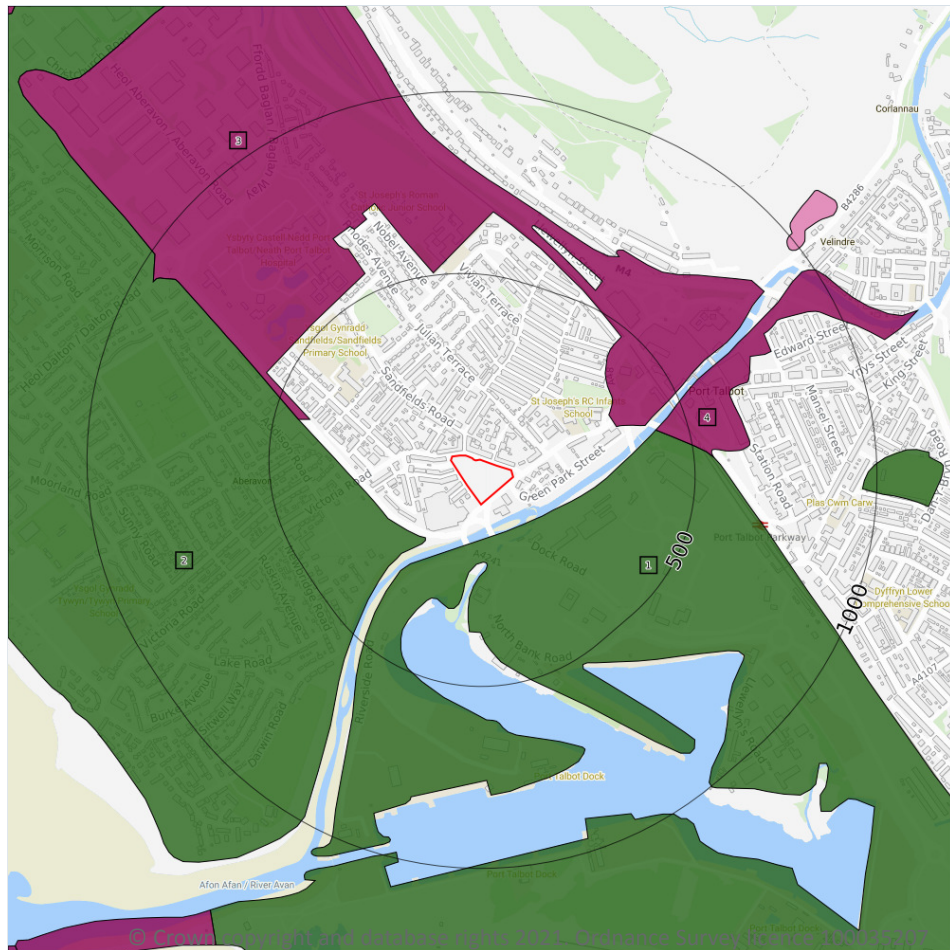
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 114**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW247_swansea_v4

This data is sourced from the British Geological Survey.



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



— Site Outline
Search buffers in metres (m)

- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

4

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability. Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 115**

ID	Location	LEX Code	Description	Rock description
1	92m S	LSGR-ARTGR	LANDSCAPED GROUND (UNDIVIDED)	ARTIFICIALLY MODIFIED GROUND
2	177m SW	LSGR-ARTGR	LANDSCAPED GROUND (UNDIVIDED)	ARTIFICIALLY MODIFIED GROUND
3	308m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
4	412m E	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT



This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

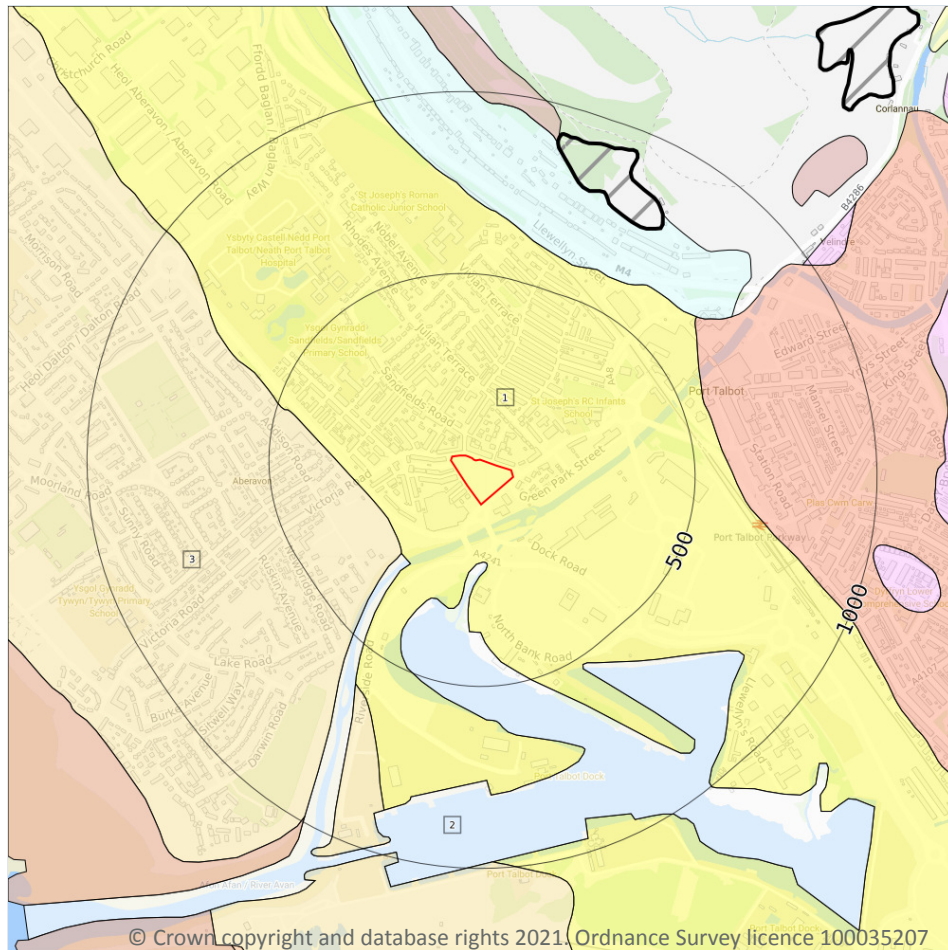
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A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

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 117**

ID	Location	LEX Code	Description	Rock description
1	On site	TFD-XCZS	TIDAL FLAT DEPOSITS	CLAY, SILT AND SAND
2	158m S	SUPNM-UNKNOWN	SUPERFICIAL THEME NOT MAPPED [FOR DIGITAL MAP USE ONLY]	UNKNOWN/UNCLASSIFIED ENTRY
3	232m SW	BSA-S	BLOWN SAND	SAND



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	Moderate	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

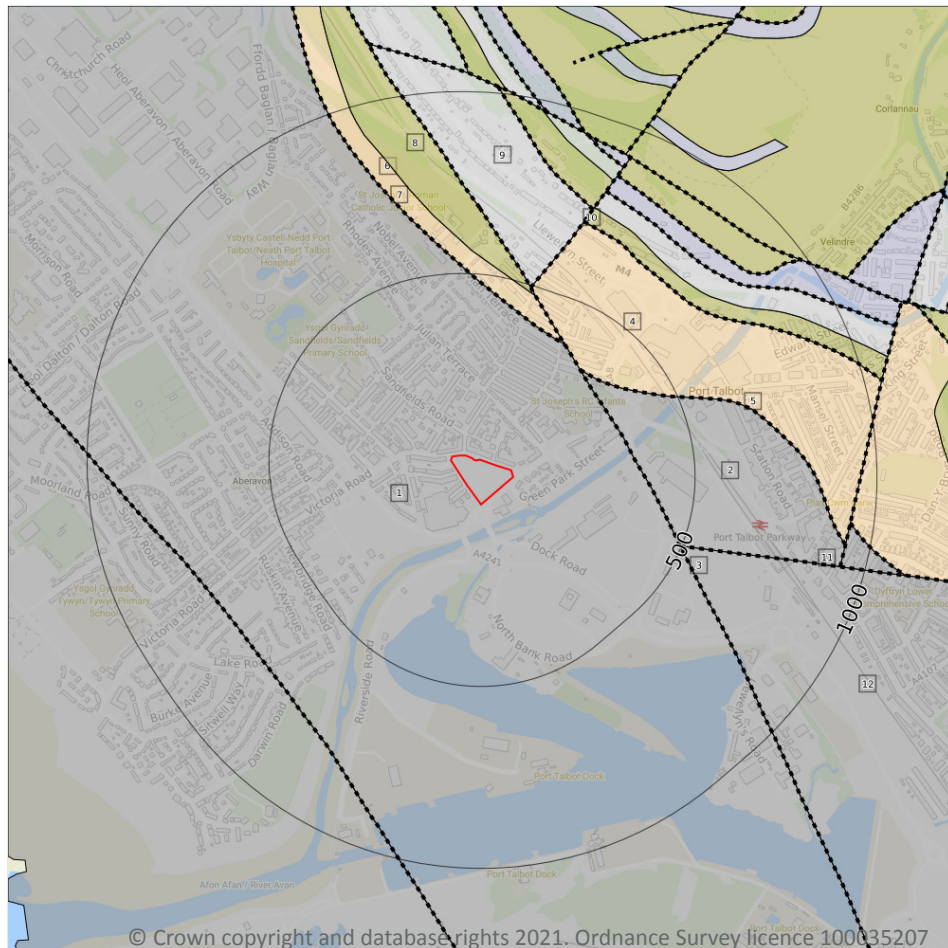
0

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

7

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 119**

ID	Location	LEX Code	Description	Rock age
1	On site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
2	308m NE	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

ID	Location	LEX Code	Description	Rock age
4	335m NE	SWUCM-MDSS	SOUTH WALES UPPER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
6	376m NE	SWUCM-MDSS	SOUTH WALES UPPER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
8	475m N	LLFB-SDST	LLYNFI MEMBER - SANDSTONE	WESTPHALIAN
9	493m N	LLFB-MDSS	LLYNFI MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
12	497m E	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

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	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	5
----------------------------	----------

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.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 119**

ID	Location	Category	Description
3	308m NE	FAULT	Fault, inferred, displacement unknown
5	335m NE	FOSSIL_HORIZON	Marine band
7	376m NE	FOSSIL_HORIZON	Marine band
10	493m N	FAULT	Fault, inferred, displacement unknown

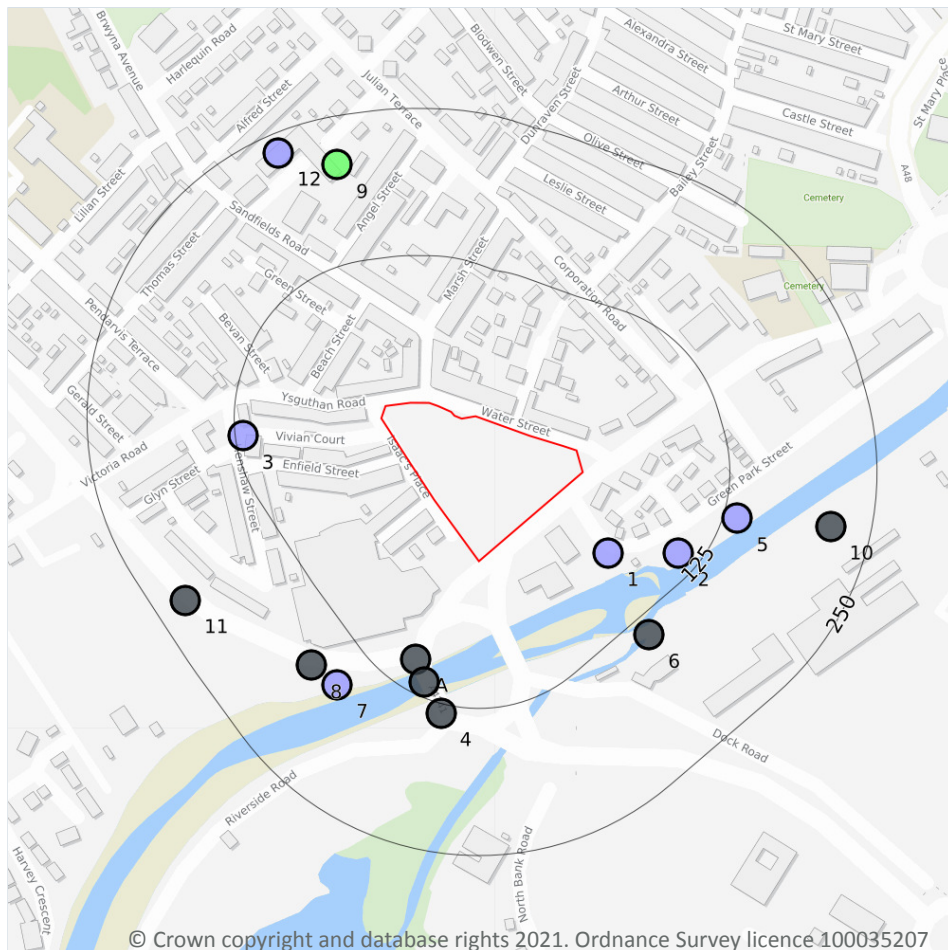


ID	Location	Category	Description
11	497m E	FAULT	Fault, inferred, displacement unknown

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

14

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

Features are displayed on the Boreholes map on **page 122**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	66m SE	276010 189770	PORT TALBOT, HOLST SOIL ENGINEERING. 4	9.15	N	370710
A	99m SW	275847 189680	PORT TALBOT PDR STAGE ONE 15	-	Y	N/A

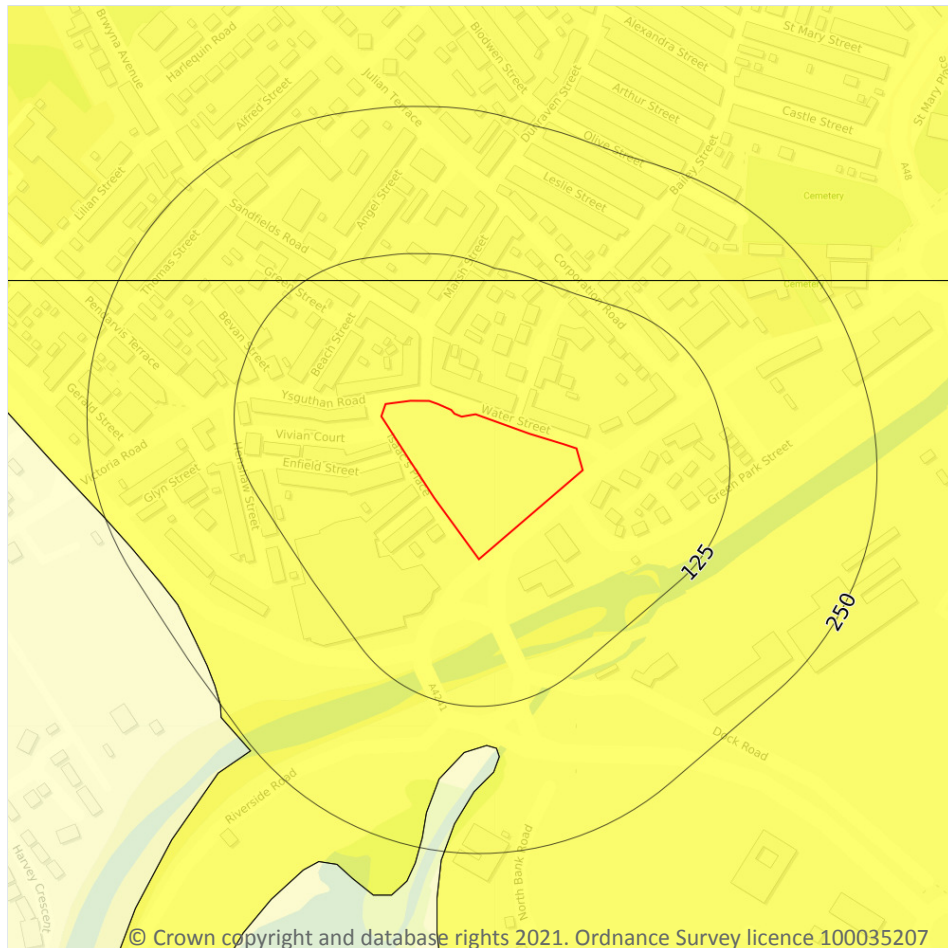


ID	Location	Grid reference	Name	Length	Confidential	Web link
2	107m SE	276070 189770	RIVER AFAN PORT TALBOT 1	8.0	N	370830
A	112m SW	275854 189661	PORT TALBOT PDR STAGE ONE 16	-	Y	N/A
3	118m W	275700 189870	PORT TALBOT, HOLST SOIL ENGINEERING. NO.12	6.65	N	370712
4	133m S	275868 189634	PORT TALBOT PDR STAGE ONE 17	-	Y	N/A
5	137m E	276120 189800	RIVER AFAN PORT TALBOT 2	8.0	N	370831
6	141m SE	276045 189701	PORT TALBOT PDR STAGE ONE 18	-	Y	N/A
7	160m SW	275780 189658	R. AFAN OUTFALL SCHEME 8	10.0	N	370826
8	167m SW	275758 189675	PORT TALBOT PDR STAGE ONE 14	-	Y	N/A
9	209m N	275780 190100	MICHNA STREET PORT TALBOT 2	12.4	N	371756
10	215m E	276199 189793	PORT TALBOT PDR STAGE ONE 19	-	Y	N/A
11	224m SW	275651 189730	PORT TALBOT PDR STAGE ONE TP 7	-	Y	N/A
12	233m NW	275730 190110	MICHNA STREET PORT TALBOT 1	9.45	N	371755

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).

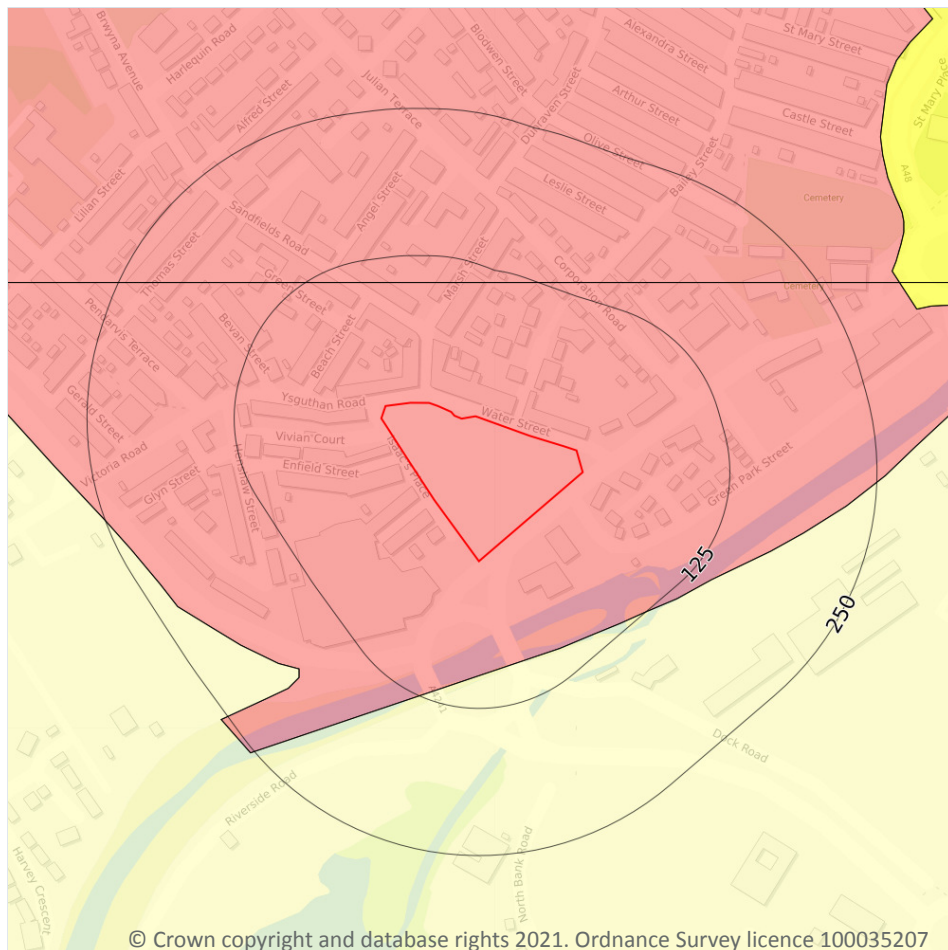
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 124**

Location	Hazard rating	Details
On site	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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

17.2 Running sands

Records within 50m

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.

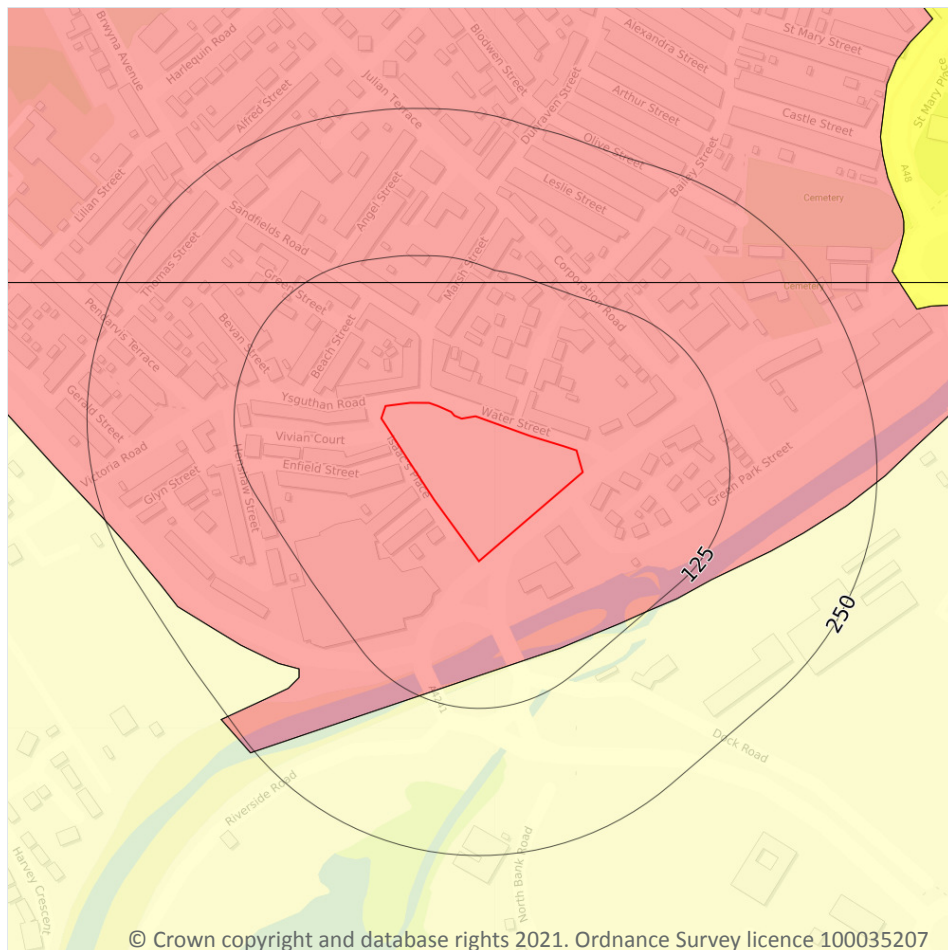
Features are displayed on the Natural ground subsidence - Running sands map on **page 125**

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

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.

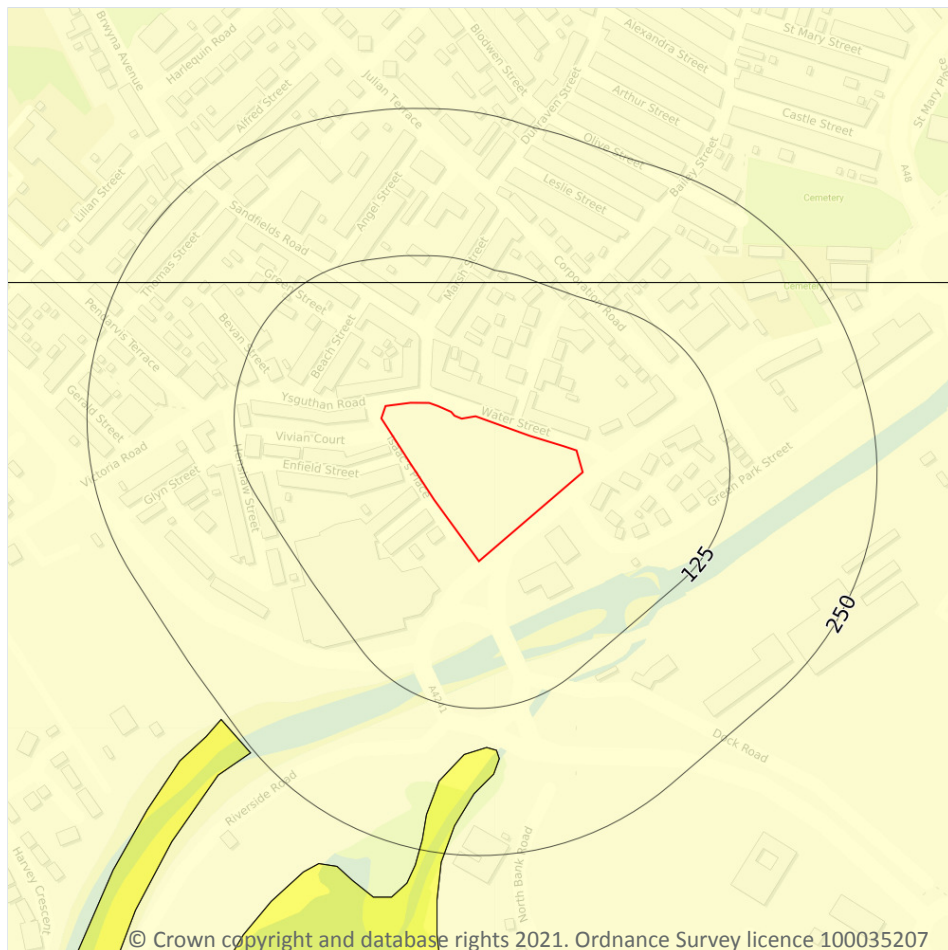
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 126**

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.

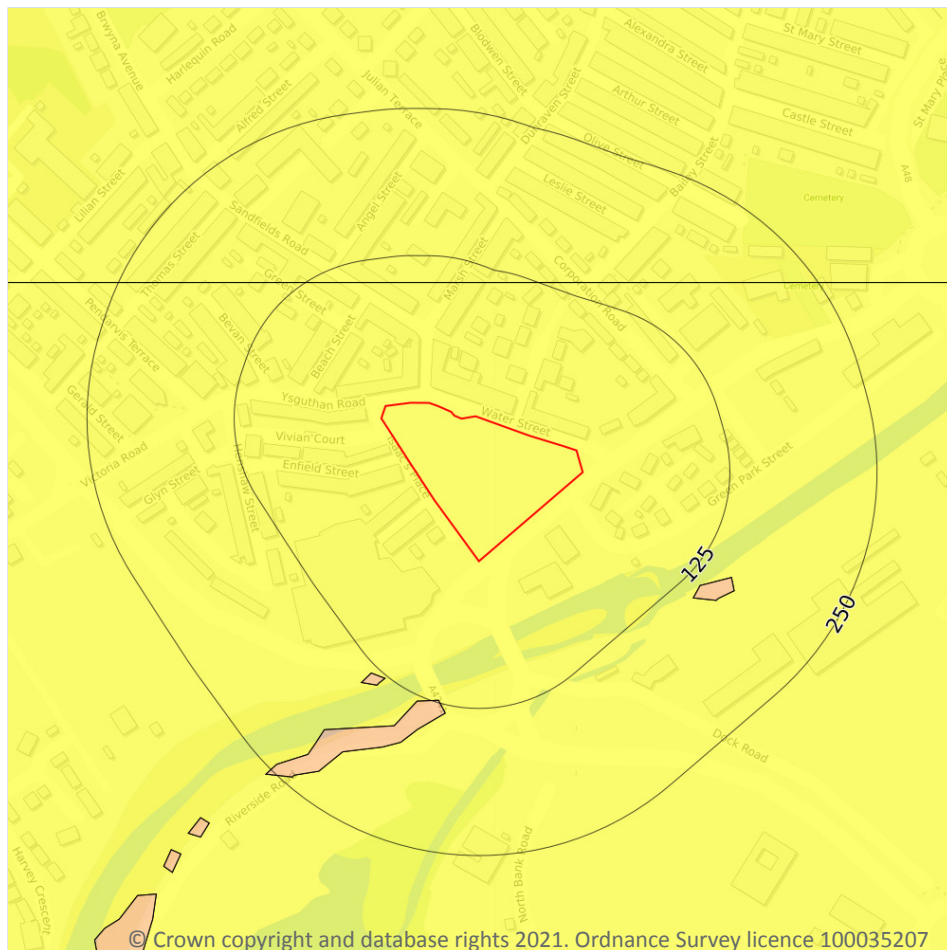
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 127**

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

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.

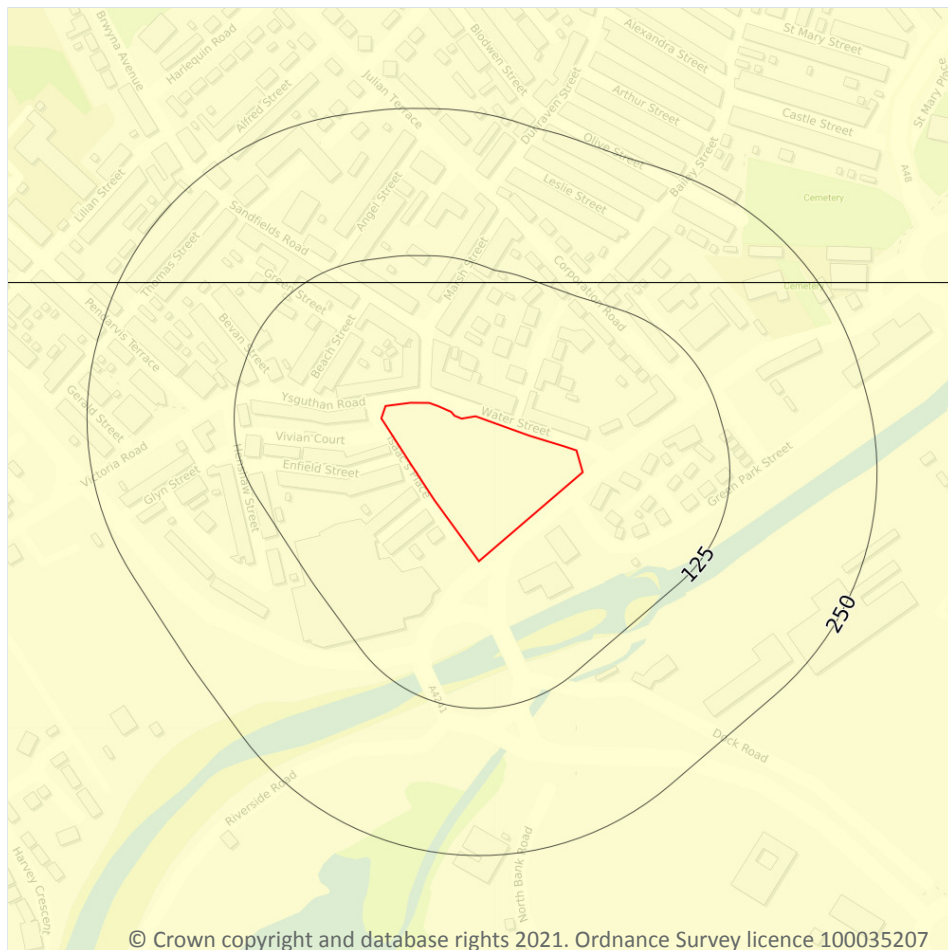
Features are displayed on the Natural ground subsidence - Landslides map on **page 128**

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 129**

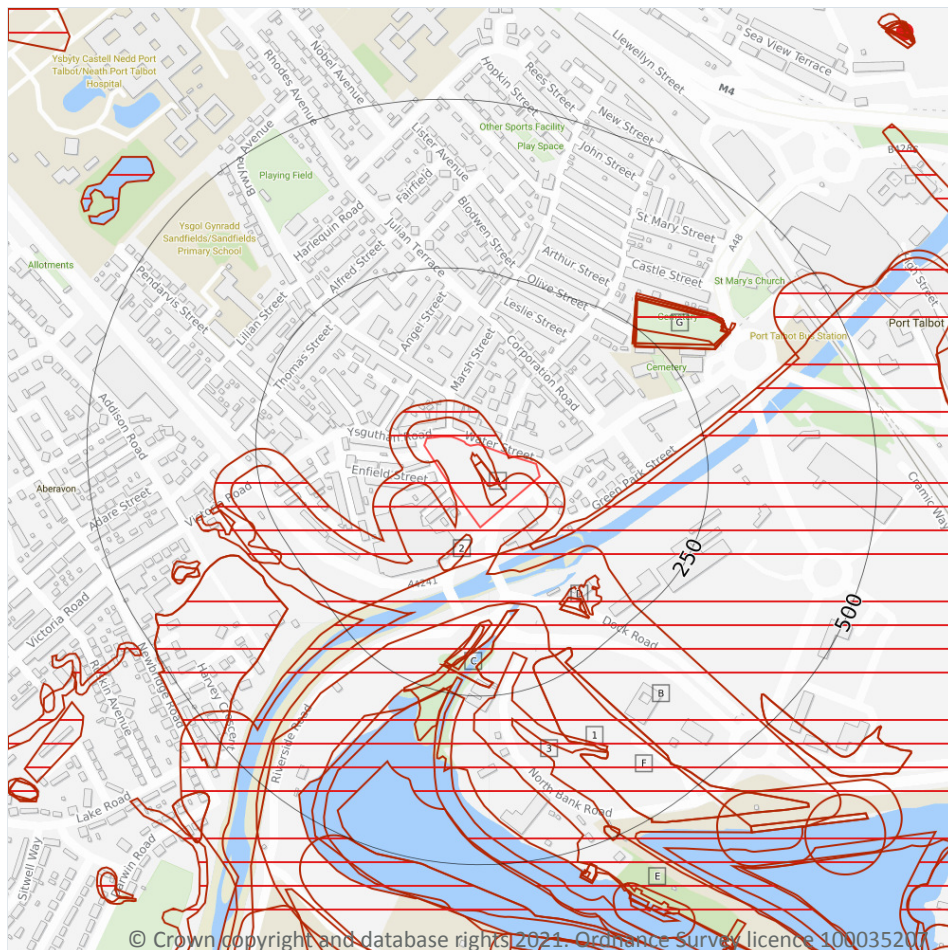
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



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

18.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

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

25

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 131**

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Old Dock	1914	1:10560
A	On site	Pond	1897	1:10560
A	On site	Pond	1914	1:10560
B	On site	Dock	1921	1:10560
2	20m SW	Unspecified Pit	1897	1:10560
B	46m S	Old Dock	1947	1:10560
3	117m S	Docks	1965	1:10560
C	131m S	Water Body	1914	1:10560
C	131m S	Water Body	1921	1:10560
C	138m S	Pond	1979	1:10000
C	144m S	Unspecified Ground Workings	1947	1:10560
D	156m SE	Pond	1897	1:10560
D	162m SE	Pond	1897	1:10560
D	164m SE	Pond	1914	1:10560
D	164m SE	Pond	1921	1:10560
E	192m S	Old Dock	1897	1:10560
F	215m SE	Water Body	1914	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
F	215m SE	Water Body	1921	1:10560
G	228m NE	Cemetery	1957	1:10560
G	228m NE	Cemetery	1947	1:10560
G	228m NE	Cemetery	1914	1:10560
G	228m NE	Cemetery	1921	1:10560
G	229m NE	Cemetery	1978	1:10000
G	229m NE	Cemetery	1995	1:10000
G	248m NE	Cemetery	1897	1:10560

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

18.5 Historical Mineral Planning Areas

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

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

This data is sourced from the British Geological Survey.



18.7 Mining cavities

Records within 1000m

0

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

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site

1

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

Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

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
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

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

This data is sourced from Mining Searches UK.

18.13 Clay mining

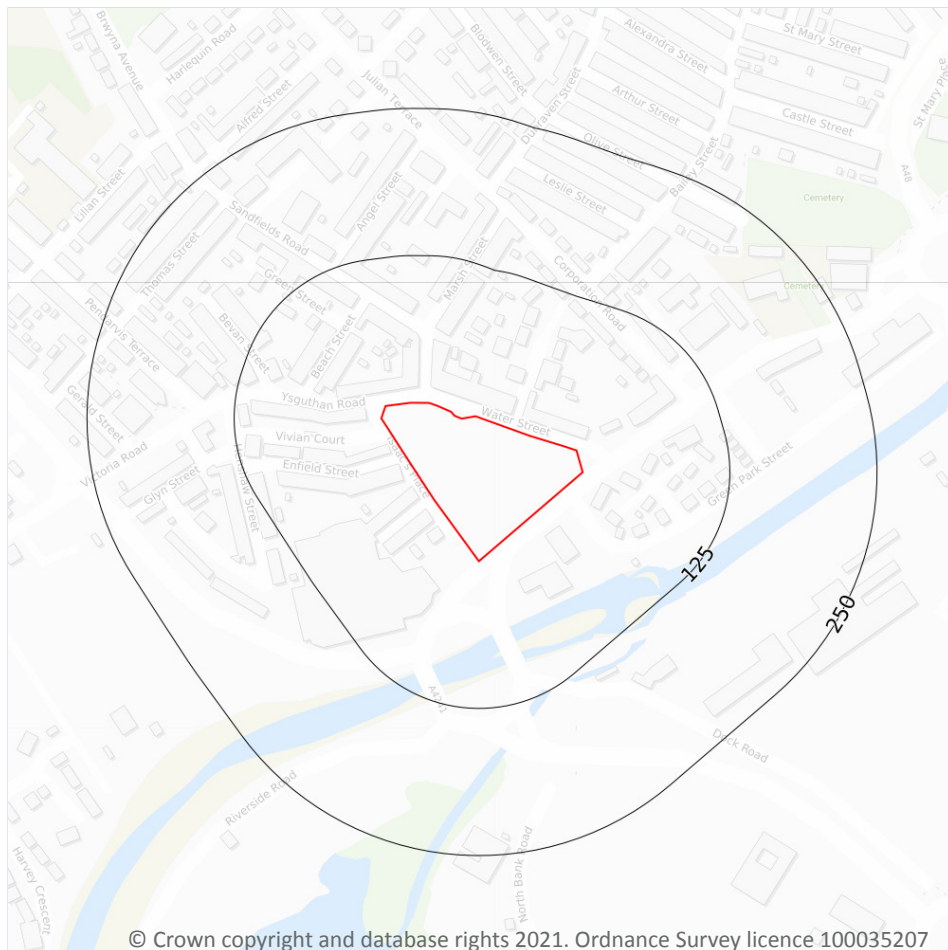
Records on site	0
-----------------	---

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



- Site Outline**
- Search buffers in metres (m)**
- Greater than 30%
 - Between 10% and 30%
 - Between 5% and 10%
 - Between 3% and 5%
 - Between 1% and 3%
 - Less than 1%

19.1 Radon

Records on site

1

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

Features are displayed on the Radon map on **page 136**

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

3

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	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
11m SE	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
11m E	25 - 35 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

11

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

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	30	5.3	275	189	1.4	79	114	53	54
On site	32	5.6	301	207	1.4	79	125	55	61
On site	34	5.9	336	231	1.5	81	162	64	70
On site	35	6.1	364	250	1.6	81	173	66	77



Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
2m NW	33	5.8	335	230	1.5	77	138	58	72
11m E	36	6.3	384	264	1.6	83	191	71	81
14m NE	34	5.9	360	247	1.6	80	153	63	76
18m W	30	5.3	269	185	1.3	77	109	51	53
22m NW	32	5.6	305	210	1.4	76	123	53	65
37m SE	35	6.1	354	243	1.5	83	178	68	75
46m NE	38	6.7	433	297	1.7	83	212	77	102

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

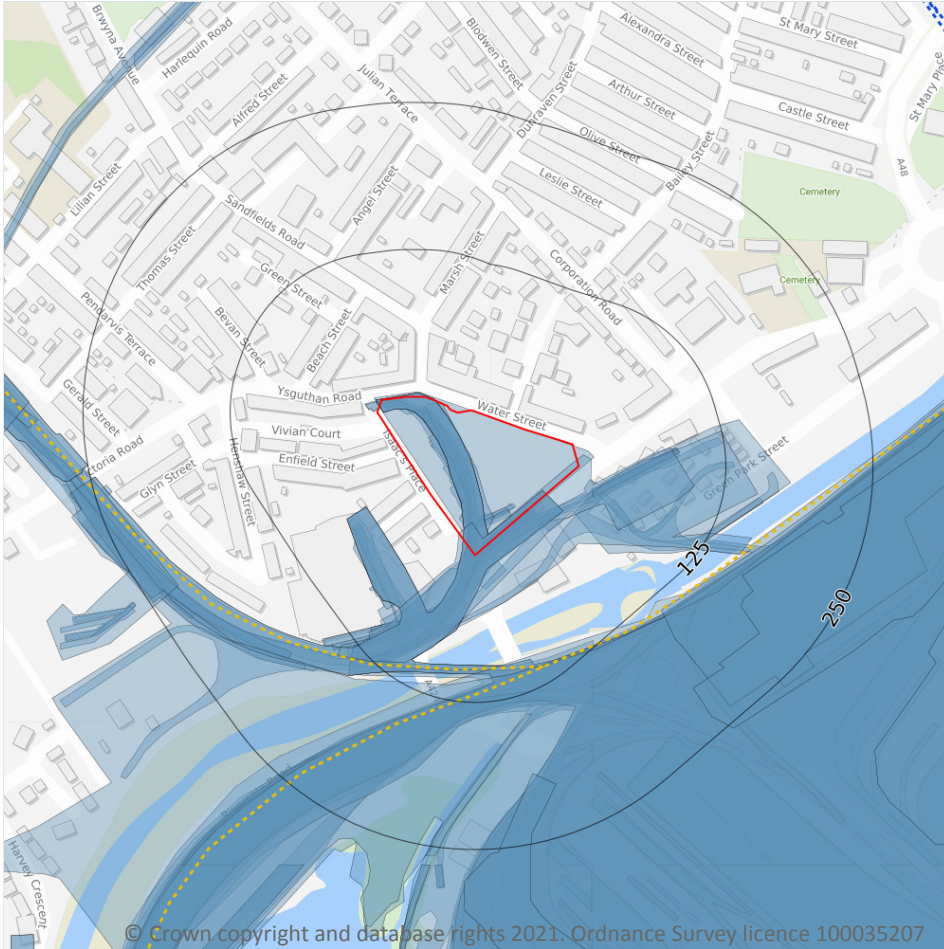
0

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

57

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 139**

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1951	2500
On site	Railway Sidings	1950	1250
On site	Railway Sidings	1962	1250
On site	Railway Sidings	1899	2500
On site	Railway Sidings	1917	2500
On site	Railway Sidings	1939	2500
On site	Railway Sidings	1947	10560
On site	Railway Sidings	1897	10560
On site	Railway Sidings	1914	10560
On site	Railway Sidings	1921	10560
On site	Railway Sidings	1965	10560
22m SE	Railway Sidings	1957	1250
23m SE	Railway Sidings	1951	1250
24m SE	Railway Sidings	1951	2500
30m SE	Tramway Sidings	1881	2500
96m S	Railway Sidings	1947	10560
105m S	Railway Sidings	1965	10560



Location	Land Use	Year of mapping	Mapping scale
107m S	Railway Sidings	1899	2500
121m S	Railway Sidings	1950	1250
121m S	Railway Sidings	1962	1250
121m S	Railway Sidings	1967	2500
121m S	Railway Sidings	1968	1250
125m SE	Railway Sidings	1951	2500
138m SE	Railway Sidings	1897	10560
145m SE	Disused Railway Sidings	1968	2500
145m SE	Railway Sidings	1967	1250
153m SE	Railway Sidings	1964	1250
153m SE	Railway Sidings	1951	1250
155m SE	Railway Sidings	1957	1250
167m SE	Railway Sidings	1979	10000
171m SW	Railway Sidings	1962	1250
175m SW	Railway Sidings	1950	1250
182m SE	Railway Sidings	1950	1250
182m SE	Railway Sidings	1951	2500
190m SE	Railway	1876	-
192m S	Railway Sidings	1897	10560
193m SE	Railway Sidings	1967	2500
213m SE	Railway Sidings	1957	1250
213m SE	Railway Sidings	1964	1250
213m SE	Railway Sidings	1951	1250
214m SE	Railway Sidings	1967	1250
220m SE	Railway Sidings	1968	2500
222m SW	Railway Sidings	1947	10560
226m SE	Railway Sidings	1951	1250
226m SE	Railway Sidings	1957	1250



Location	Land Use	Year of mapping	Mapping scale
226m SE	Railway Sidings	1964	1250
228m SE	Railway Sidings	1967	1250
228m SE	Railway Sidings	1964	1250
229m SE	Railway Sidings	1967	1250
232m SW	Railway Sidings	1899	2500
239m SE	Railway Sidings	1951	1250
247m S	Railway Sidings	1962	1250
248m S	Railway Sidings	1968	1250
249m S	Railway Sidings	1967	2500
250m S	Railway Sidings	1967	2500
250m W	Railway Sidings	1914	10560
250m W	Railway Sidings	1921	10560

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m

2

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 139**

Location	Description
97m S	Razed



Location	Description
110m SE	Dismantled

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
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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
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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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