



SWL25-087-01-WFS-01



Biogenie Port Talbot Dewatering Water Features Survey

Rev	Date	Description	Prepared by:	Approved by:
P01	06.05.25	Initial issue.	Martin Welsford	Mark Pickett

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Document Control Sheet

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	Name	Position	Signature	Date
Prepared by:	Martin Welsford	Associate & Technical Manager		06.05.2025
Approved by:	Mark Pickett	Technical Director		06.05.2025

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Appendix 1: Photographic record of the Site walkover

Appendix 2: Geo-environmental Report (Groundsure Report)

1. Introduction

Stuart Wells undertook a Water Features Survey (WFS) at the Site and the surrounding 1.0 km radial distance. The WFS was undertaken to identify sensitive receptors, within 1.0 km of the proposed pumping test at the Site.

This document summarises the WFS, which comprised two elements; a desk study-including review of a Geo-Environmental report for the area and a Site walkover. A photographic record of the Site walkover is provided in Appendix 1. The desk study report is included in Appendix 2.

2. The Site

The WFS covered up to 1.0 km from the Site. The area surrounding the Site is primarily commercial land use with some residential use. The Site is located on Harbour Walk, Margam Moors, Port Talbot, SA13 1RU. The Site location as well as the WFS study area are shown in Figure 1.



Figure 1: The Site location and WFS study area

3. Geology and Hydrogeology

British Geological Survey (BGS) mapping indicates the Superficial Deposits at the Site are Tidal Flat Deposits, comprising clay, silt and sand. Underlying the Tidal Flat Deposits are the South Wales Middle Coal Measures Formation comprising mudstone, siltstone and sandstone.

Desk study information, in particular the Groundsure Report (Appendix 2 - Section 5 Hydrogeology (pp. 82 to 94)) identifies that the superficial aquifer is a high vulnerability Secondary (Undifferentiated) aquifer; in general, these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the deposits. No Source Protection Zone (SPZ) were identified within 1km of the Site.

4. Surface Water Bodies

The site walkover identified multiple water bodies within 1.0 km of the Site, including; the River Afan, an unnamed water body to the south of the Site and an unnamed pond on Site.

5. Groundwater and Surface Water Abstraction

There are no licensed active groundwater abstractions within 1.0 km of the Site.

There are six licensed active surface water abstractions within 1.0 km of the Site. Details of the active surface water abstractions are summarised in Table 1.

Table 1: Active licensed surface water abstractions within 1.0 km of the Site

Licence No.	Type of Abstraction	Distance to Site (m)	Abstraction Volume (m ³ /d)	Notes
WA/058/0061/007	Unknown (Impounding)	555	0	
21/58/61/0042	Process Water - Medium	588	49.68	
21/58/61/0009	Process Water - Medium	597	40914	
21/58/61/0009	Evaporative Cooling - High	597	40914	
21/58/61/0012	Evaporative Cooling - Low	864	590980	
21/58/61/0012	Process Water - Medium	864	590980	

6. Springs

There were no springs identified during the desk study. Subsequently, no springs were observed onsite or within the vicinity of the site during the site walkover.

7. Existing Groundwater Monitoring Wells

There was one groundwater monitoring well (see Photograph 3 and 4) identified on Site. Stuart Wells attempted to dip the dual installation well, but there was a blockage in the installations.

8. Conservation Sites

The desk study and site walkover identified no Sites of Special Scientific Interest (SSSI) within 1.0km of the Site.

9. Overview

As part of the evaluation of the potential impact of any proposed groundwater abstraction on the surrounding environment, sensitive water receptors and abstractions (if present) have been identified. Desk study information was supplemented with a site walkover, which was completed by Stuart Wells.

Stuart Wells has conducted a study of the surrounding area to a maximum distance of 1.0 km from the Site location. Details of WFS points of interest identified within the site walkover are shown in Figure 2 and observations made during the site walkover as well as recommended actions are summarised in Table 2. The photographic record of the site walkover is provided in Appendix 1.

Table 2: Summary of WFS

Feature(s)	Photograph ID	Notes	Action
Groundwater Abstractions	N/A	There are no licensed active groundwater abstractions within 1.0 km of the Site	N/A
Surface Water Abstractions	13, 14	There are six licensed active surface water abstractions within 1.0 km of the Site. All of these are related to the Port Talbot Steelworks and were located on Private Land that was inaccessible.	N/A
Source Protection Zones	N/A	There are no Source Protection Zones within 1.0 km of the Site.	N/A
Water Network	5 to 12	River Afan	See photographs 5 to 12
	13 to 16	Unnamed water body to the south of the Site – Located on private Port Talbot Steelworks land.	See photographs 13 to 16
	17 to 18	Unnamed pond on Site	See photographs 17 to 18
Springs	N/A	There were no springs identified during the desk study or in person the water features survey.	N/A
Conservation Sites	N/A	There was no conservation sites identified during the desk study or in person the water features survey.	N/A
SSSI Impact Zones and Units	N/A	There were no SSSI Impact Zones and units identified during the desk study or in person the water features survey.	N/A

Feature(s)	Photograph ID	Notes	Action
Licensed Discharges to Controlled Waters	15 to 16	<p>The desk study identified the presence of twelve licensed discharges to controlled waters within 1.0km of the Site.</p> <p>None of these discharges are active. All permits have either been revoked or expired.</p> <p>A potentially new discharge location was identified in Photographs 15 and 16, but no active discharge was observed.</p>	Review Appendix 2 - Groundsure pp. 56 to 66 and Photographs 15 to 16.

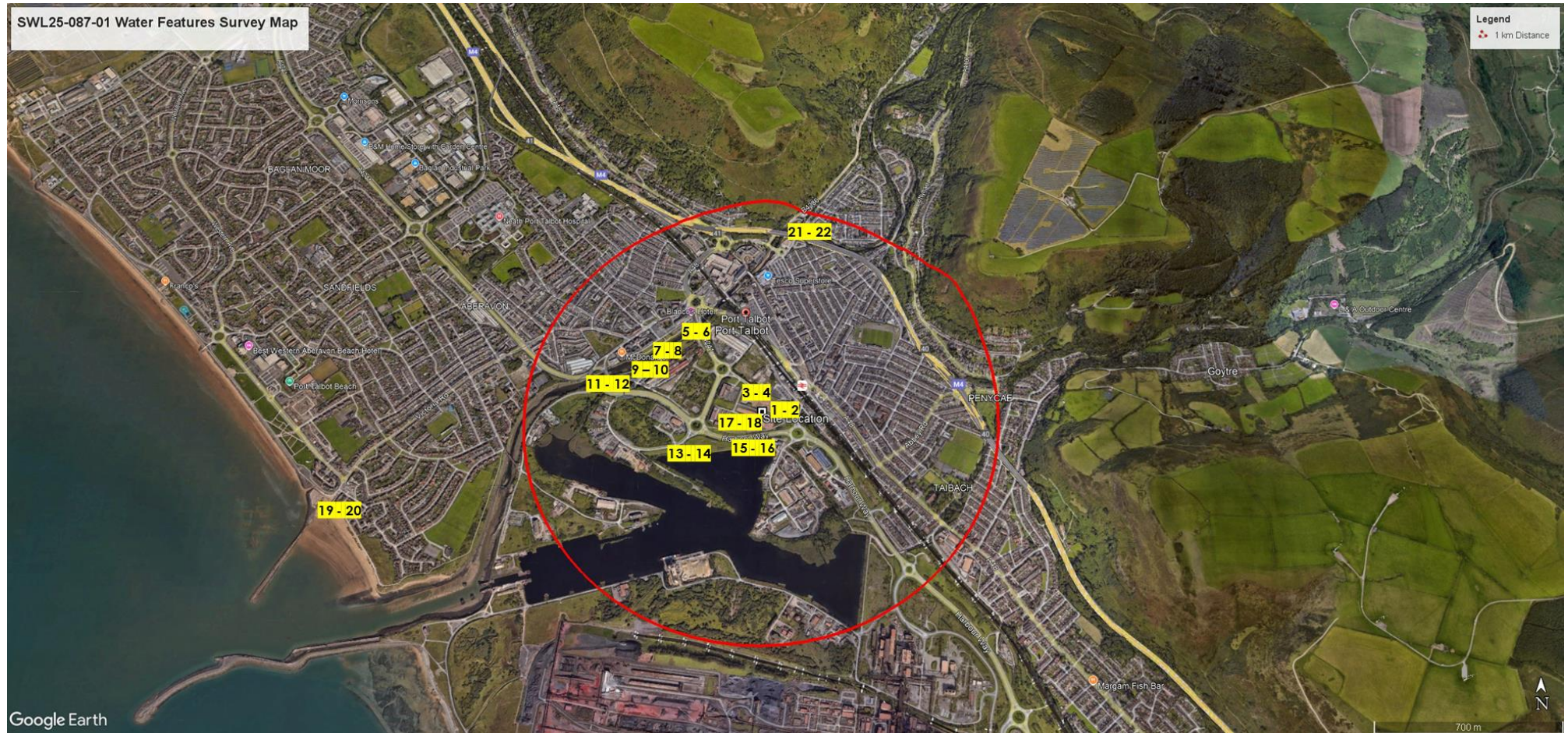


Figure 2: WFS photographs layout map

Appendix 1

Photographic Record

1



2



Photograph A1 & A2: Site location



Photograph A3 & A4: Groundwater monitoring well on site



Photograph A5 & A6: River Afan



Photograph A7 & A8: River Afan



Photograph A9 & A10: River Afan



Photograph A11 & A12: River Afan

13



14



Photograph A13 & A14: Unnamed water body to the south of the site



Photograph A15 & A16: Unnamed water body to the south of the site



Photograph A17 & A18: Unnamed water body to the south of the site

19



20



Photograph A19 & A20: Port Talbot Docks west of the site



Photograph A21 & A22: River Afan to the north of the site

Appendix 2:
Geo-environmental Report
(Groundsure Report)

CAR PARK, PORT TALBOT, NEATH PORT TALBOT, SA13 1RU

Order Details

Date: 09/04/2025
Your ref: SWL25-087 Port Talbot/PO no. 701508
Our Ref: GS-BJP-ZDX-DGB-TFU

Site Details

Location: 276571 189442
Area: 0.85 ha
Authority: [Castell-nedd Port Talbot - Neath Port Talbot County Borough](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

[p.14 >](#)

[Insight User Guide](#) ↗

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	24	10	55	112	-
23 >	1.2 >	Historical tanks >	7	16	59	49	-
28 >	1.3 >	Historical energy features >	4	0	7	10	-
29	1.4	Historical petrol stations	0	0	0	0	-
29 >	1.5 >	Historical garages >	0	0	8	23	-
31	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
32 >	2.1 >	Historical industrial land uses >	13	11	64	122	-
40 >	2.2 >	Historical tanks >	14	25	90	80	-
48 >	2.3 >	Historical energy features >	7	0	10	17	-
49	2.4	Historical petrol stations	0	0	0	0	-
50 >	2.5 >	Historical garages >	0	0	9	42	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
52	3.1	Active or recent landfill	0	0	0	0	-
52	3.2	Historical landfill (BGS records)	0	0	0	0	-
53	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
53	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
53 >	3.5 >	Historical waste sites >	0	0	0	7	-
55 >	3.6 >	Licensed waste sites >	0	0	0	45	-
67 >	3.7 >	Waste exemptions >	0	0	0	23	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
70 >	4.1 >	Recent industrial land uses >	0	0	24	-	-
72 >	4.2 >	Current or recent petrol stations >	0	0	1	0	-
72	4.3	Electricity cables	0	0	0	0	-
72	4.4	Gas pipelines	0	0	0	0	-
73	4.5	Sites determined as Contaminated Land	0	0	0	0	-



73 >	4.6 >	<u>Control of Major Accident Hazards (COMAH) ></u>	0	1	0	0	-
73	4.7	Regulated explosive sites	0	0	0	0	-
73	4.8	Hazardous substance storage/usage	0	0	0	0	-
74 >	4.9 >	<u>Historical licensed industrial activities (IPC) ></u>	0	0	0	4	-
74 >	4.10 >	<u>Licensed industrial activities (Part A(1)) ></u>	0	0	0	3	-
75 >	4.11 >	<u>Licensed pollutant release (Part A(2)/B) ></u>	0	0	1	1	-
76	4.12	Radioactive Substance Authorisations	0	0	0	0	-
76 >	4.13 >	<u>Licensed Discharges to controlled waters ></u>	0	1	5	6	-
78	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
78	4.15	Pollutant release to public sewer	0	0	0	0	-
78	4.16	List 1 Dangerous Substances	0	0	0	0	-
78	4.17	List 2 Dangerous Substances	0	0	0	0	-
78 >	4.18 >	<u>Pollution Incidents (EA/NRW) ></u>	0	0	7	7	-
80	4.19	Pollution inventory substances	0	0	0	0	-
80	4.20	Pollution inventory waste transfers	0	0	0	0	-
81	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
82 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
84 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
86 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
87	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
87	5.5	Groundwater vulnerability- local information	None (within 0m)				
88	5.6	Groundwater abstractions	0	0	0	0	0
89 >	5.7 >	<u>Surface water abstractions ></u>	0	0	0	0	26
94	5.8	Potable abstractions	0	0	0	0	0
94	5.9	Source Protection Zones	0	0	0	0	-
94	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
95	6.1	Water Network (OS MasterMap)	0	0	0	-	-



95 >	6.2 >	Surface water features >	0	1	0	-	-
96 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
96 >	6.4 >	WFD Surface water bodies >	0	1	0	-	-
97 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
98 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
99	7.2	Historical Flood Events	0	0	0	-	-
99	7.3	Flood Defences	0	0	0	-	-
99 >	7.4 >	Areas Benefiting from Flood Defences >	1	2	2	-	-
100	7.5	Flood Storage Areas	0	0	0	-	-
101 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
102 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
103 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
105 >	9.1 >	Groundwater flooding >	Moderate (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
106	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
107	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
107	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
107	10.4	Special Protection Areas (SPA)	0	0	0	0	0
107	10.5	National Nature Reserves (NNR)	0	0	0	0	0
108	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
108 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	9
108	10.8	Biosphere Reserves	0	0	0	0	0
109	10.9	Forest Parks	0	0	0	0	0
109	10.10	Marine Conservation Zones	0	0	0	0	0
109	10.11	Green Belt	0	0	0	0	0
109	10.12	Proposed Ramsar sites	0	0	0	0	0



109	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
110	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
110	10.15	Nitrate Sensitive Areas	0	0	0	0	0
110	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
111	10.17	SSSI Impact Risk Zones	0	-	-	-	-
111	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
112	11.1	World Heritage Sites	0	0	0	-	-
113	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
113	11.3	National Parks	0	0	0	-	-
113 >	11.4 >	Listed Buildings >	0	0	1	-	-
114	11.5	Conservation Areas	0	0	0	-	-
114	11.6	Scheduled Ancient Monuments	0	0	0	-	-
114	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
115 >	12.1 >	Agricultural Land Classification >	Grade 4 (within 250m)				
116	12.2	Open Access Land	0	0	0	-	-
116	12.3	Tree Felling Licences	0	0	0	-	-
116	12.4	Environmental Stewardship Schemes	0	0	0	-	-
116	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
117	13.1	Priority Habitat Inventory	0	0	0	-	-
117	13.2	Habitat Networks	0	0	0	-	-
117	13.3	Open Mosaic Habitat	0	0	0	-	-
117	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
118 >	14.1 >	10k Availability >	Identified (within 500m)				
119 >	14.2 >	Artificial and made ground (10k) >	1	0	0	4	-
121 >	14.3 >	Superficial geology (10k) >	1	1	1	4	-



122	14.4	Landslip (10k)	0	0	0	0	-
123 >	14.5 >	Bedrock geology (10k) >	2	0	1	4	-
124 >	14.6 >	Bedrock faults and other linear features (10k) >	1	0	1	3	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
125 >	15.1 >	50k Availability >	Identified (within 500m)				
126 >	15.2 >	Artificial and made ground (50k) >	1	0	0	2	-
127 >	15.3 >	Artificial ground permeability (50k) >	1	0	-	-	-
128 >	15.4 >	Superficial geology (50k) >	1	1	1	1	-
129 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
129	15.6	Landslip (50k)	0	0	0	0	-
129	15.7	Landslip permeability (50k)	None (within 50m)				
130 >	15.8 >	Bedrock geology (50k) >	2	0	1	3	-
131 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
131 >	15.10 >	Bedrock faults and other linear features (50k) >	1	0	1	3	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
133 >	16.1 >	BGS Boreholes >	0	0	11	-	-
Page	Section	Natural ground subsidence >					
135 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
136 >	17.2 >	Running sands >	Negligible (within 50m)				
137 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
138 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
139 >	17.5 >	Landslides >	Very low (within 50m)				
140 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
142	18.1	BritPits	0	0	0	0	-
143 >	18.2 >	Surface ground workings >	6	3	35	-	-
144 >	18.3 >	Underground workings >	0	0	0	0	2
145	18.4	Underground mining extents	0	0	0	0	-
145	18.5	Historical Mineral Planning Areas	0	0	0	0	-



145	18.6	Non-coal mining	0	0	0	0	0
145	18.7	JPB mining areas	None (within 0m)				
146	18.8	The Coal Authority non-coal mining	0	0	0	0	-
146	18.9	Researched mining	0	0	0	0	-
146	18.10	Mining record office plans	0	0	0	0	-
146	18.11	BGS mine plans	0	0	0	0	-
147 >	18.12 >	Coal mining >	Identified (within 0m)				
147	18.13	Brine areas	None (within 0m)				
147	18.14	Gypsum areas	None (within 0m)				
147	18.15	Tin mining	None (within 0m)				
147	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
148	19.1	Natural cavities	0	0	0	0	-
148	19.2	Mining cavities	0	0	0	0	0
148	19.3	Reported recent incidents	0	0	0	0	-
148	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
150 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
152 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	2	-	-	-
152	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
153	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
154	22.1	Underground railways (London)	0	0	0	-	-
154	22.2	Underground railways (Non-London)	0	0	0	-	-
155	22.3	Railway tunnels	0	0	0	-	-
155 >	22.4 >	Historical railway and tunnel features >	9	16	43	-	-
158	22.5	Royal Mail tunnels	0	0	0	-	-
158 >	22.6 >	Historical railways >	0	0	1	-	-



158 >	22.7 >	Railways >	0	0	18	-	-
159	22.8	Crossrail 2	0	0	0	0	-
159	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 08/04/2023

Site Area: 0.85ha



Recent site history - 2020 aerial photograph



Capture Date: 14/04/2020

Site Area: 0.85ha



Recent site history - 2014 aerial photograph



Capture Date: 23/07/2014

Site Area: 0.85ha



Recent site history - 2001 aerial photograph



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Capture Date: 27/08/2001

Site Area: 0.85ha



Recent site history - 2000 aerial photograph



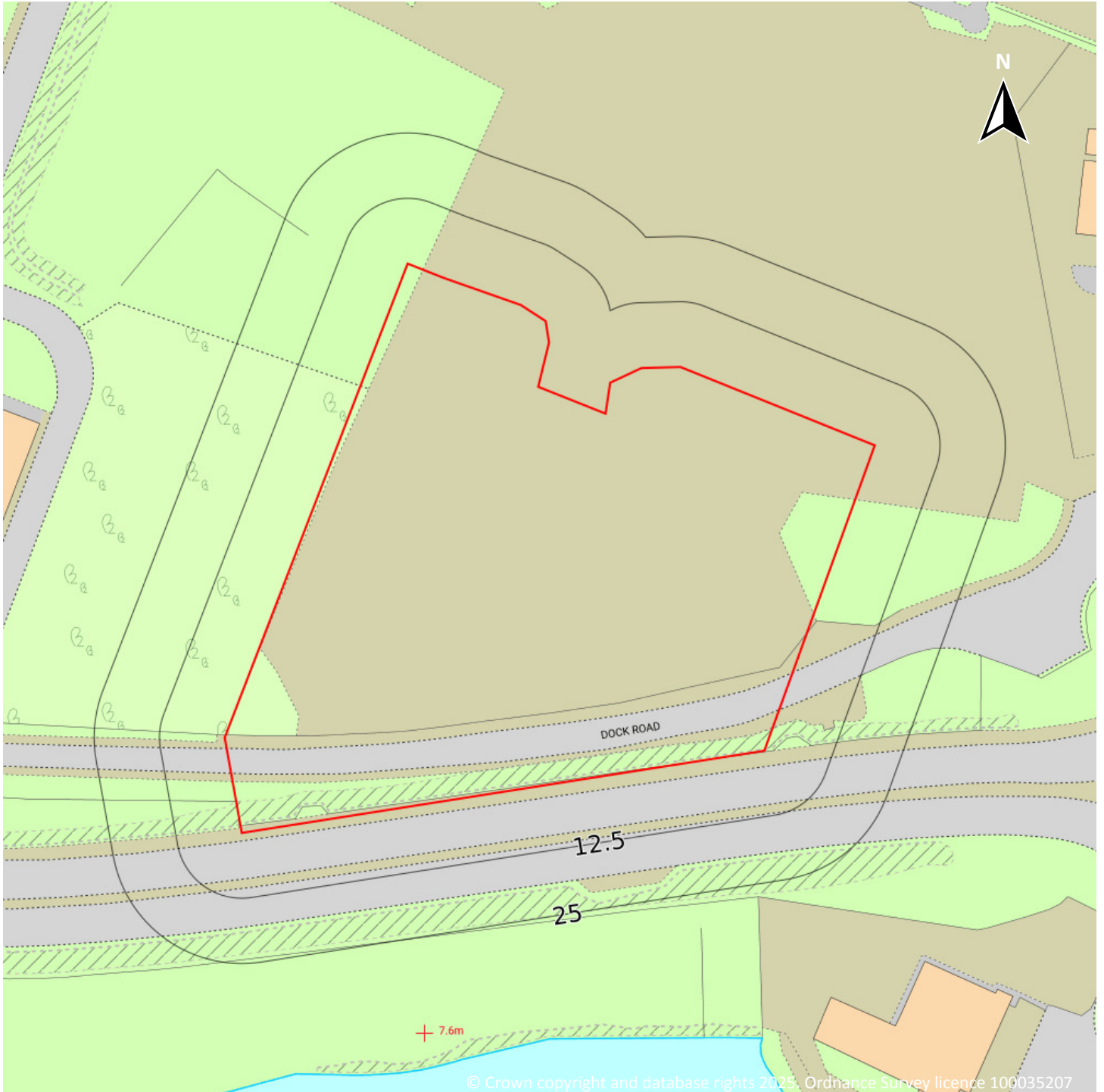
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Capture Date: 18/06/2000

Site Area: 0.85ha



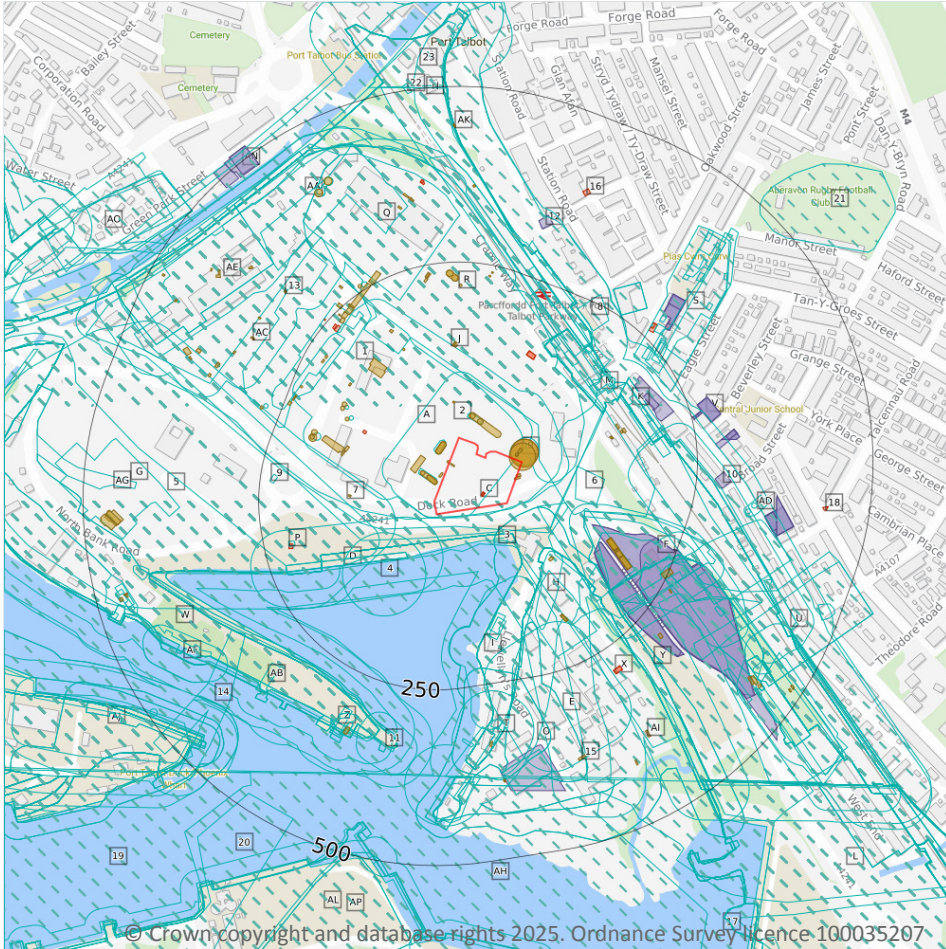
OS MasterMap site plan



Site Area: 0.85ha



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 **201**

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

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

ID	Location	Land use	Dates present	Group ID
1	On site	Dock	1914 - 1921	376378



ID	Location	Land use	Dates present	Group ID
2	On site	Railway Sidings	1962 - 1969	387907
A	On site	Unspecified Commercial/Industrial	1965	331674
A	On site	Unspecified Disused Works	1982	332103
A	On site	Industrial Estate	1993	334259
A	On site	Railway Sidings	1921	349984
A	On site	Railway Sidings	1914	349985
A	On site	Railway Sidings	1921	349986
A	On site	Railway Sidings	1921	349987
A	On site	Railway Sidings	1914	349988
A	On site	Railway Sidings	1914	349989
A	On site	Railway Sidings	1914	349990
A	On site	Railway Sidings	1921	349991
A	On site	Railway Sidings	1921	349992
A	On site	Railway Sidings	1921	349993
A	On site	Railway Sidings	1921	349994
A	On site	Railway Sidings	1914	349995
A	On site	Railway Sidings	1914	349996
A	On site	Steel Works	1914 - 1921	350632
A	On site	Old Dock	1947	361467
A	On site	Railway Sidings	1914	376857
A	On site	Steel Works	1947	378440
A	On site	Railway Sidings	1947	379722
B	On site	Unspecified Tank	1947 - 1965	364250
A	8m W	Unspecified Tanks	1965	336609
A	13m E	Unspecified Works	1965	362846
A	15m NW	Unspecified Tanks	1965	336570
D	20m SW	Unspecified Wharf	1965	354279
E	23m SE	Disused Docks	1982	350380



ID	Location	Land use	Dates present	Group ID
E	23m SE	Disused Docks	1993	384926
F	25m E	Railway Sidings	1982	367833
A	29m N	Unspecified Tanks	1965	336569
F	42m SE	Tin Plate Works	1884	360636
3	47m S	Railway Building	1947	348384
4	54m SW	Goods Wharf	1947	347992
5	59m SW	Timber Yard	1947	336495
D	70m SW	Steel Works Wharf	1993	349015
D	70m SW	Unspecified Wharf	1982	360961
6	79m E	Chemical Works	1884	331763
G	88m SW	Old Dock	1914	368934
F	91m E	Tin Plate Works	1914	371924
H	92m SE	Refuse Heap	1914 - 1921	354217
I	105m S	Quay	1965	389576
F	108m E	Tin Plate Works	1947	361932
F	108m E	Tin Plate Works	1897	367109
F	108m E	Railway Sidings	1897	374217
H	113m SE	Unspecified Depot	1982	333582
L	140m NE	Railway Sidings	1993	382554
M	141m NE	Railway Station	1914 - 1921	365898
F	142m SE	Unspecified Depot	1982	380766
M	144m NE	Railway Station	1947	388678
M	149m NE	Railway Station	1897	374176
A	150m NW	Unspecified Tank	1914 - 1921	362425
I	152m S	Sawmill	1897	385921
F	153m E	Goods Yard	1993	336456
M	155m NE	Railway Building	1947	348385
I	158m S	Sawmill	1914 - 1921	365736



ID	Location	Land use	Dates present	Group ID
A	162m NW	Unspecified Tank	1914	338924
M	167m NE	Railway Building	1914	348128
M	167m NE	Railway Station	1982	384547
K	168m NE	Railway Buildings	1947	336218
M	168m NE	Railway Building	1897	348387
K	169m NE	Railway Building	1897 - 1914	389667
N	171m NE	Railway Sidings	1897	381800
O	173m S	Refuse Heap	1914	380760
O	173m S	Refuse Heap	1921	381074
E	180m SE	Unspecified Works	1982	336811
M	182m NE	Railway Station	1993	361009
A	184m W	Unspecified Tank	1914 - 1921	358776
F	192m SE	Tin Plate Works	1921	385933
P	206m W	Electricity Substation	1993	341512
8	213m NE	Police Station	1947	347555
Q	213m NW	Unspecified Depot	1982	333583
A	214m NW	Unspecified Works	1982	336825
S	219m NE	Railway Sidings	1914 - 1921	352162
M	222m NE	Railway Station	1965	358327
9	226m W	Railway Building	1914	348464
T	226m S	Quay	1993	351090
T	226m S	Quay	1982	353242
G	227m SW	Docks	1965	388332
S	227m NE	Railway Building	1921	348229
S	227m NE	Railway Sidings	1947	376080
S	236m NE	Railway Station	1965	365591
F	240m SE	Tin Plate Works	1884	367843
S	243m NE	Railway Station	1914 - 1921	377774



ID	Location	Land use	Dates present	Group ID
S	245m NE	Railway Station	1947	365889
M	246m N	Railway Building	1965	348388
F	247m SE	Unspecified Heap	1884	339609
U	247m SE	Railway Sidings	1884	387787
A	252m NW	Unspecified Tank	1914 - 1921	359232
S	253m NE	Police Station	1993	386293
S	253m NE	Police Station	1982	389030
T	260m S	Quay	1914 - 1921	389091
S	262m NE	Railway Sidings	1897	383639
S	265m NE	Railway Building	1921	348230
A	269m W	Unspecified Tank	1914 - 1921	391257
W	274m SW	Old Dock	1897	357991
W	274m SW	Railway Sidings	1897	376482
S	282m NE	Railway Building	1921	348231
F	290m SE	Railway Building	1947	348225
11	292m S	Quay	1914	338213
T	301m S	Quay	1897	385829
Y	302m SE	Railway Building	1947	348383
Z	304m SW	Coal Tips	1897	375009
Z	308m SW	Coal Tip	1947	367385
AA	309m N	Iron Foundry	1897	342154
T	309m S	Railway Sidings	1897 - 1900	357882
Z	309m SW	Unspecified Tanks	1947	336545
AB	311m SW	Coal Tips	1897	354986
T	312m S	Railway Building	1914	348130
Z	319m SW	Unspecified Tanks	1921 - 1947	364786
14	321m SW	Railway Sidings	1884	379794
T	322m S	Quay	1947	383217



ID	Location	Land use	Dates present	Group ID
AD	324m E	Gas Works	1884	347623
AD	326m E	Gasometer	1884	349189
AE	330m NW	Unspecified Works	1982	377731
F	332m SE	Railway Building	1947	348648
AD	333m E	Gasometer	1884	349182
Z	337m SW	Coal Tip	1914	363211
Z	337m SW	Coal Tips	1921	371599
S	342m NE	Railway Building	1921	348232
L	347m SE	Tin Plate Works	1947	377386
S	348m NE	Railway Building	1921	348233
AB	350m SW	Coal Tip	1914	334527
AB	350m SW	Coal Tips	1921	376404
T	353m S	Unspecified Depot	1982	333587
S	354m NE	Sawmill	1897	347578
S	359m NE	Railway Building	1921	348234
AF	362m SW	Goods Wharf	1914	359792
AE	362m NW	Tin Plate Works	1897	349119
AE	362m NW	Railway Sidings	1897	357954
AG	362m W	Unspecified Depot	1965	333596
U	364m SE	Tin Plate Works	1884	361378
S	371m NE	Railway Building	1921	348236
AH	372m S	Docks	1949	350174
T	373m S	Unspecified Wharf	1947	351965
T	374m S	Quay	1949	368702
T	375m S	Quay	1900	370643
T	376m S	Railway Sidings	1949	357804
AF	376m SW	Unspecified Wharf	1897	333648
T	384m S	Railway Sidings	1885	386999



ID	Location	Land use	Dates present	Group ID
AF	387m SW	Goods Wharf	1921	350956
S	388m NE	Railway Building	1914 - 1921	382195
L	390m SE	Railway Building	1947	348382
L	395m SE	Tin Plate Works	1914	372764
AA	395m NW	Unspecified Tanks	1993	352050
AA	395m NW	Unspecified Tanks	1982	360908
L	408m SE	Unspecified Works	1965	336792
L	408m SE	Unspecified Commercial/Industrial	1982	382277
L	408m SE	Unspecified Commercial/Industrial	1993	389033
AJ	409m SW	Unspecified Wharf	1947	350116
S	410m NE	Railway Building	1921	348235
G	417m W	Unspecified Pit	1914 - 1921	353003
L	422m SE	Unspecified Pit	1884	343057
L	424m SE	Tin Plate Works	1921	376578
AJ	431m SW	Disused Docks	1993	376368
AJ	431m SW	Disused Docks	1982	379422
17	432m S	Railway Sidings	1884	350127
AJ	439m SW	Unspecified Wharf	1914	382517
G	439m W	Railway Building	1897	348129
L	442m SE	Tin Plate Works	1897	362814
G	449m W	Railway Building	1897	348462
G	450m W	Good Shed	1921	347699
AL	450m S	Railway Sidings	1921	362474
AL	450m S	Railway Sidings	1914	371185
AL	451m S	Unspecified Dock	1947	389577
AL	452m S	Dock	1938	361549
19	454m SW	Docks	1900	356911
AJ	456m SW	Unspecified Wharf	1993	359477



ID	Location	Land use	Dates present	Group ID
AJ	456m SW	Unspecified Wharf	1982	362540
AH	456m S	Boat House	1914 - 1921	379362
AJ	461m SW	Unspecified Wharf	1965	362603
G	463m W	Coal Tips	1921	349558
G	463m W	Coal Tip	1914	371217
U	466m E	Unspecified Heap	1884	339746
AJ	466m SW	Railway Sidings	1897	356837
AL	467m S	Docks	1965	372496
G	475m W	Coal Tip	1947	363478
20	478m SW	Railway Sidings	1900	354552
AM	481m SE	Railway Sidings	1949	350080
AM	481m SE	Railway Sidings	1949	350081
AM	481m SE	Railway Sidings	1938	350082
AM	481m SE	Railway Sidings	1938	350083
AM	481m SE	Railway Sidings	1938	350084
AM	481m SE	Railway Sidings	1947	350085
AM	481m SE	Railway Sidings	1947	350086
AM	485m SE	Steel Works	1947	350151
AM	485m SE	Steel Works	1938	350152
AM	485m SE	Steel Works	1947	350153
21	486m NE	Unspecified Pit	1965	343060
AM	486m SE	Iron and Steel Works	1949	335780
AJ	487m SW	Unspecified Wharf	1921	390818
AL	491m S	Railway Sidings	1949	377190
22	495m N	Railway Building	1897	348136
AO	496m NW	Railway Sidings	1897 - 1914	382664
AO	498m NW	Unspecified Commercial/Industrial	1947	331656
AO	498m NW	Railway Sidings	1947	390324



ID	Location	Land use	Dates present	Group ID
AP	498m S	Copper Works	1938	350321
23	498m N	Railway Sidings	1957	380687
AP	498m S	Copper Works	1947	350240
AO	499m NW	Disused Tin Plate Works	1897	333654

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	131
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
A	On site	Tanks	1962 - 1974	43735
A	On site	Unspecified Tank	1962 - 1974	45999
B	On site	Unspecified Tank	1951	42700
B	On site	Unspecified Tank	1962	43306
B	On site	Gasholder	1951	44921
B	On site	Unspecified Tank	1939	45181
B	On site	Unspecified Tank	1939	45826
A	3m W	Tanks	1962 - 1974	41526
B	5m NE	Tanks	1974	41151
B	5m NE	Unspecified Tank	1969	41534
A	6m W	Tanks	1969	45886
A	6m W	Tanks	1962 - 1967	43640
A	6m W	Tanks	1974	43701
B	10m NE	Tanks	1969 - 1974	44870



ID	Location	Land use	Dates present	Group ID
A	13m NW	Tanks	1962 - 1967	41518
A	13m NW	Tanks	1974	45891
A	13m NW	Tanks	1969	42664
A	20m NE	Tanks	1968 - 1969	41599
A	27m W	Unspecified Tank	1962 - 1967	43052
A	28m N	Unspecified Tank	1962	40187
A	32m N	Unspecified Tank	1962	40188
A	34m NW	Tanks	1967	40642
A	50m N	Unspecified Tank	1939	39987
H	99m SE	Unspecified Tank	1939	39969
7	119m W	Unspecified Tank	1950 - 1951	41859
J	129m N	Tanks	1991 - 1996	43430
K	130m E	Unspecified Tank	1996	45542
J	131m N	Unspecified Tank	1988	40192
K	131m E	Unspecified Tank	1968 - 1991	44698
A	140m NW	Unspecified Tank	1917 - 1951	43042
A	140m W	Unspecified Tank	1950 - 1951	42580
A	143m W	Unspecified Tank	1939	39988
K	144m E	Unspecified Tank	1939	39971
A	146m NW	Unspecified Tank	1917	39984
K	147m E	Unspecified Tank	1917	39968
A	147m W	Unspecified Tank	1917 - 1939	43633
K	150m E	Unspecified Tank	1950 - 1951	41786
F	151m SE	Unspecified Tank	1967	43842
F	152m SE	Tanks	1974	41266
F	152m SE	Unspecified Tank	1951	41904
F	152m SE	Unspecified Tank	1969	44046
F	152m SE	Unspecified Tank	1951	44232



ID	Location	Land use	Dates present	Group ID
A	155m NW	Unspecified Tank	1917	39985
A	165m NW	Unspecified Tank	1951 - 1969	45466
A	167m NW	Unspecified Tank	1917 - 1939	46393
F	167m SE	Unspecified Tank	1951	45199
F	167m SE	Unspecified Tank	1969	41625
F	169m SE	Unspecified Tank	1967	44725
F	170m SE	Unspecified Tank	1951	45439
A	171m NW	Unspecified Tank	1951	44233
H	176m SE	Tanks	1995	44007
A	177m NW	Unspecified Tank	1951	46249
H	177m SE	Tanks	1974 - 1991	42524
F	178m SE	Unspecified Tank	1951	42087
F	178m SE	Unspecified Tank	1967 - 1974	42293
F	178m SE	Unspecified Tank	1951	43301
A	189m W	Unspecified Tank	1917	44195
A	190m W	Unspecified Tank	1951	45609
A	192m W	Unspecified Tank	1939	44542
R	215m N	Unspecified Tank	1917	39983
A	220m NW	Tanks	1979	41158
A	220m NW	Tanks	1979	41157
R	223m N	Unspecified Tank	1950 - 1951	44848
R	223m N	Tanks	1962	41152
R	226m N	Unspecified Tank	1939	40194
R	230m N	Unspecified Tank	1950 - 1951	45394
R	231m N	Unspecified Tank	1951	41990
R	232m N	Unspecified Tank	1950	41917
A	232m NW	Unspecified Tank	1939	40184
R	233m N	Unspecified Tank	1939	39986



ID	Location	Land use	Dates present	Group ID
A	233m NW	Unspecified Tank	1979	40191
A	234m NW	Unspecified Tank	1939	43606
A	235m NW	Tanks	1951	42057
A	237m NW	Tanks	1979	41155
A	238m NW	Unspecified Tank	1951	44359
R	239m N	Unspecified Tank	1950	43888
R	239m N	Unspecified Tank	1951	41546
A	240m NW	Tanks	1979	41156
F	242m SE	Unspecified Tank	1939	40519
A	242m NW	Unspecified Tank	1939	40193
A	249m NW	Unspecified Tank	1951	44598
A	250m NW	Unspecified Tank	1917 - 1939	42026
A	255m NW	Unspecified Tank	1917	39982
F	262m SE	Tanks	1951	41265
A	270m NW	Unspecified Tank	1951	41684
A	275m W	Unspecified Tank	1917	40045
Y	285m SE	Unspecified Tank	1951	45285
13	321m NW	Unspecified Tank	1979 - 1991	43356
AC	323m NW	Tanks	1971 - 1979	43079
Z	328m SW	Tanks	1917	41083
AC	329m NW	Tanks	1979	41153
T	331m S	Unspecified Tank	1974	40381
Q	335m N	Unspecified Tank	1951	41996
AC	340m NW	Unspecified Tank	1979	40190
Q	342m N	Tanks	1971 - 1979	41978
Q	351m N	Tanks	1979	41154
AC	355m NW	Unspecified Tank	1951	46365
N	357m N	Unspecified Tank	1950 - 1951	44399



ID	Location	Land use	Dates present	Group ID
AC	361m W	Unspecified Tank	1951	42555
15	374m S	Tanks	1974 - 1988	43679
AI	379m SE	Unspecified Tank	1974 - 1988	45003
AE	380m NW	Tanks	1951	41493
AC	386m NW	Unspecified Tank	1951	41970
T	388m S	Unspecified Tank	1988 - 1995	45704
T	388m S	Unspecified Tank	1974	44228
AC	395m NW	Unspecified Tank	1951	44443
AA	396m NW	Unspecified Tank	1979 - 1991	41799
AC	399m NW	Tanks	1939	41150
AA	405m NW	Unspecified Tank	1979 - 1991	42747
AE	409m NW	Unspecified Tank	1917	40043
AI	409m SE	Unspecified Tank	1995	43738
AE	412m NW	Unspecified Tank	1939	40185
L	424m SE	Unspecified Tank	1939	39970
AE	424m NW	Unspecified Tank	1917	40044
L	426m SE	Unspecified Tank	1951	43112
L	441m SE	Unspecified Tank	1951	43371
AK	442m N	Unspecified Tank	1951	41824
AK	442m N	Unspecified Tank	1969	43518
AK	443m N	Unspecified Tank	1968	42702
AK	443m N	Unspecified Tank	1950	44126
AK	443m N	Unspecified Tank	1962	46170
AG	443m W	Tanks	1950	43355
AE	446m NW	Unspecified Tank	1951	43124
AG	447m W	Tanks	1951	45441
AG	454m W	Tanks	1939	42296
G	454m W	Tanks	1962	41093



ID	Location	Land use	Dates present	Group ID
G	454m W	Tanks	1950 - 1962	44907
G	462m W	Unspecified Tank	1939	40049
AE	478m NW	Tanks	1951	45869
L	481m SE	Unspecified Tank	1952	42633
L	481m SE	Unspecified Tank	1952	46479

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	21
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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 ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
B	On site	Gasholder	1951	23514
C	On site	Electricity Substation	1991	21738
C	On site	Electricity Substations	1988	21932
C	On site	Electricity Substation	1995	23426
A	125m NW	Electricity Substation	1979 - 1991	21616
M	142m NE	Electricity Substation	1996	21665
M	142m NE	Electricity Substation	1988 - 1991	22197
P	210m W	Electricity Substation	1991	20444
F	210m SE	Electricity Substation	1951	22961
A	230m NW	Electricity Substation	1971	20439
A	236m NW	Electricity Substation	1991	20455
A	253m NW	Electricity Substation	1979	20454
S	261m NE	Electricity Substation	1950 - 1951	22989



ID	Location	Land use	Dates present	Group ID
S	266m NE	Electricity Substation	1991	23433
S	281m NE	Electricity Substation	1996	20434
X	281m SE	Electricity Transformer	1974	21247
X	282m SE	Electricity Substation	1988 - 1995	24388
Q	363m N	Electricity Transformer	1971	21163
Q	366m N	Electricity Substation	1979 - 1991	22348
16	385m N	Electricity Substation	1996	20435
18	434m E	Electricity Substation	1991 - 1993	25422

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

31

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

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

ID	Location	Land use	Dates present	Group ID
F	125m E	Wagon Repair Depot	1967	8342
F	125m E	Wagon Repair Depot	1974	8845
F	142m SE	Wagon Repair Depot	1967	8230



ID	Location	Land use	Dates present	Group ID
F	142m SE	Wagon Repair Depot	1974	8844
F	143m SE	Wagon Repair Depot	1969	7795
K	194m NE	Garage	1969	8468
K	196m NE	Garage	1962 - 1968	8524
F	202m SE	Wagon Repair Depot	1969	8642
V	251m E	Garage	1968	8183
V	252m E	Garage	1988	7780
V	256m E	Garage	1969	7596
10	276m E	Garage	1962 - 1988	8045
V	277m E	Garage	1969	8750
S	279m NE	Garage	1950	7768
S	279m NE	Garage	1962 - 1969	8135
V	286m E	Garage	1962	7889
V	286m E	Garage	1968	8153
S	287m NE	Garage	1988 - 1991	8057
V	293m E	Garage	1988	8150
S	308m NE	Garage	1996	8541
12	320m N	Garage	1968 - 1996	8855
T	347m S	Repair Depot	1974	7480
AD	354m E	Garage	1988	7488
AD	354m E	Garage	1988	7489
AD	355m E	Garage	1969	8589
AD	355m E	Garage	1974	7483
AD	355m E	Garage	1951 - 1967	8473
AD	366m E	Garage	1949 - 1993	8550
AN	482m NW	Garage	1991	7604
AN	483m NW	Garage	1979	8879
AN	484m NW	Garage	1951 - 1957	7941

This data is sourced from Ordnance Survey / Groundsure.



1.6 Historical military land

Records within 500m

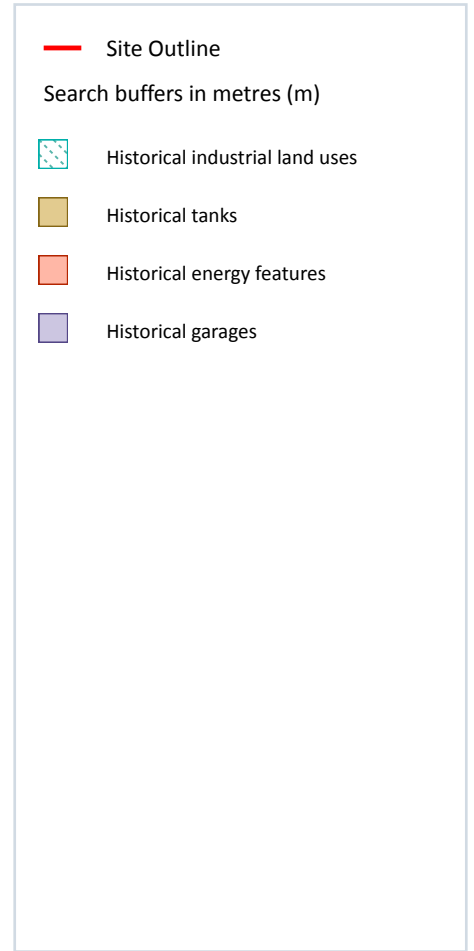
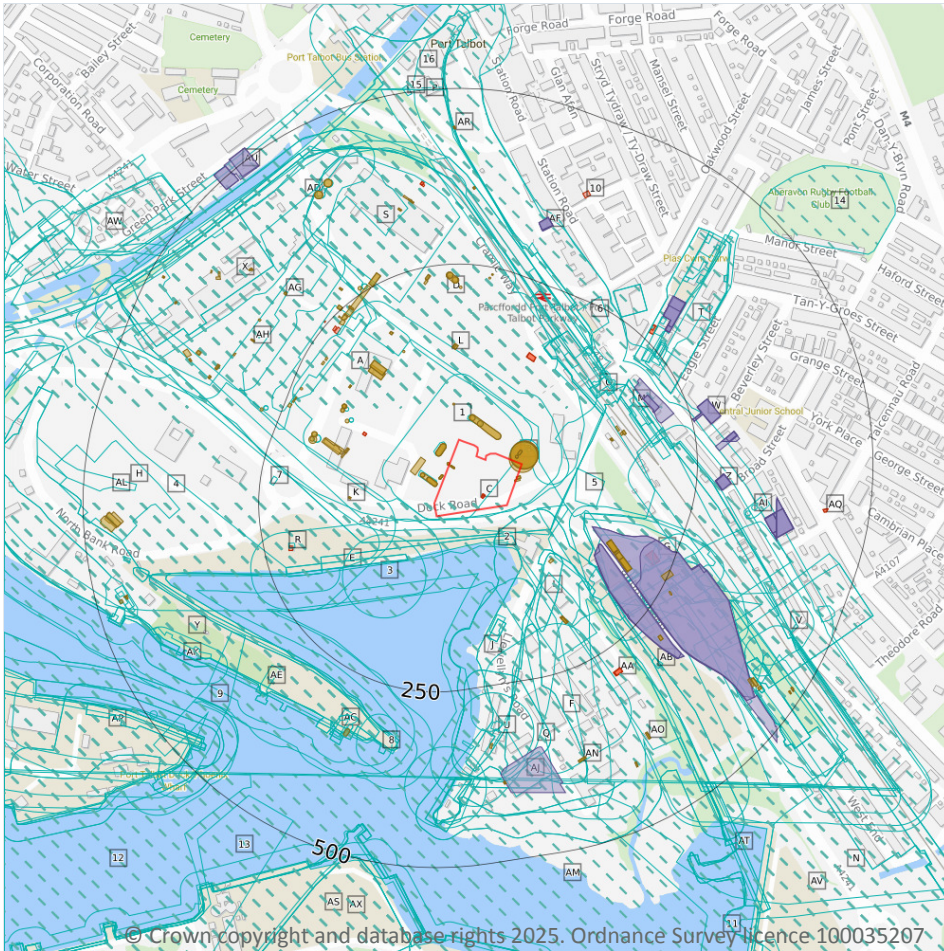
0

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



2.1 Historical industrial land uses

Records within 500m

210

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 32](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Railway Sidings	1965	387907
A	On site	Railway Sidings	1947	379722
A	On site	Steel Works	1947	378440

ID	Location	Land Use	Date	Group ID
A	On site	Industrial Estate	1993	334259
A	On site	Unspecified Disused Works	1982	332103
A	On site	Unspecified Commercial/Industrial	1965	331674
A	On site	Old Dock	1947	361467
A	On site	Dock	1921	376378
A	On site	Railway Sidings	1914	376857
A	On site	Steel Works	1914	350632
A	On site	Railway Sidings	1921	349984
A	On site	Steel Works	1921	350632
B	On site	Unspecified Tank	1965	364250
B	1m E	Unspecified Tank	1947	364250
A	8m W	Unspecified Tanks	1965	336609
D	13m E	Unspecified Works	1965	362846
A	15m NW	Unspecified Tanks	1965	336570
E	20m SW	Unspecified Wharf	1965	354279
F	23m SE	Disused Docks	1993	384926
F	23m SE	Disused Docks	1982	350380
G	25m E	Railway Sidings	1982	367833
A	29m N	Unspecified Tanks	1965	336569
G	42m SE	Tin Plate Works	1884	360636
2	47m S	Railway Building	1947	348384
3	54m SW	Goods Wharf	1947	347992
4	59m SW	Timber Yard	1947	336495
E	70m SW	Steel Works Wharf	1993	349015
E	70m SW	Unspecified Wharf	1982	360961
5	79m E	Chemical Works	1884	331763
H	88m SW	Old Dock	1914	368934
G	91m E	Tin Plate Works	1914	371924



ID	Location	Land Use	Date	Group ID
I	92m SE	Refuse Heap	1914	354217
I	92m SE	Refuse Heap	1921	354217
J	105m S	Quay	1965	389576
G	108m E	Tin Plate Works	1947	361932
G	108m E	Tin Plate Works	1897	367109
G	108m E	Railway Sidings	1897	374217
I	113m SE	Unspecified Depot	1982	333582
N	140m NE	Railway Sidings	1993	382554
O	141m NE	Railway Station	1914	365898
O	141m NE	Railway Station	1921	365898
G	142m SE	Unspecified Depot	1982	380766
O	144m NE	Railway Station	1947	388678
O	149m NE	Railway Station	1897	374176
A	150m NW	Unspecified Tank	1914	362425
A	150m NW	Unspecified Tank	1921	362425
J	152m S	Sawmill	1897	385921
G	153m E	Goods Yard	1993	336456
O	155m NE	Railway Building	1947	348385
J	158m S	Sawmill	1914	365736
J	158m S	Sawmill	1921	365736
A	162m NW	Unspecified Tank	1914	338924
O	167m NE	Railway Building	1914	348128
O	167m NE	Railway Station	1982	384547
M	168m NE	Railway Buildings	1947	336218
O	168m NE	Railway Building	1897	348387
M	169m NE	Railway Building	1914	389667
P	171m NE	Railway Sidings	1897	381800
Q	173m S	Refuse Heap	1914	380760



ID	Location	Land Use	Date	Group ID
Q	173m S	Refuse Heap	1921	381074
M	174m E	Railway Building	1897	389667
F	180m SE	Unspecified Works	1982	336811
O	182m NE	Railway Station	1993	361009
A	184m W	Unspecified Tank	1914	358776
A	184m W	Unspecified Tank	1921	358776
G	192m SE	Tin Plate Works	1921	385933
R	206m W	Electricity Substation	1993	341512
6	213m NE	Police Station	1947	347555
S	213m NW	Unspecified Depot	1982	333583
A	214m NW	Unspecified Works	1982	336825
G	219m E	Unspecified Depot	1982	380766
T	219m NE	Railway Sidings	1914	352162
T	219m NE	Railway Sidings	1921	352162
O	222m NE	Railway Station	1965	358327
7	226m W	Railway Building	1914	348464
U	226m S	Quay	1993	351090
U	226m S	Quay	1982	353242
H	227m SW	Docks	1965	388332
T	227m NE	Railway Building	1921	348229
T	227m NE	Railway Sidings	1947	376080
T	236m NE	Railway Station	1965	365591
G	240m SE	Tin Plate Works	1884	367843
T	243m NE	Railway Station	1914	377774
T	243m NE	Railway Station	1921	377774
T	245m NE	Railway Station	1947	365889
O	246m N	Railway Building	1965	348388
G	247m SE	Unspecified Heap	1884	339609



ID	Location	Land Use	Date	Group ID
V	247m SE	Railway Sidings	1884	387787
A	252m NW	Unspecified Tank	1914	359232
A	252m NW	Unspecified Tank	1921	359232
T	253m NE	Police Station	1993	386293
T	253m NE	Police Station	1982	389030
U	260m S	Quay	1921	389091
T	262m NE	Railway Sidings	1897	383639
T	265m NE	Railway Building	1921	348230
A	269m W	Unspecified Tank	1914	391257
A	269m W	Unspecified Tank	1921	391257
X	273m NW	Unspecified Works	1965	362846
Y	274m SW	Railway Sidings	1897	376482
Y	274m SW	Old Dock	1897	357991
T	282m NE	Railway Building	1921	348231
G	290m SE	Railway Building	1947	348225
8	292m S	Quay	1914	338213
U	301m S	Quay	1897	385829
AB	302m SE	Railway Building	1947	348383
AC	304m SW	Coal Tips	1897	375009
AC	308m SW	Coal Tip	1947	367385
AD	309m N	Iron Foundry	1897	342154
U	309m S	Railway Sidings	1897	357882
AC	309m SW	Unspecified Tanks	1947	336545
AE	311m SW	Coal Tips	1897	354986
U	312m S	Railway Building	1914	348130
AC	319m SW	Unspecified Tanks	1947	364786
9	321m SW	Railway Sidings	1884	379794
U	322m S	Quay	1947	383217



ID	Location	Land Use	Date	Group ID
AI	324m E	Gas Works	1884	347623
AC	326m SW	Unspecified Tanks	1921	364786
AI	326m E	Gasometer	1884	349189
U	328m S	Quay	1921	389091
X	330m NW	Unspecified Works	1982	377731
G	332m SE	Railway Building	1947	348648
AI	333m E	Gasometer	1884	349182
AC	337m SW	Coal Tip	1914	363211
AC	337m SW	Coal Tips	1921	371599
T	342m NE	Railway Building	1921	348232
N	347m SE	Tin Plate Works	1947	377386
T	348m NE	Railway Building	1921	348233
AE	350m SW	Coal Tip	1914	334527
AE	350m SW	Coal Tips	1921	376404
AJ	353m S	Unspecified Depot	1982	333587
T	354m NE	Sawmill	1897	347578
T	359m NE	Railway Building	1921	348234
AK	362m SW	Goods Wharf	1914	359792
X	362m NW	Tin Plate Works	1897	349119
X	362m NW	Railway Sidings	1897	357954
AL	362m W	Unspecified Depot	1965	333596
V	364m SE	Tin Plate Works	1884	361378
AM	371m S	Dock	1914	376378
T	371m NE	Railway Building	1921	348236
AJ	372m S	Quay	1914	389091
AM	372m S	Docks	1949	350174
U	373m S	Unspecified Wharf	1947	351965
U	373m S	Unspecified Wharf	1947	351965



ID	Location	Land Use	Date	Group ID
AJ	374m S	Quay	1949	368702
U	375m S	Railway Sidings	1900	357882
U	375m S	Quay	1900	370643
U	376m S	Railway Sidings	1949	357804
AK	376m SW	Unspecified Wharf	1897	333648
U	384m S	Railway Sidings	1885	386999
AK	387m SW	Goods Wharf	1921	350956
T	388m NE	Railway Building	1914	382195
T	388m NE	Railway Building	1921	382195
N	390m SE	Railway Building	1947	348382
N	395m SE	Tin Plate Works	1914	372764
AD	395m NW	Unspecified Tanks	1993	352050
AD	395m NW	Unspecified Tanks	1982	360908
N	408m SE	Unspecified Commercial/Industrial	1993	389033
N	408m SE	Unspecified Commercial/Industrial	1982	382277
N	408m SE	Unspecified Works	1965	336792
AP	409m SW	Unspecified Wharf	1947	350116
T	410m NE	Railway Building	1921	348235
H	417m W	Unspecified Pit	1914	353003
H	417m W	Unspecified Pit	1921	353003
N	422m SE	Unspecified Pit	1884	343057
N	424m SE	Tin Plate Works	1921	376578
AP	431m SW	Disused Docks	1993	376368
AP	431m SW	Disused Docks	1982	379422
11	432m S	Railway Sidings	1884	350127
AP	439m SW	Unspecified Wharf	1914	382517
H	439m W	Railway Building	1897	348129
N	442m SE	Tin Plate Works	1897	362814



ID	Location	Land Use	Date	Group ID
H	449m W	Railway Building	1897	348462
H	450m W	Good Shed	1921	347699
AS	450m S	Railway Sidings	1914	371185
AS	450m S	Railway Sidings	1921	362474
AS	451m S	Unspecified Dock	1947	389577
AS	451m S	Unspecified Dock	1947	389577
AS	452m S	Dock	1938	361549
12	454m SW	Docks	1900	356911
AP	456m SW	Unspecified Wharf	1993	359477
AP	456m SW	Unspecified Wharf	1982	362540
AM	456m S	Boat House	1914	379362
AM	456m S	Boat House	1921	379362
AP	461m SW	Unspecified Wharf	1965	362603
H	463m W	Coal Tip	1914	371217
H	463m W	Coal Tips	1921	349558
V	466m E	Unspecified Heap	1884	339746
AP	466m SW	Railway Sidings	1897	356837
AS	467m S	Docks	1965	372496
H	475m W	Coal Tip	1947	363478
13	478m SW	Railway Sidings	1900	354552
AT	481m SE	Railway Sidings	1938	350084
AT	485m SE	Railway Sidings	1947	350085
AT	485m SE	Railway Sidings	1947	350086
AV	485m SE	Steel Works	1947	350151
AV	485m SE	Steel Works	1947	350153
14	486m NE	Unspecified Pit	1965	343060
AV	486m SE	Railway Sidings	1949	350080
AV	486m SE	Iron and Steel Works	1949	335780



ID	Location	Land Use	Date	Group ID
AP	487m SW	Unspecified Wharf	1921	390818
AS	491m S	Railway Sidings	1949	377190
15	495m N	Railway Building	1897	348136
AW	496m NW	Railway Sidings	1897	382664
AW	498m NW	Railway Sidings	1947	390324
AW	498m NW	Unspecified Commercial/Industrial	1947	331656
AX	498m S	Copper Works	1938	350321
16	498m N	Railway Sidings	1957	380687
AX	498m S	Copper Works	1947	350240
AX	498m S	Copper Works	1947	350240
AW	499m NW	Disused Tin Plate Works	1897	333654

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

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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 32 >](#)

ID	Location	Land Use	Date	Group ID
A	On site	Tanks	1969	43735
A	On site	Tanks	1967	43735
A	On site	Unspecified Tank	1967	45999
A	On site	Tanks	1962	43735
A	On site	Unspecified Tank	1962	45999
A	On site	Tanks	1974	43735
A	On site	Unspecified Tank	1974	45999
B	On site	Unspecified Tank	1939	45826
B	On site	Unspecified Tank	1939	45181



ID	Location	Land Use	Date	Group ID
B	On site	Gasholder	1951	44921
B	On site	Unspecified Tank	1951	42700
B	On site	Unspecified Tank	1962	43306
B	On site	Unspecified Tank	1951	42700
B	On site	Gasholder	1951	44921
A	On site	Unspecified Tank	1969	45999
A	3m W	Tanks	1967	41526
A	3m W	Tanks	1962	41526
A	3m W	Tanks	1974	41526
A	3m W	Tanks	1969	41526
B	5m NE	Tanks	1974	41151
B	5m NE	Unspecified Tank	1969	41534
A	6m W	Tanks	1969	45886
A	6m W	Tanks	1967	43640
A	6m W	Tanks	1962	43640
A	6m W	Tanks	1974	43701
B	10m NE	Tanks	1974	44870
B	11m NE	Tanks	1969	44870
A	13m NW	Tanks	1967	41518
A	13m NW	Tanks	1962	41518
A	13m NW	Tanks	1974	45891
A	13m NW	Tanks	1969	42664
A	20m NE	Tanks	1968	41599
A	20m NE	Tanks	1969	41599
A	27m W	Unspecified Tank	1967	43052
A	27m W	Unspecified Tank	1962	43052
A	28m N	Unspecified Tank	1962	40187
A	32m N	Unspecified Tank	1962	40188



ID	Location	Land Use	Date	Group ID
A	34m NW	Tanks	1967	40642
A	50m N	Unspecified Tank	1939	39987
I	99m SE	Unspecified Tank	1939	39969
K	119m W	Unspecified Tank	1951	41859
K	120m W	Unspecified Tank	1950	41859
L	129m N	Tanks	1991	43430
L	129m N	Tanks	1996	43430
M	130m E	Unspecified Tank	1996	45542
L	131m N	Unspecified Tank	1988	40192
M	131m E	Unspecified Tank	1968	44698
M	132m E	Unspecified Tank	1969	44698
M	132m E	Unspecified Tank	1988	44698
M	132m E	Unspecified Tank	1991	44698
A	140m NW	Unspecified Tank	1917	43042
A	140m NW	Unspecified Tank	1939	43042
A	140m W	Unspecified Tank	1951	42580
A	142m NW	Unspecified Tank	1951	43042
A	142m W	Unspecified Tank	1950	42580
A	142m NW	Unspecified Tank	1951	43042
A	143m W	Unspecified Tank	1939	39988
M	144m E	Unspecified Tank	1939	39971
A	146m NW	Unspecified Tank	1917	39984
M	147m E	Unspecified Tank	1917	39968
A	147m W	Unspecified Tank	1917	43633
M	150m E	Unspecified Tank	1950	41786
A	150m W	Unspecified Tank	1939	43633
M	150m E	Unspecified Tank	1951	41786
G	151m SE	Unspecified Tank	1967	43842



ID	Location	Land Use	Date	Group ID
G	152m SE	Unspecified Tank	1951	41904
G	152m SE	Tanks	1974	41266
G	152m SE	Unspecified Tank	1951	44232
G	152m SE	Unspecified Tank	1969	44046
A	155m NW	Unspecified Tank	1917	39985
A	165m NW	Unspecified Tank	1951	45466
A	166m NW	Unspecified Tank	1964	45466
A	166m NW	Unspecified Tank	1957	45466
A	166m NW	Unspecified Tank	1951	45466
A	166m NW	Unspecified Tank	1967	45466
A	167m NW	Unspecified Tank	1969	45466
A	167m NW	Unspecified Tank	1939	46393
A	167m NW	Unspecified Tank	1917	46393
G	167m SE	Unspecified Tank	1951	45199
G	167m SE	Unspecified Tank	1969	41625
G	169m SE	Unspecified Tank	1967	44725
G	170m SE	Unspecified Tank	1951	45439
A	171m NW	Unspecified Tank	1951	44233
A	171m NW	Unspecified Tank	1951	44233
I	176m SE	Tanks	1995	44007
I	176m SE	Tanks	1995	44007
A	177m NW	Unspecified Tank	1951	46249
I	177m SE	Tanks	1988	42524
I	177m SE	Tanks	1991	42524
A	178m NW	Unspecified Tank	1951	46249
G	178m SE	Unspecified Tank	1967	42293
G	178m SE	Unspecified Tank	1951	42087
G	178m SE	Unspecified Tank	1974	42293



ID	Location	Land Use	Date	Group ID
I	178m SE	Tanks	1974	42524
G	178m SE	Unspecified Tank	1951	43301
G	178m SE	Unspecified Tank	1969	42293
A	189m W	Unspecified Tank	1917	44195
A	190m W	Unspecified Tank	1951	45609
A	191m W	Unspecified Tank	1951	45609
A	192m W	Unspecified Tank	1939	44542
D	215m N	Unspecified Tank	1917	39983
A	220m NW	Tanks	1979	41158
A	220m NW	Tanks	1979	41157
D	223m N	Unspecified Tank	1950	44848
D	223m N	Unspecified Tank	1951	44848
D	223m N	Tanks	1962	41152
D	226m N	Unspecified Tank	1939	40194
D	230m N	Unspecified Tank	1950	45394
D	230m N	Unspecified Tank	1951	45394
D	231m N	Unspecified Tank	1951	41990
D	232m N	Unspecified Tank	1950	41917
A	232m NW	Unspecified Tank	1939	40184
D	233m N	Unspecified Tank	1939	39986
A	233m NW	Unspecified Tank	1979	40191
A	234m NW	Unspecified Tank	1939	43606
A	235m NW	Tanks	1951	42057
A	235m NW	Tanks	1951	42057
A	237m NW	Tanks	1979	41155
A	238m NW	Unspecified Tank	1951	44359
D	239m N	Unspecified Tank	1950	43888
A	239m NW	Unspecified Tank	1951	44359



ID	Location	Land Use	Date	Group ID
D	239m N	Unspecified Tank	1951	41546
A	240m NW	Tanks	1979	41156
G	242m SE	Unspecified Tank	1939	40519
A	242m NW	Unspecified Tank	1939	40193
A	249m NW	Unspecified Tank	1951	44598
A	250m NW	Unspecified Tank	1951	44598
A	250m NW	Unspecified Tank	1939	42026
A	250m NW	Unspecified Tank	1917	42026
A	255m NW	Unspecified Tank	1917	39982
G	262m SE	Tanks	1951	41265
A	270m NW	Unspecified Tank	1951	41684
A	270m NW	Unspecified Tank	1951	41684
A	275m W	Unspecified Tank	1917	40045
AB	285m SE	Unspecified Tank	1951	45285
AB	285m SE	Unspecified Tank	1951	45285
AG	321m NW	Unspecified Tank	1979	43356
AG	321m NW	Unspecified Tank	1991	43356
AH	323m NW	Tanks	1971	43079
AH	324m NW	Tanks	1979	43079
AC	328m SW	Tanks	1917	41083
AH	329m NW	Tanks	1979	41153
U	331m S	Unspecified Tank	1974	40381
S	335m N	Unspecified Tank	1951	41996
S	336m N	Unspecified Tank	1951	41996
AH	340m NW	Unspecified Tank	1979	40190
S	342m N	Tanks	1971	41978
S	343m N	Tanks	1979	41978
S	351m N	Tanks	1979	41154



ID	Location	Land Use	Date	Group ID
AH	355m NW	Unspecified Tank	1951	46365
AH	356m NW	Unspecified Tank	1951	46365
P	357m N	Unspecified Tank	1950	44399
P	357m N	Unspecified Tank	1951	44399
AH	361m W	Unspecified Tank	1951	42555
AH	362m W	Unspecified Tank	1951	42555
AN	374m S	Tanks	1988	43679
AN	374m S	Tanks	1988	43679
AN	375m S	Tanks	1974	43679
AO	379m SE	Unspecified Tank	1988	45003
AO	379m SE	Unspecified Tank	1988	45003
X	380m NW	Tanks	1951	41493
AO	380m SE	Unspecified Tank	1974	45003
X	381m NW	Tanks	1951	41493
AH	386m NW	Unspecified Tank	1951	41970
AH	387m NW	Unspecified Tank	1951	41970
AJ	388m S	Unspecified Tank	1988	45704
AJ	388m S	Unspecified Tank	1988	45704
AJ	388m S	Unspecified Tank	1991	45704
AJ	388m S	Unspecified Tank	1995	45704
AJ	388m S	Unspecified Tank	1995	45704
AJ	388m S	Unspecified Tank	1974	44228
AH	395m NW	Unspecified Tank	1951	44443
AD	396m NW	Unspecified Tank	1979	41799
AD	396m NW	Unspecified Tank	1991	41799
AH	396m NW	Unspecified Tank	1951	44443
AH	399m NW	Tanks	1939	41150
AD	405m NW	Unspecified Tank	1979	42747



ID	Location	Land Use	Date	Group ID
AD	405m NW	Unspecified Tank	1991	42747
X	409m NW	Unspecified Tank	1917	40043
AO	409m SE	Unspecified Tank	1995	43738
AO	409m SE	Unspecified Tank	1995	43738
X	412m NW	Unspecified Tank	1939	40185
N	424m SE	Unspecified Tank	1939	39970
X	424m NW	Unspecified Tank	1917	40044
N	426m SE	Unspecified Tank	1951	43112
N	427m SE	Unspecified Tank	1951	43112
N	441m SE	Unspecified Tank	1951	43371
N	442m SE	Unspecified Tank	1951	43371
AR	442m N	Unspecified Tank	1951	41824
AR	442m N	Unspecified Tank	1969	43518
AR	443m N	Unspecified Tank	1950	44126
AR	443m N	Unspecified Tank	1968	42702
AR	443m N	Unspecified Tank	1962	46170
AL	443m W	Tanks	1950	43355
X	446m NW	Unspecified Tank	1951	43124
AL	447m W	Tanks	1951	45441
X	447m NW	Unspecified Tank	1951	43124
AL	454m W	Tanks	1939	42296
H	454m W	Tanks	1962	41093
H	454m W	Tanks	1951	44907
H	455m W	Tanks	1962	44907
H	455m W	Tanks	1950	44907
H	462m W	Unspecified Tank	1939	40049
X	478m NW	Tanks	1951	45869
X	479m NW	Tanks	1951	45869



ID	Location	Land Use	Date	Group ID
N	481m SE	Unspecified Tank	1952	42633
N	481m SE	Unspecified Tank	1952	42633
N	481m SE	Unspecified Tank	1952	46479
N	481m SE	Unspecified Tank	1952	46479

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	34
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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 32 >](#)

ID	Location	Land Use	Date	Group ID
B	On site	Gasholder	1951	23514
B	On site	Gasholder	1951	23514
C	On site	Electricity Substation	1995	23426
C	On site	Electricity Substations	1988	21932
C	On site	Electricity Substations	1988	21932
C	On site	Electricity Substation	1991	21738
C	On site	Electricity Substation	1995	23426
A	125m NW	Electricity Substation	1979	21616
A	125m NW	Electricity Substation	1991	21616
O	142m NE	Electricity Substation	1996	21665
O	142m NE	Electricity Substation	1988	22197
O	142m NE	Electricity Substation	1991	22197
R	210m W	Electricity Substation	1991	20444
G	210m SE	Electricity Substation	1951	22961
G	211m SE	Electricity Substation	1951	22961
A	230m NW	Electricity Substation	1971	20439



ID	Location	Land Use	Date	Group ID
A	236m NW	Electricity Substation	1991	20455
A	253m NW	Electricity Substation	1979	20454
T	261m NE	Electricity Substation	1951	22989
T	261m NE	Electricity Substation	1950	22989
T	266m NE	Electricity Substation	1991	23433
T	281m NE	Electricity Substation	1996	20434
AA	281m SE	Electricity Transformer	1974	21247
AA	282m SE	Electricity Substation	1995	24388
AA	282m SE	Electricity Substation	1995	24388
AA	282m SE	Electricity Substation	1988	24388
AA	282m SE	Electricity Substation	1988	24388
AA	282m SE	Electricity Substation	1991	24388
S	363m N	Electricity Transformer	1971	21163
S	366m N	Electricity Substation	1979	22348
S	366m N	Electricity Substation	1991	22348
10	385m N	Electricity Substation	1996	20435
AQ	434m E	Electricity Substation	1991	25422
AQ	434m E	Electricity Substation	1993	25422

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

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

This data is sourced from Ordnance Survey / Groundsure.



2.5 Historical garages

Records within 500m

51

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 32 >](#)

ID	Location	Land Use	Date	Group ID
G	125m E	Wagon Repair Depot	1967	8342
G	125m E	Wagon Repair Depot	1974	8845
G	142m SE	Wagon Repair Depot	1967	8230
G	142m SE	Wagon Repair Depot	1974	8844
G	143m SE	Wagon Repair Depot	1969	7795
M	194m NE	Garage	1969	8468
M	196m NE	Garage	1962	8524
M	196m NE	Garage	1968	8524
G	202m SE	Wagon Repair Depot	1969	8642
W	251m E	Garage	1968	8183
W	252m E	Garage	1988	7780
W	256m E	Garage	1969	7596
Z	276m E	Garage	1988	8045
Z	276m E	Garage	1988	8045
W	277m E	Garage	1969	8750
Z	277m E	Garage	1967	8045
Z	277m E	Garage	1962	8045
Z	277m E	Garage	1974	8045
Z	278m E	Garage	1969	8045
T	279m NE	Garage	1950	7768
T	279m NE	Garage	1962	8135
T	280m NE	Garage	1968	8135
T	280m NE	Garage	1969	8135

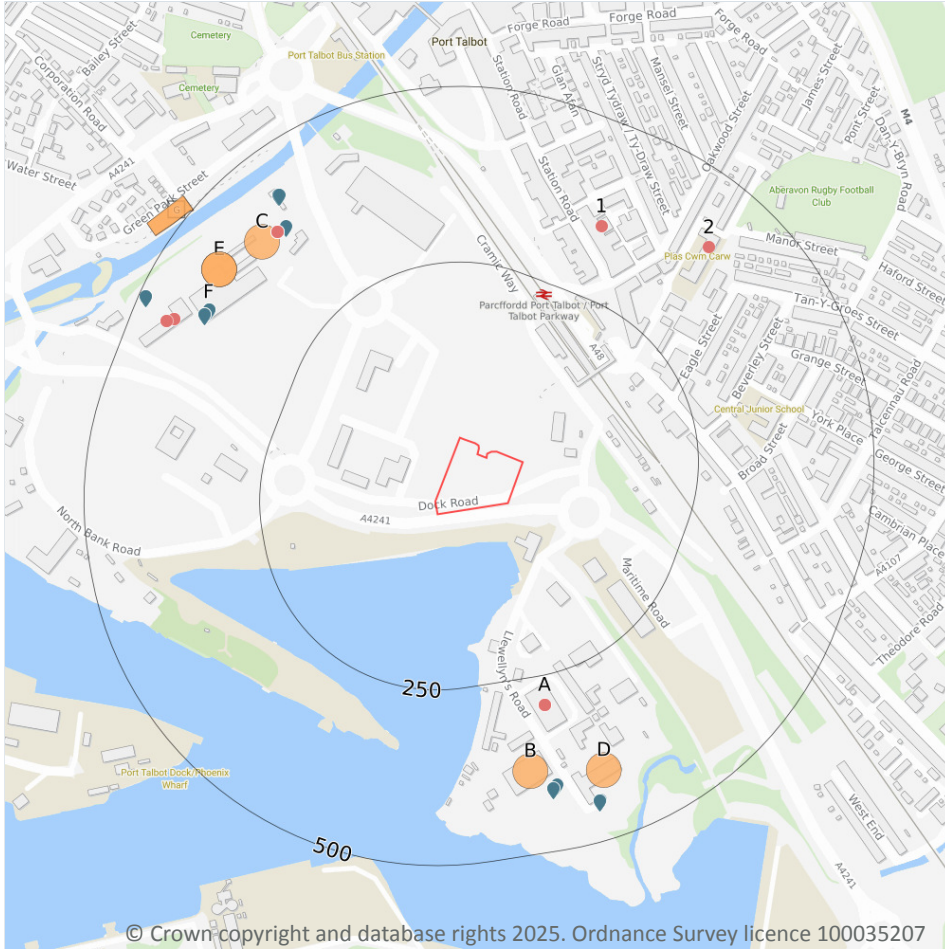


ID	Location	Land Use	Date	Group ID
W	286m E	Garage	1962	7889
W	287m E	Garage	1968	8153
T	287m NE	Garage	1988	8057
T	287m NE	Garage	1991	8057
W	293m E	Garage	1988	8150
T	308m NE	Garage	1996	8541
AF	320m N	Garage	1988	8855
AF	320m N	Garage	1991	8855
AF	321m N	Garage	1996	8855
AF	321m N	Garage	1968	8855
AF	321m N	Garage	1969	8855
AJ	347m S	Repair Depot	1974	7480
AI	354m E	Garage	1988	7489
AI	354m E	Garage	1988	7488
AI	355m E	Garage	1969	8589
AI	355m E	Garage	1967	8473
AI	355m E	Garage	1962	8473
AI	355m E	Garage	1951	8473
AI	355m E	Garage	1974	7483
AI	366m E	Garage	1967	8473
AI	366m E	Garage	1952	8473
AI	366m E	Garage	1949	8550
AI	369m E	Garage	1991	8550
AI	369m E	Garage	1993	8550
AU	482m NW	Garage	1991	7604
AU	483m NW	Garage	1979	8879
AU	484m NW	Garage	1951	7941
AU	485m NW	Garage	1957	7941

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

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

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

3.5 Historical waste sites

Records within 500m

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 52 >](#)

ID	Location	Address	Further Details	Date
B	357m S	Site Address: Kenworth Building, Llewellyns, Quay, PORT TALBOT, West Glamorgan	Type of Site: Waste Transfer Station Planning application reference: P/2004/1781 Description: Scheme comprises construction of licensed waste transfer station. An application (ref: P/2004/1781) for Outline Planning permission was submitted to Neath & Port Talbot B.C. on 24th January 2005. Data source: Historic Planning Application Data Type: Point	-
C	371m NW	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	-

ID	Location	Address	Further Details	Date
D	379m SE	Site Address: Harvey Recycling Works, Byass Works, PORT TALBOT, West Glamorgan, SA13 1RS	Type of Site: Waste Transfer Station (Conversion) Planning application reference: 01/553 Description: Scheme comprises demolition of building and construction of a single storey steel portal framed waste transfer building of 1,710 sqm with a re-inforced concrete floor and 2 roller shutter doors. Scheme includes the siting of a weighbridge and a two stoy portable office building of 72 sqm. Construction - roller shutter doors; reinforced concrete surfacing site works. An application (ref: 01/553) for Detailed Planning permission was granted by Neath & Port Talbot B.C. Cuddy Construction are scheduled to s tart on site December, 2002. Data source: Historic Planning Application Data Type: Point	02/12/2002
E	393m NW	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	-
E	393m NW	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	-
G	498m NW	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	1971
G	499m NW	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

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



3.6 Licensed waste sites

Records within 500m

45

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on [page 52 >](#)

ID	Location	Details		
C	387m NW	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
F	400m NW	Site Name: - Site Address: Byass Works, Byass Works, The Docks, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: AB3895CN EPR reference: - Operator: A W D Group Ltd Waste Management licence No: - Annual Tonnage: 24999	Issue Date: 26/01/2023 Effective Date: 26/01/2023 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
F	400m NW	Site Name: - Site Address: Byass Works, Byass Works, The Docks, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: 75kte HCl Waste TS + treatment Size: - Environmental Permitting Regulations (Waste) Licence Number: AB3895CN EPR reference: - Operator: A W D Group Ltd Waste Management licence No: - Annual Tonnage: 75000	Issue Date: 24/09/2021 Effective Date: 24/09/2021 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
F	400m NW	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: - Annual Tonnage: 75000	Issue Date: 18/09/2018 Effective Date: 18/09/2018 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
F	400m NW	Site Name: - Site Address: Byass Works, Byass Works, The Docks, Port Talbot, Neath Port Talbot, SA13 1RS Correspondence Address: -	Type of Site: SR CODES - PAS STANDARD RULES PERMITS Size: - Environmental Permitting Regulations (Waste) Licence Number: AB3895CN EPR reference: - Operator: A W D Group Ltd Waste Management licence No: - Annual Tonnage: 24999	Issue Date: 26/01/2023 Effective Date: 26/01/2023 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
F	400m NW	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
F	403m NW	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



ID	Location	Details		
F	403m NW	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: - 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
F	403m NW	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: - 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
F	403m NW	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



ID	Location	Details		
F	403m NW	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
F	403m NW	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
F	403m NW	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
F	403m NW	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		
F	403m NW	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
B	410m S	Site Name: Llewellyn's Quay Recycling Centre Site Address: Llewellyn's Road, Llewellyn's Quay, Port Talbot, Glamorgan, SA13 1RA Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment + asbestos Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: CON130 EPR reference: UP3296EX/A001 Operator: Construction Recyclate Management Ltd Waste Management licence No: 102486 Annual Tonnage: 0	Issue Date: 07/06/2011 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Issued
B	414m S	Site Name: - Site Address: Llewellyn's Quay Recycling Centre, Port Talbot, Glamorgan, SA13 1RA Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment + asbestos Size: - Environmental Permitting Regulations (Waste) Licence Number: UP3296EX EPR reference: - Operator: Construction Recyclate Management Ltd Waste Management licence No: - Annual Tonnage: 74999	Issue Date: 07/06/2011 Effective Date: 07/06/2011 Modified: - Surrendered Date: - Expiry Date: 27/04/2021 Cancelled Date: - Status: Expired
B	414m S	Site Name: - Site Address: Llewellyn's Quay Recycling Centre, Port Talbot, Glamorgan, SA13 1RA Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment + asbestos Size: - Environmental Permitting Regulations (Waste) Licence Number: UP3296EX EPR reference: - Operator: Construction Recyclate Management Ltd Waste Management licence No: - Annual Tonnage: 74999	Issue Date: 07/06/2011 Effective Date: 07/06/2011 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
B	414m S	Site Name: - Site Address: Llewellyn's Quay Recycling Centre, Port Talbot, Glamorgan, SA13 1RA Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment + asbestos Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: UP3296EX EPR reference: - Operator: - Waste Management licence No: 102486 Annual Tonnage: 74999	Issue Date: 07/06/2011 Effective Date: 07/06/2011 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	414m S	Site Name: Llewellyn's Quay Recycling Centre Site Address: Llewellyn's Road, Llewellyn's Quay, Port Talbot, Glamorgan, SA13 1RA Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment + asbestos Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CON130 EPR reference: EA/EPR/UP3296EX/A001 Operator: Construction Recyclate Management Ltd Waste Management licence No: 102486 Annual Tonnage: 74999	Issue Date: 07/06/2011 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	414m S	Site Name: - Site Address: Llewellyn's Quay Recycling Centre, Port Talbot, Neath Port Talbot, SA13 1RA Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: UP3296EX EPR reference: - Operator: Construction Recyclate Management Ltd Waste Management licence No: 0 Annual Tonnage: 74999	Issue Date: 07/06/2011 Effective Date: 07/06/2011 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	414m S	Site Name: - Site Address: Llewellyn's Quay Recycling Centre, Glamorgan, Port Talbot, Neath Port Talbot, SA13 1RA Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: UP3296EX EPR reference: - Operator: Construction Recyclate Management Ltd Waste Management licence No: 102486 Annual Tonnage: 74999	Issue Date: 07/06/2011 Effective Date: 07/06/2011 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
C	429m NW	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: - Annual Tonnage: 75000	Issue Date: 01/09/2016 Effective Date: 01/09/2016 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
C	429m NW	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: - 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
C	429m NW	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
C	429m NW	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



ID	Location	Details		
C	429m NW	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
C	429m NW	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
C	429m NW	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
C	429m NW	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		
D	445m S	Site Name: Asbestos Store Site Address: Kenworth Building, Llewellyn's Quay, Port Talbot, N P T, SA13 1RF Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: AVA001 EPR reference: JP3598FX/A001 Operator: Avalon Insulation Services Waste Management licence No: 34281 Annual Tonnage: 3650	Issue Date: 25/07/2006 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Issued
D	446m S	Site Name: - Site Address: Asbestos Store, Port Talbot, N P T, SA13 1RF Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: JP3598FX EPR reference: - Operator: - Waste Management licence No: 34281 Annual Tonnage: 3650	Issue Date: 25/07/2006 Effective Date: 25/07/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
D	446m S	Site Name: - Site Address: Asbestos Store, Port Talbot, N P T, SA13 1RF Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: JP3598FX EPR reference: - Operator: Avalon Insulation Services Waste Management licence No: - Annual Tonnage: 3650	Issue Date: 25/07/2006 Effective Date: 25/07/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
D	446m S	Site Name: - Site Address: Asbestos Store, Port Talbot, N P T, SA13 1RF Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: - Environmental Permitting Regulations (Waste) Licence Number: JP3598FX EPR reference: - Operator: Avalon Insulation Services Waste Management licence No: - Annual Tonnage: 3650	Issue Date: 25/07/2006 Effective Date: 25/07/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
D	446m S	Site Name: - Site Address: Asbestos Store, Port Talbot, N P T, SA13 1RF Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: - Environmental Permitting Regulations (Waste) Licence Number: JP3598FX EPR reference: - Operator: Avalon Insulation Services Waste Management licence No: - Annual Tonnage: 3650	Issue Date: 25/07/2006 Effective Date: 25/07/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
D	446m S	Site Name: - Site Address: Asbestos Store, Port Talbot, Neath Port Talbot, SA13 1RF Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: JP3598FX EPR reference: - Operator: Avalon Insulation Services Waste Management licence No: 0 Annual Tonnage: 3650	Issue Date: 25/07/2006 Effective Date: 25/07/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
D	446m S	Site Name: - Site Address: Asbestos Store, N P T, Port Talbot, Neath Port Talbot, SA13 1RF Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: JP3598FX EPR reference: - Operator: Avalon Insulation Services Waste Management licence No: 34281 Annual Tonnage: 3650	Issue Date: 25/07/2006 Effective Date: 25/07/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
F	489m NW	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



ID	Location	Details		
F	489m NW	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
F	489m NW	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
F	489m NW	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

ID	Location	Details		
F	489m NW	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
F	489m NW	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
F	489m NW	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



ID	Location	Details		
F	489m NW	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

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

3.7 Waste exemptions

Records within 500m	23
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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 52 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	292m S	Llewellyns Quay, Llewellyns Quay, Port Talbot, Sa13 1rf	WEX142723	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	292m S	Building 2, Byass Works, Port Talbot, Sa13 1ra	NRW-WME001015	Treating waste exemption	Waste exemption - non-agricultural	Mechanical treatment of end-of-life tyres
A	292m S	Building 2, Byass Works, Port Talbot, Sa13 1ra	NRW-WME001015	Storing waste exemption	Waste exemption - non-agricultural	Storage of waste in a secure place
A	292m S	Balfour Beatty Utility Solutions, Unit 3, Llewellyns Quay, Port Talbot, Castell-Nedd Port Talbot, Sa13 1rf	NRW-WME067274	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	292m S	Generator Power, Unit 3, Llewellyns Quay, Port Talbot, Castell-Nedd Port Talbot, Sa131rf	NRW-WME036391	Storing waste exemption	Not on a farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
A	292m S	Building 2, Byass Works, Port Talbot, Sa13 1ra	NRW-WME001015	Disposing of waste exemption	Waste exemption - non-agricultural	Depositing samples of waste for the purposes of testing or analysing them
1	353m NE	Morganstone Ltd, Former Port Talbot Police Station, Station Road, Port Talbot, Port Talbot, Sa131jb	NRW-WME030934	Using waste exemption	Not on a farm	Use of waste in construction
C	392m NW	The Old Byass Works, Longs Industrial Est, The Docks, Port Talbot, Sa13 1rs	WEX116522	Treating waste exemption	Not on a farm	Sorting mixed waste
C	392m NW	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
C	392m NW	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
C	392m NW	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
C	392m NW	Awd Group Ltd, Former Byass Works, Docks Way, Sa131rs	NRW-WME028231	Storing waste exemption	Not on a farm	Storage of waste in secure containers
C	392m NW	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
C	392m NW	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
C	392m NW	Awd Group Ltd, Former Byass Works, Docks Way, Sa131rs	NRW-WME028231	Treating waste exemption	Not on a farm	Manual treatment of waste
C	392m NW	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

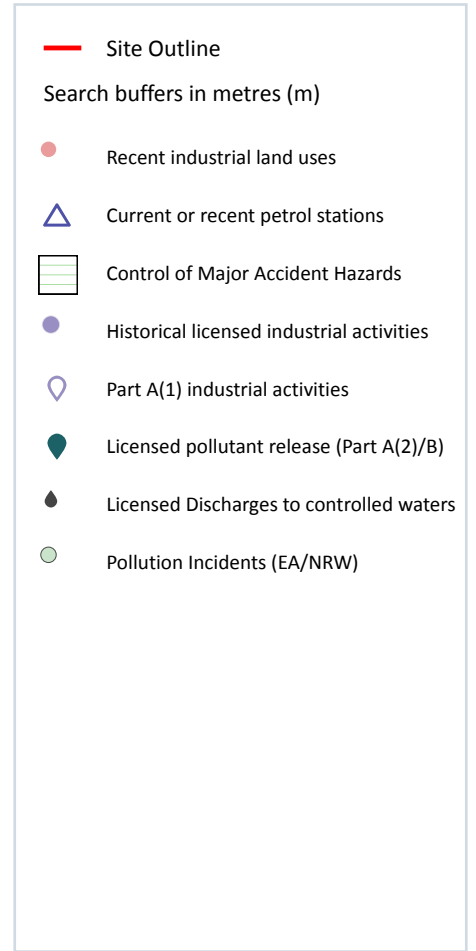
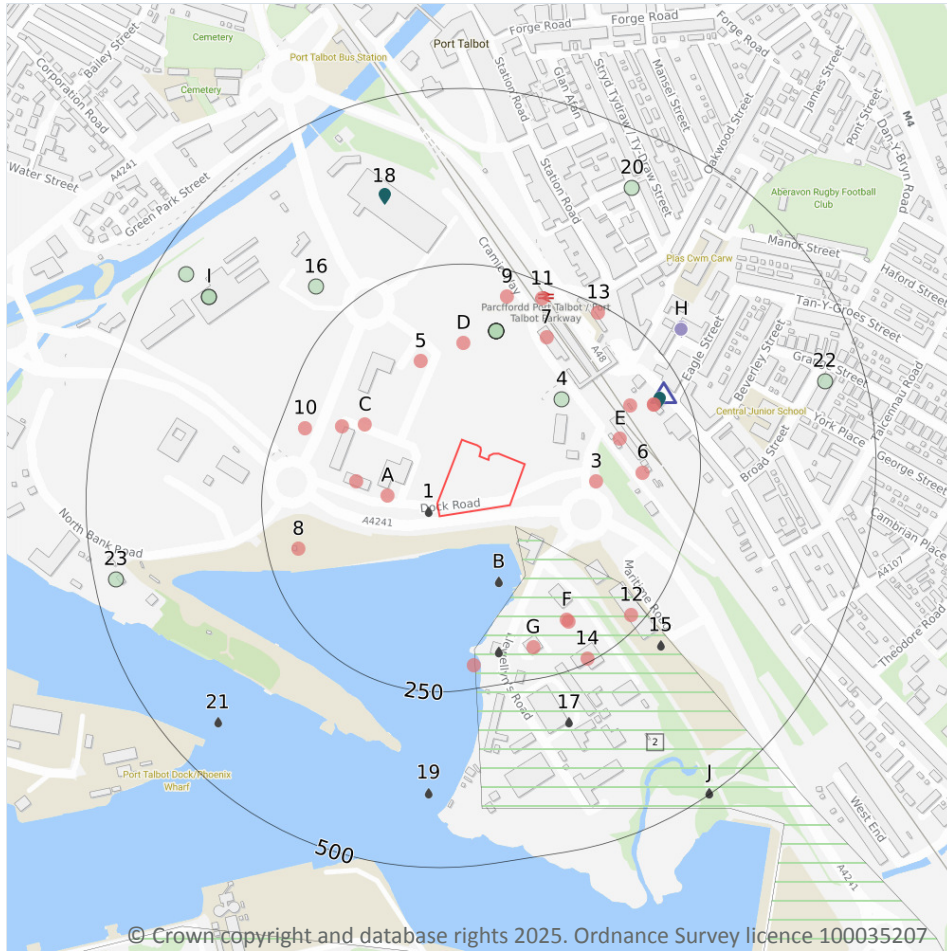


ID	Location	Site	Reference	Category	Sub-Category	Description
C	392m NW	Awd Group Ltd, Former Byass Works, Docks Road, Port Talbot, Castell-Nedd Port Talbot, Sa131rs	NRW-WME028232	Treating waste exemption	Not on a farm	Recovery of scrap metal
2	404m NE	Oakwood Lane, Port Talbot, Sa13 1df	WEX165558	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
F	440m NW	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
F	440m NW	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
F	440m NW	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
F	449m NW	Awd Group Ltd, A W D Group Ltd, Byass Works, Dock Road, The Docks, Port Talbot, Castell-Nedd Port Talbot, Sa13 1rs	NRW-WME065361	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
F	449m NW	Awd Group Ltd, A W D Group Ltd, Byass Works, Dock Road, The Docks, Port Talbot, Castell-Nedd Port Talbot, Sa13 1rs	NRW-WME065361	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)

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



4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m

24

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 70 >](#)

ID	Location	Company	Address	Activity	Category
A	72m W	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
3	105m E	Pumping Station	West Glamorgan, SA13	Water Pumping Stations	Industrial Features
A	119m W	Warm Wales	Warm Wales Llewellyn House, Harbourside Road, Port Talbot, West Glamorgan, SA13 1SB	Electronic Equipment	Industrial Products

ID	Location	Company	Address	Activity	Category
5	126m NW	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
C	136m NW	Business Park	West Glamorgan, SA13	Business Parks and Industrial Estates	Industrial Features
D	138m N	Tanks	West Glamorgan, SA13	Tanks (Generic)	Industrial Features
E	141m E	Tank	West Glamorgan, SA13	Tanks (Generic)	Industrial Features
C	166m W	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
6	168m E	Mast (Telecommunication)	West Glamorgan, SA13	Telecommunications Features	Infrastructure and Facilities
E	171m NE	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
7	179m NE	M P G Tyres & Exhausts Ltd	Cramic Way, Port Talbot, West Glamorgan, SA13 1RU	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	182m SE	Tank	West Glamorgan, SA13	Tanks (Generic)	Industrial Features
F	185m SE	Tank	West Glamorgan, SA13	Tanks (Generic)	Industrial Features
E	203m NE	Port Talbot Service Station	Port Talbot Service Station, Talbot Road, Port Talbot, West Glamorgan, SA13 1HN	Petrol and Fuel Stations	Road and Rail
E	203m NE	Port Talbot Service Station	Port Talbot Service Station, Talbot Road, Port Talbot, West Glamorgan, SA13 1HN	Vehicle Cleaning Services	Personal, Consumer and Other Services
G	205m S	Loxam Access Ltd	Llewellyns Quay, Llewellyns Road, Port Talbot, West Glamorgan, SA13 1RF	Construction and Tool Hire	Hire Services
8	206m W	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
9	214m N	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
10	214m W	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
G	217m S	Slipway	West Glamorgan, SA13	Moorings and Unloading Facilities	Water
11	228m N	Port Talbot Parkway Rail Station	West Glamorgan, SA13	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure



ID	Location	Company	Address	Activity	Category
12	233m SE	Rhino Engineering Group Ltd	Maritime Road, Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF	General Construction Supplies	Industrial Products
13	240m NE	Bus Station	West Glamorgan, SA13	Bus and Coach Stations, Depots and Companies	Public Transport, Stations and Infrastructure
14	244m SE	J M Fabweld Ltd	Llewellyns Quay, Llewellyns Road, Port Talbot, West Glamorgan, SA13 1RF	Mechanical Engineers	Engineering Services

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	1
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 70 >](#)

ID	Location	Company	Address	LPG	Status
E	222m NE	LOW PRICES ALWAYS	Talbot Road, Port Talbot, Neath Port Talbot, SA13 1HN	No	Open

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
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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 70 >](#)

ID	Location	Company	Address	Operational status	Tier
2	31m SE	British Steel Strip Products	British Steel Strip Products, Port Talot Works, Port Talbot, SA13 2NG	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

0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

4

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

Features are displayed on the Current industrial land use map on [page 70 >](#)

ID	Location	Details	
H	294m NE	Operator: Cambrian Stone Ltd Address: Port Talbot Steelworks, P O Box 12, Port Talbot, West Glamorgan, SA12 6RL Process: Iron And Steel Permit Number: AQ9936	Original Permit Number: IPCAIRAPP Date Approved: 24-7-1995 Effective Date: 30-7-1995 Status: Superseded By Variation
H	294m NE	Operator: Cambrian Stone Ltd Address: Port Talbot Steelworks, P O Box 12, Port Talbot, West Glamorgan, SA12 6RL Process: Iron And Steel Permit Number: AW8084	Original Permit Number: IPCMAJVAR Date Approved: 22-1-1997 Effective Date: 1-2-1997 Status: Superseded By Variation
H	294m NE	Operator: Cambrian Stone Ltd Address: Port Talbot Steelworks, P O Box 12, Port Talbot, West Glamorgan, SA12 6RL Process: Iron And Steel Permit Number: BA1346	Original Permit Number: IPCMINVAR Date Approved: 27-2-1998 Effective Date: 3-3-1998 Status: Superseded By Variation
H	294m NE	Operator: Cambrian Stone Ltd Address: Port Talbot Steelworks, P O Box 12, Port Talbot, West Glamorgan, SA12 6RL Process: Iron And Steel Permit Number: BE2069	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

3

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

Features are displayed on the Current industrial land use map on [page 70 >](#)



ID	Location	Details	
H	294m NE	Operator: CAMBRIAN STONE LTD Installation Name: - Process: OTHER MINERAL ACTIVITIES; ANY PROCESSING WITH RELEASE OF PARTICULATES INTO AIR (UNLESS A(1) OR A(2)), (EXCEPT STONE ECUTTING) Permit Number: BX0873 Original Permit Number: BL5636	EPR Reference: - Issue Date: 05/12/2003 Effective Date: 07/12/2003 Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
H	294m NE	Operator: CAMBRIAN STONE LIMITED Installation Name: PORT TALBOT STEEL WORKS Process: OTHER MINERAL ACTIVITIES; ANY PROCESSING WITH RELEASE OF PARTICULATES INTO AIR (UNLESS A(1) OR A(2)), (EXCEPT STONE ECUTTING) Permit Number: BL5636IF Original Permit Number: BL5636IF	EPR Reference: - Issue Date: 24/12/2002 Effective Date: 24/12/2002 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
H	294m NE	Operator: CAMBRIAN STONE LTD Installation Name: - Process: OTHER MINERAL ACTIVITIES; ANY PROCESSING WITH RELEASE OF PARTICULATES INTO AIR (UNLESS A(1) OR A(2)), (EXCEPT STONE ECUTTING) Permit Number: BL5636 Original Permit Number: BL5636	EPR Reference: - Issue Date: - Effective Date: 24/12/2002 Last date noted as effective: 03/10/2005 Status: SUPERSEDED BY VARIATION

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

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

Records within 500m	2
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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 70 >](#)

ID	Location	Address	Details	
E	212m NE	Petrogas Group UK Ltd (Applegreen UK), SPAR Texaco (Formerly Blakemore Retail Ltd) Talbot Road Service Station, Talbot Road, Port Talbot, SA13 1HN	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No enforcements issued Date of enforcement: No enforcements issued Comment: No enforcements issued
18	364m N	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 70 >](#)

ID	Location	Address	Details	
1	15m SW	PORTTALBOTDOCKS	Effluent Type: UNSPECIFIED Permit Number: BP0055729 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
B	105m S	PORTTALBOTDOCKS	Effluent Type: UNSPECIFIED Permit Number: BP0055706 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
B	105m S	PORTTALBOTDOCKS	Effluent Type: UNSPECIFIED Permit Number: BP0055721 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: 05/10/1992
G	204m S	PORTTALBOTDOCKS	Effluent Type: UNSPECIFIED Permit Number: BP0055723 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: 29/09/1992
G	204m S	PORTTALBOTDOCKS	Effluent Type: UNSPECIFIED Permit Number: BP0055722 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: 10/09/1992



ID	Location	Address	Details	
G	204m S	PORTTALBOTDOCKS	Effluent Type: UNSPECIFIED Permit Number: BP0055707 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
15	292m SE	LLEWELLYNQUAYPTALBOT	Effluent Type: UNSPECIFIED Permit Number: BP0028901 Permit Version: 1 Receiving Water: SOAKAWAY	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 02/10/1986 Effective Date: 02/10/1986 Revocation Date: 21/04/1994
17	320m S	PORTTALBOTTALBOTWHARFCHEMICALW,PORTTALBOTTALBOTWHARFCHEMICAL,TALBOTWHARFCHEMICALWORKSWGL,WGLAM	Effluent Type: UNSPECIFIED Permit Number: BP0096301 Permit Version: 1 Receiving Water: TO LAND	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 17/08/1988 Effective Date: 17/08/1988 Revocation Date: 27/06/1994
19	394m S	PORTTALBOTDOCKS	Effluent Type: UNSPECIFIED Permit Number: BP0055701 Permit Version: 1 Receiving Water: PORT TALBOT DOCKS	Status: REVOKED - UNSPECIFIED Issue date: 01/01/1901 Effective Date: 01/01/1901 Revocation Date: 17/09/1987
21	431m SW	PORTTALBOTDOCKS	Effluent Type: UNSPECIFIED Permit Number: BP0055727 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
J	498m SE	TARMACTOPMIXSITE	Effluent Type: UNSPECIFIED Permit Number: BP0055730 Permit Version: 1 Receiving Water: RIVER FFRWDWYLLT (TIDAL)	Status: REVOKED - UNSPECIFIED Issue date: 18/09/1987 Effective Date: 18/09/1987 Revocation Date: 20/01/1993
J	498m SE	TARMACTOPMIXSITE	Effluent Type: UNSPECIFIED Permit Number: BP0055730 Permit Version: 2 Receiving Water: RIVER FFRWDWYLLT (TIDAL)	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV) Issue date: 21/10/1992 Effective Date: 21/01/1993 Revocation Date: 14/07/2008

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

14

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 70 >](#)

ID	Location	Details	
4	106m NE	Incident Date: 21/09/2003 Incident Identification: 191406 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)
D	162m N	Incident Date: 12/10/2003 Incident Identification: 195725 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
D	162m N	Incident Date: 12/10/2003 Incident Identification: 195725 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
D	162m N	Incident Date: 12/10/2003 Incident Identification: 195725 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
D	162m N	Incident Date: 12/10/2003 Incident Identification: 195725 Pollutant: Atmospheric Pollutants and Effects:Oils and Fuel:Specific Waste Materials Pollutant Description: Smoke:Gas and Fuel Oils:Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
D	162m N	Incident Date: 10/12/2003 Incident Identification: 195725 Pollutant: Oils and Fuel Specific Waste Materials Pollutant Description: Smoke Gas and Fuel Oils Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
D	162m N	Incident Date: 10/12/2003 Incident Identification: 195725 Pollutant: Atmospheric Pollutants and Effects : Oils and Fuel : Specific Waste Materials Pollutant Description: Smoke :Gas and Fuel Oils :Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
16	301m NW	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)
I	413m NW	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)



ID	Location	Details	
I	413m NW	Incident Date: 22/11/2016 Incident Identification: 1607007 Pollutant: - Pollutant Description: -	Water Impact: No Details Land Impact: No Details Air Impact: Category 3 (Minor)
20	422m NE	Incident Date: 01/04/2002 Incident Identification: 68016 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
22	443m E	Incident Date: 27/03/2002 Incident Identification: 66944 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)
I	457m NW	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)
23	470m W	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

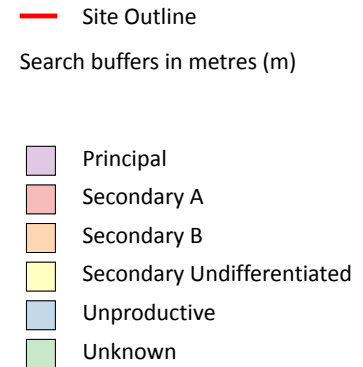
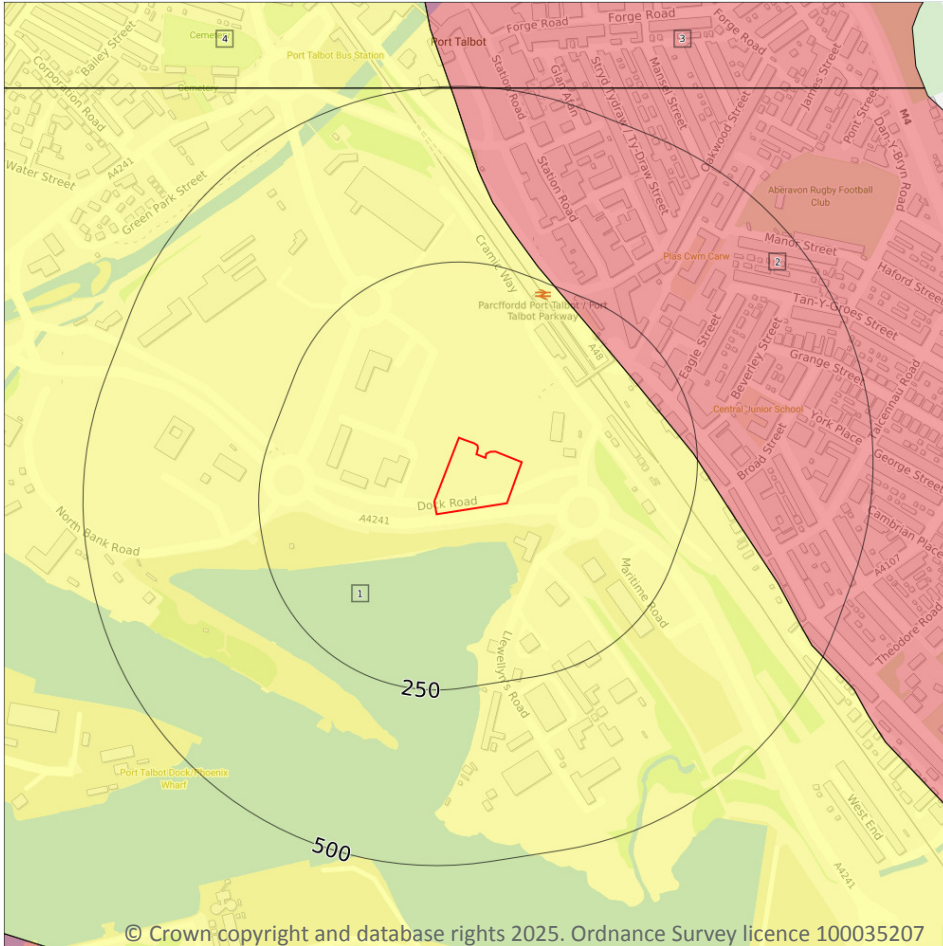
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The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for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

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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

4

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 82](#) >

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	197m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

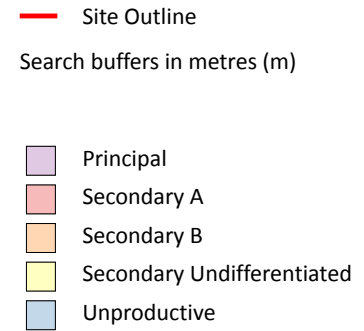
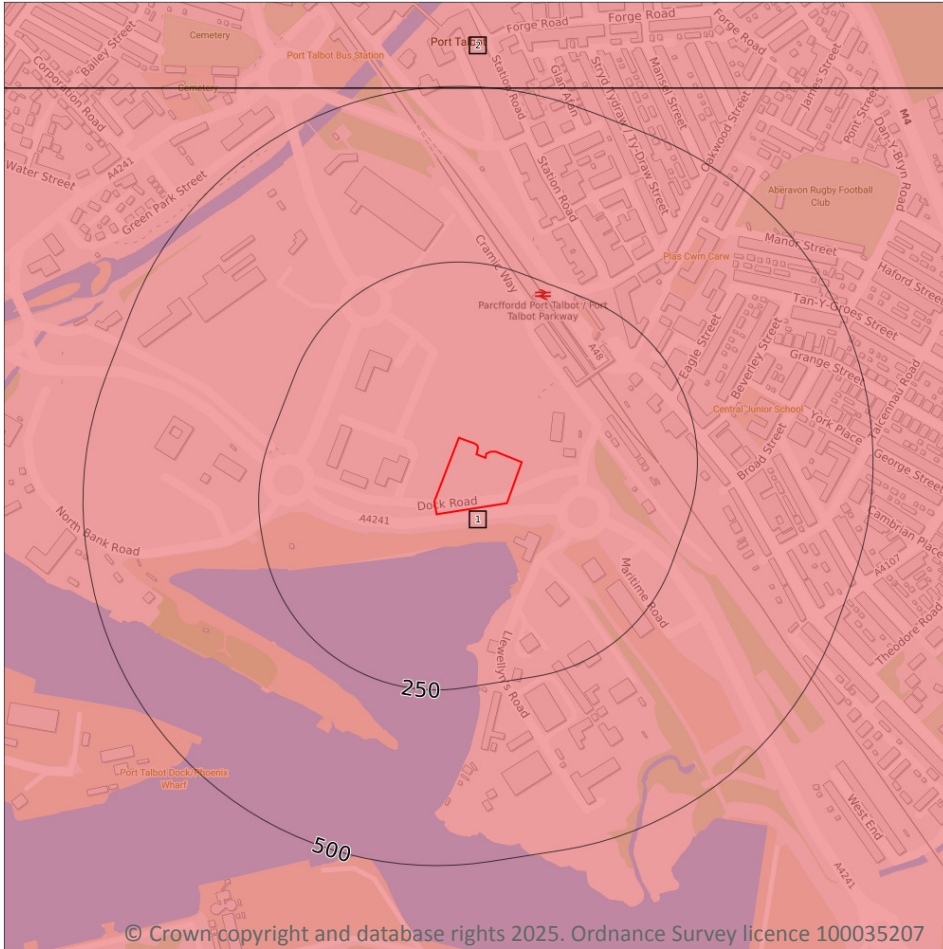


ID	Location	Designation	Description
3	498m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	498m N	Secondary 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

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

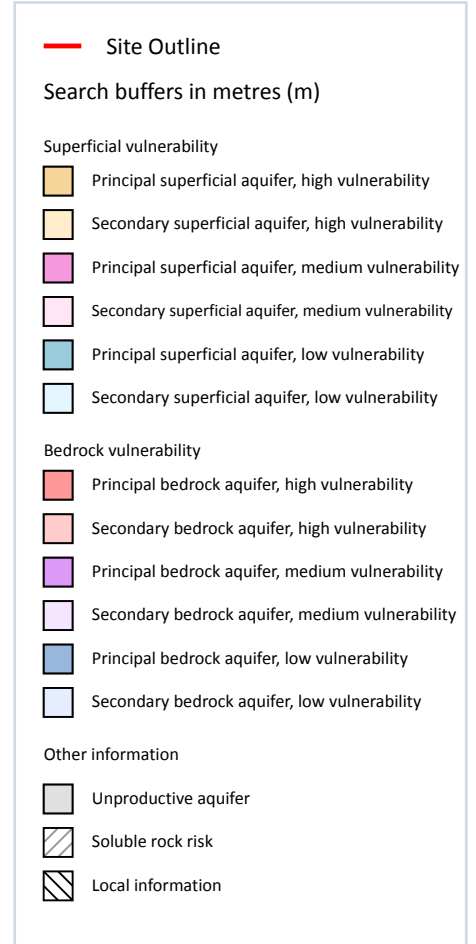
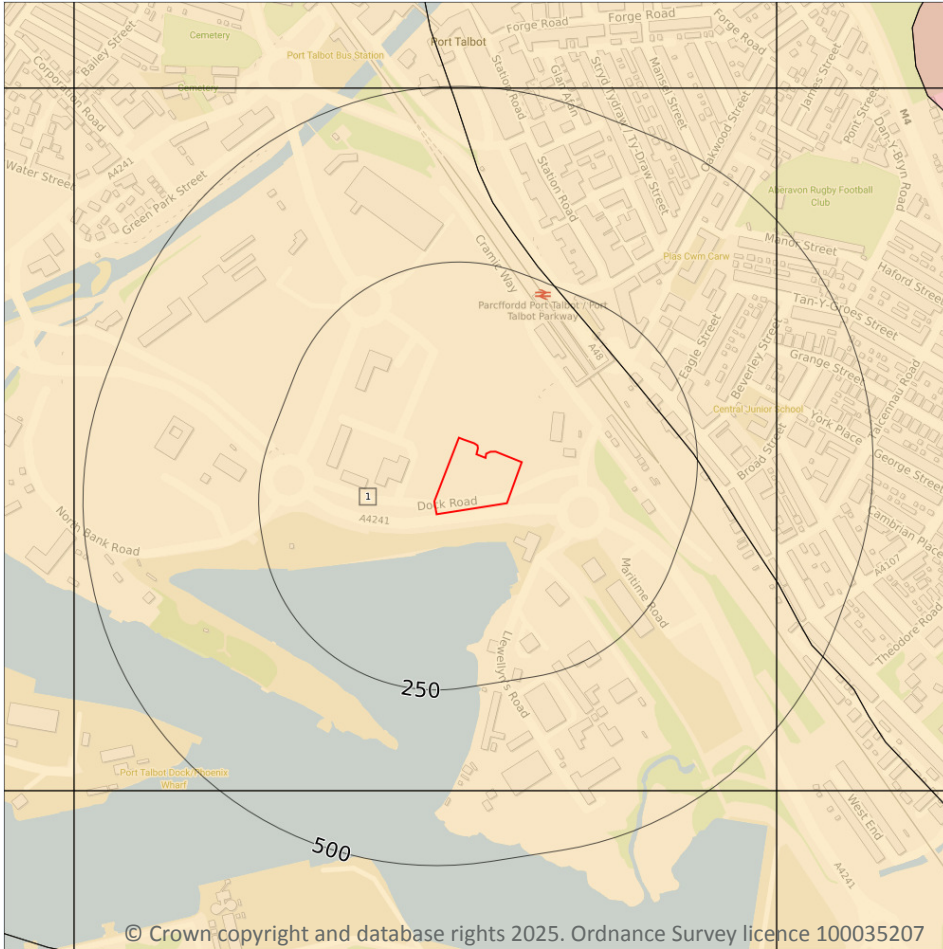
Features are displayed on the Bedrock aquifer map on [page 84](#) >

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	498m 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



5.3 Groundwater vulnerability

Records within 50m

1

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

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

Features are displayed on the Groundwater vulnerability map on [page 86 >](#)



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: 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

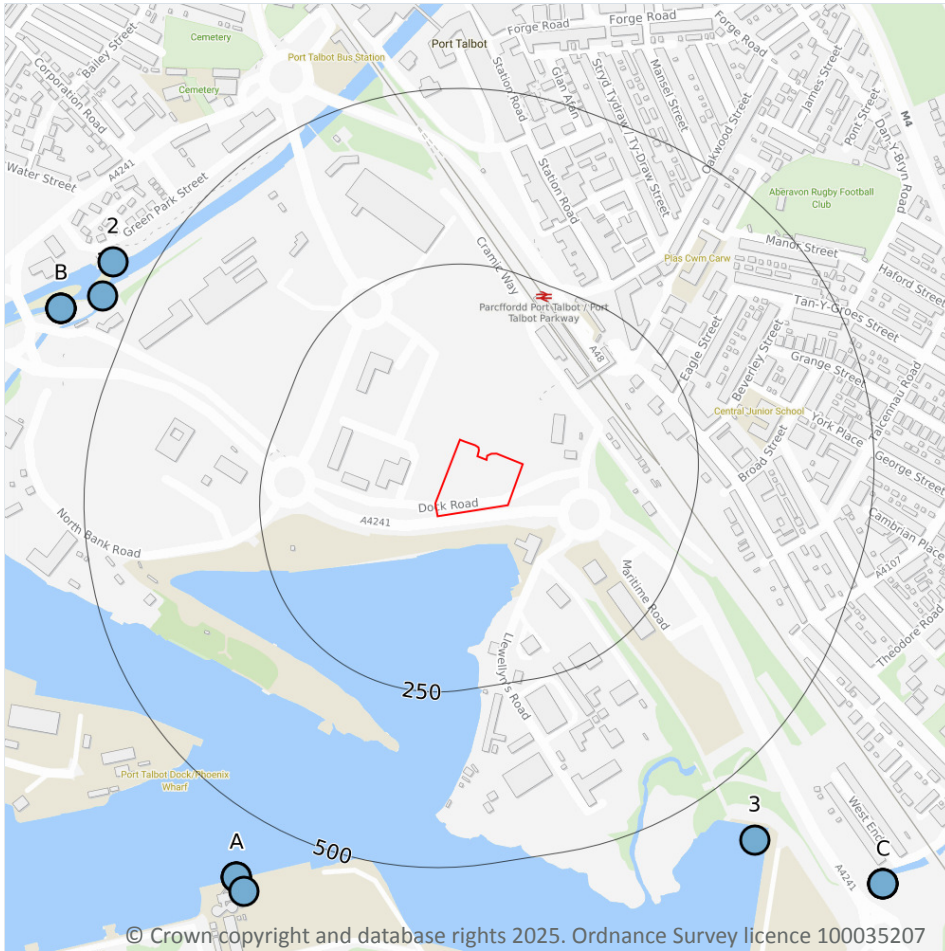
0

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



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
26

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 88](#) >

ID	Location	Details	
1	548m NW	Status: Historical Licence No: WA/058/0061/0060 Details: Transfer between Sources (Post Water Act 2003) - Very Low Direct Source: Green Park Weir Point: - Data Type: Point Name: - Easting: 276039 Northing: 189707	Annual Volume (m ³): 0 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 30/09/2022 Expiry Date: 31/03/2029 Issue No: - Version Start Date: - Version End Date: -
2	555m NW	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: 29/05/2012 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
A	588m SW	Status: Historical 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): 8000 Max Daily Volume (m ³): 397.44 Original Application No: - Original Start Date: 01/05/2014 Expiry Date: 31/03/2029 Issue No: - Version Start Date: - Version End Date: -
A	588m SW	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: -



ID	Location	Details	
A	588m SW	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: -
A	588m SW	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): 8000 Max Daily Volume (m ³): 49.68 Original Application No: - Original Start Date: 01/05/2014 Expiry Date: 31/03/2029 Issue No: - Version Start Date: - Version End Date: -
3	592m 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: -
B	597m NW	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): 14933610 Max Daily Volume (m ³): 40914 Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
B	597m NW	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): 14933610 Max Daily Volume (m ³): 40914 Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -



ID	Location	Details	
B	597m NW	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): 14933610 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: -
B	597m NW	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): 14933610 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: -
B	597m NW	Status: Historical 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): 14933610 Max Daily Volume (m ³): 40912.8 Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
B	597m NW	Status: Historical 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): 14933610 Max Daily Volume (m ³): 40912.8 Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
A	601m SW	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	
C	759m SE	Status: Historical 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): 2273000 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
C	759m SE	Status: Historical 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): 2273000 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
C	759m 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): 2273000 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: -
C	759m 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): 2273000 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: -
C	759m SE	Status: Historical 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): 2273000 Max Daily Volume (m ³): 9819.36 Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -



ID	Location	Details	
C	759m SE	Status: Historical 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): 2273000 Max Daily Volume (m ³): 9819.4 Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	864m S	Status: Historical 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): 206615700 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	864m S	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): 206615700 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: -
-	864m S	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): 206615700 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: -
-	864m S	Status: Historical 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): 206615700 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -



ID	Location	Details	
-	864m S	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): 206615700 Max Daily Volume (m ³): 590980 Original Application No: - Original Start Date: 12/11/2010 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	864m S	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): 206615700 Max Daily Volume (m ³): 590980 Original Application No: - Original Start Date: 12/11/2010 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

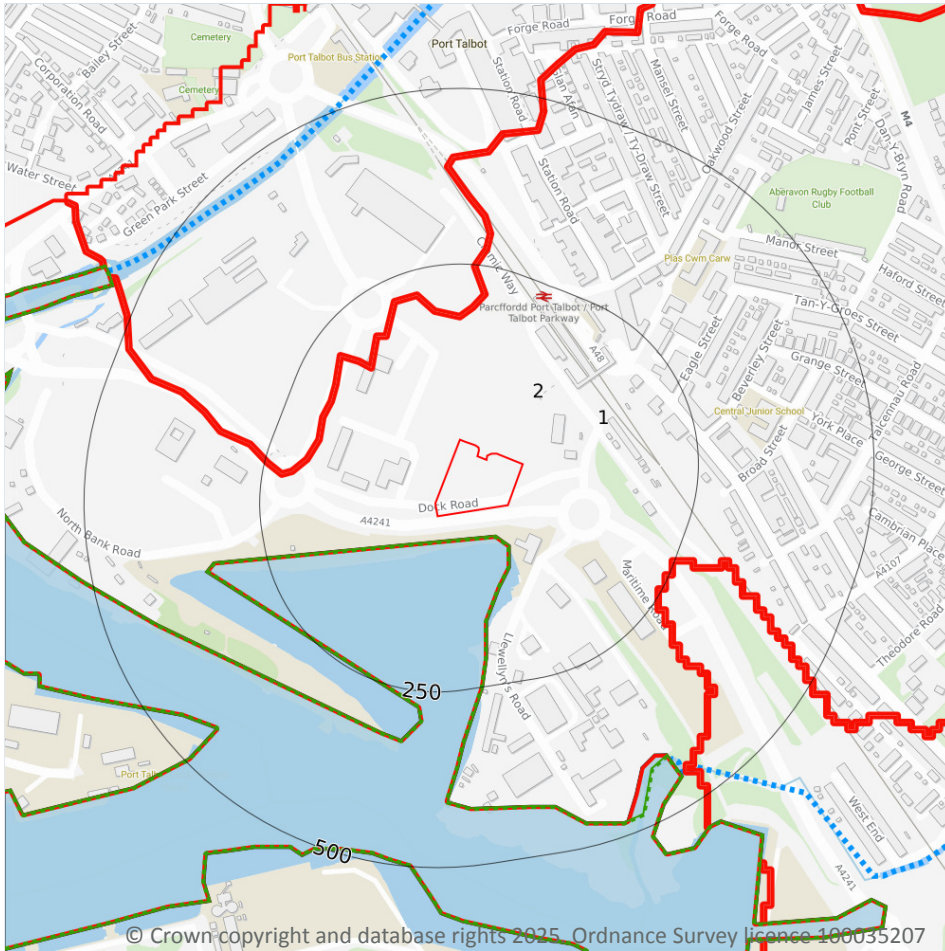
0

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

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

1

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



Features are displayed on the Hydrology map on [page 95](#) >

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on [page 95](#) >

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	Coastal catchment	Not part of a river WB catchment	202	Afan	Tawe to Cadoxton

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

6.4 WFD Surface water bodies

Records identified

1

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

Features are displayed on the Hydrology map on [page 95](#) >

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
A	34m SW	Transitional	AFAN ESTUARY INCL DOCKS	GB541005800600	Moderate	Good	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site

1

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

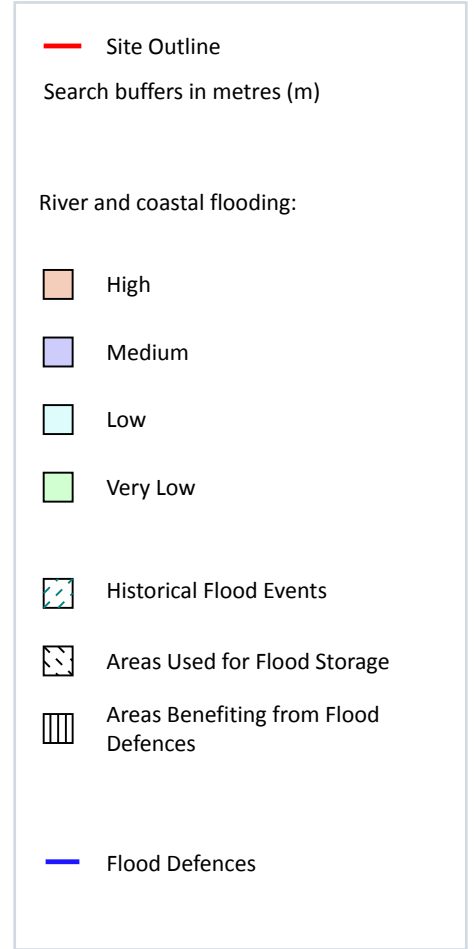
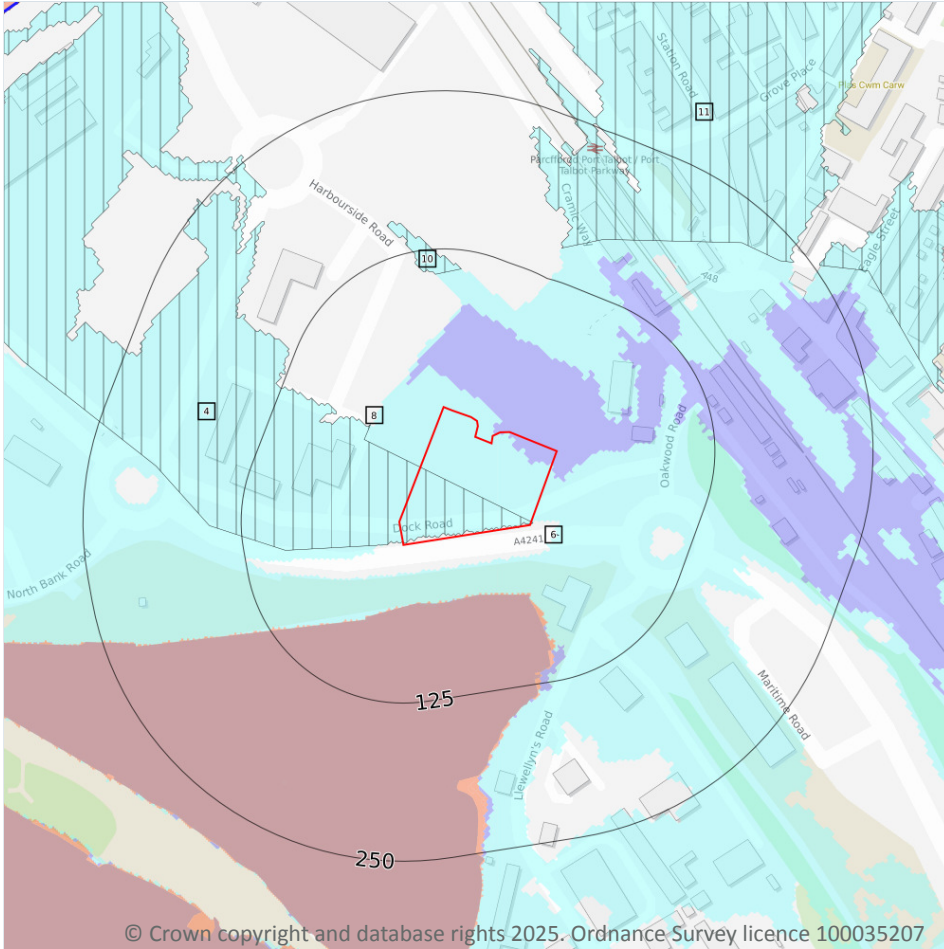
Features are displayed on the Hydrology map on [page 95](#) >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Swansea Carboniferous Coal Measures	GB41002G201000	Poor	Poor	Good	2017

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



7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

130

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

Features are displayed on the River and coastal flooding map on [page 98 >](#)

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

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

7.2 Historical Flood Events

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

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

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

7.3 Flood Defences

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

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m	5
----------------------------	----------

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 98](#) >

ID	Location	
4	On site	Area benefiting from flood defences
6	18m SE	Area benefiting from flood defences
8	49m NW	Area benefiting from flood defences
10	105m N	Area benefiting from flood defences
11	151m N	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

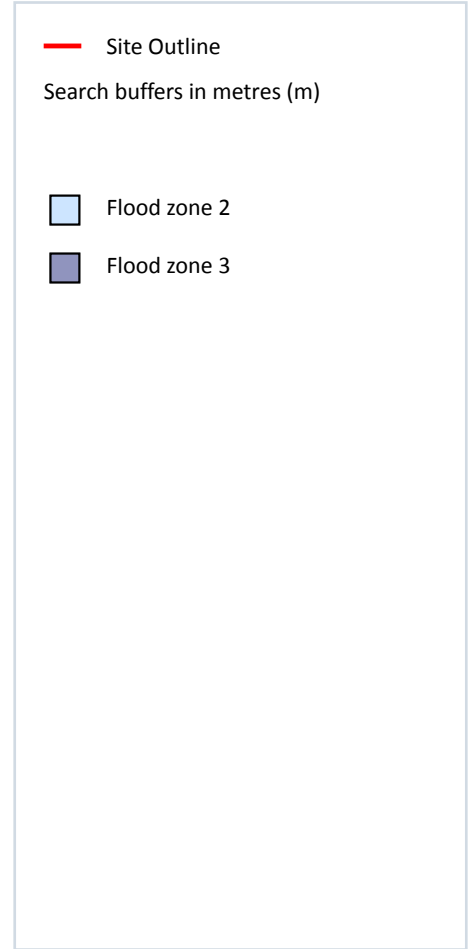
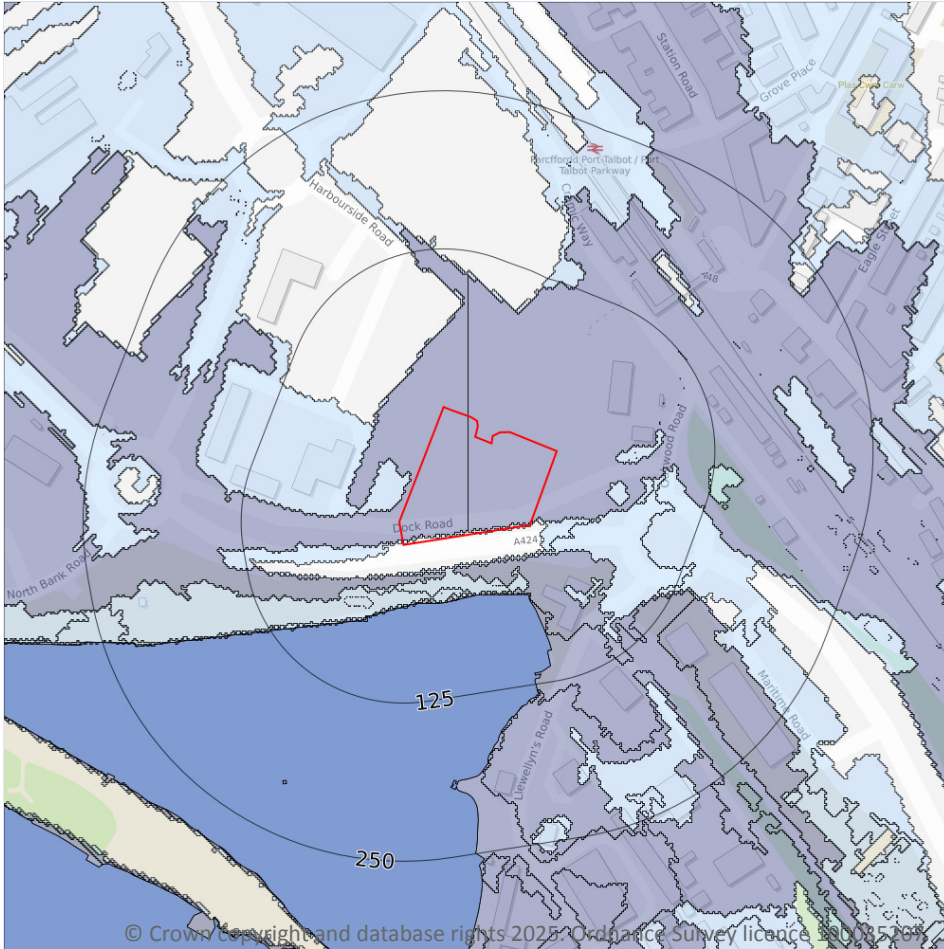
0

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



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 98](#) >

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.

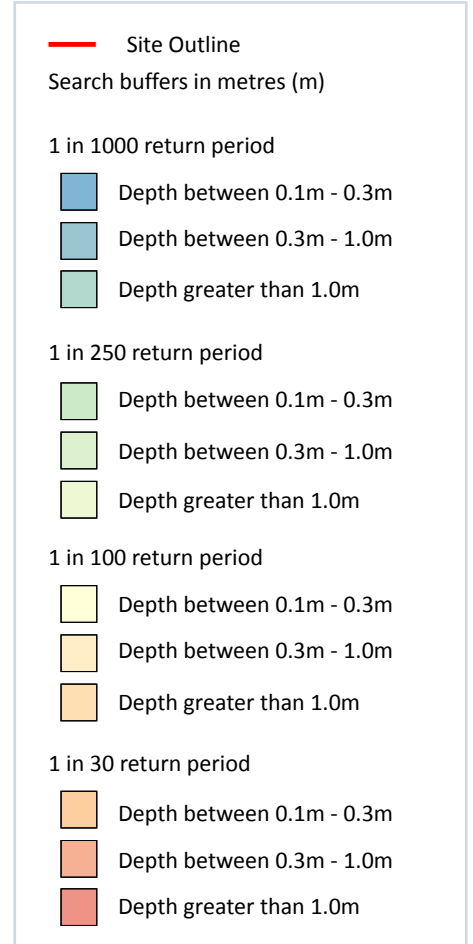
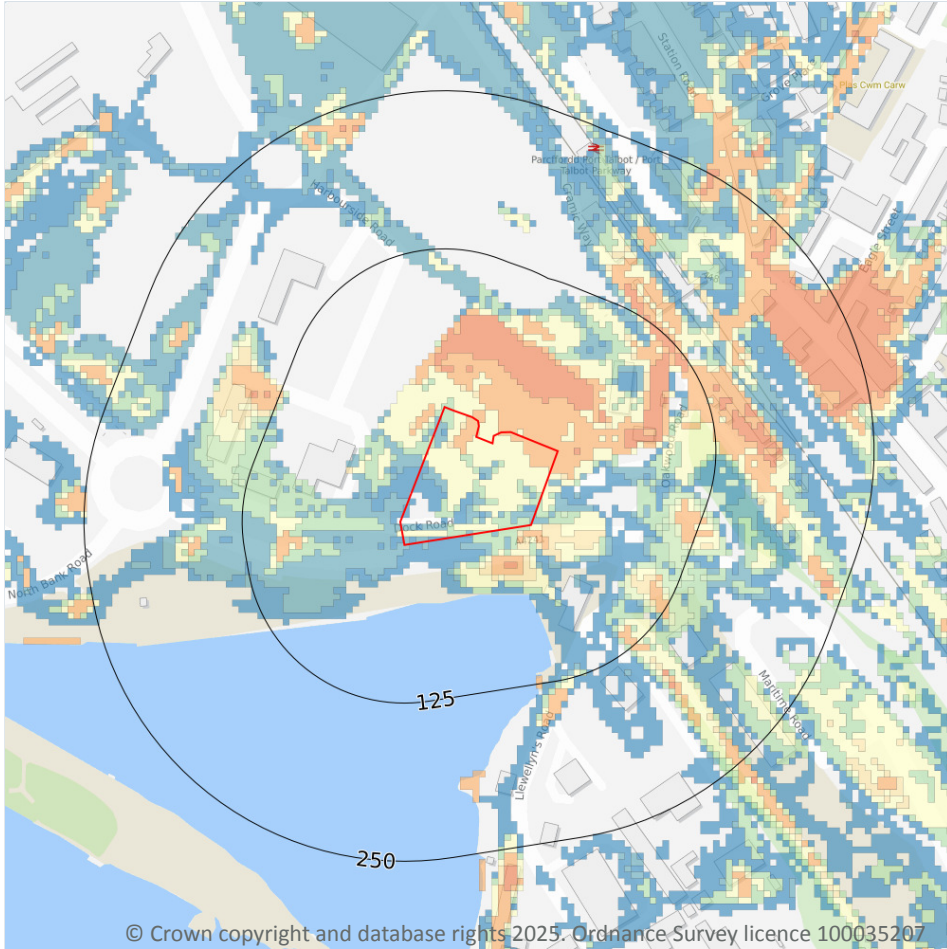
Features are displayed on the River and coastal flooding map on [page 98 >](#)

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

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 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 103 >](#)

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

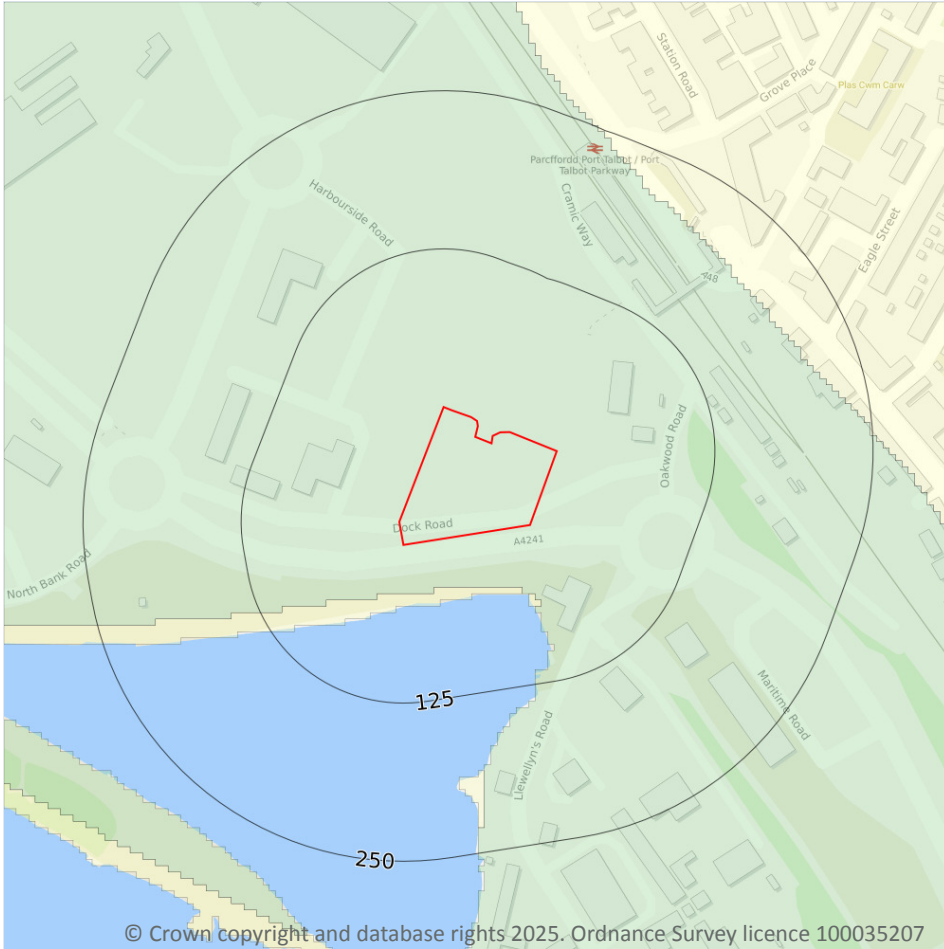
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m 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 Ambiental Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

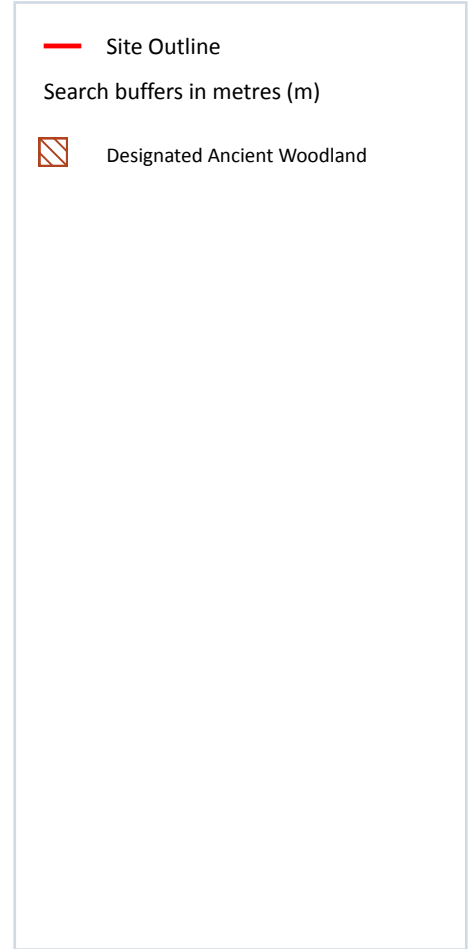
Moderate

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

Features are displayed on the Groundwater flooding map on [page 105 >](#)

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



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

9

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 106 >](#)

ID	Location	Name	Woodland Type
-	1286m E	Unknown	Ancient Semi Natural Woodland
-	1435m NE	Unknown	Ancient Semi Natural Woodland
-	1493m E	Unknown	Ancient Semi Natural Woodland
-	1558m SE	Unknown	Ancient Semi Natural Woodland
-	1592m E	Unknown	Ancient Semi Natural Woodland
-	1603m E	Unknown	Ancient Semi Natural Woodland
-	1617m NE	Unknown	Ancient Semi Natural Woodland
-	1955m E	Unknown	Ancient Semi Natural Woodland
-	1996m E	Unknown	Plantation on Ancient Woodland Site

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

10.8 Biosphere Reserves

Records within 2000m

0

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



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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

0

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

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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



10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

0

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

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



SSSI Impact Zones and Units

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

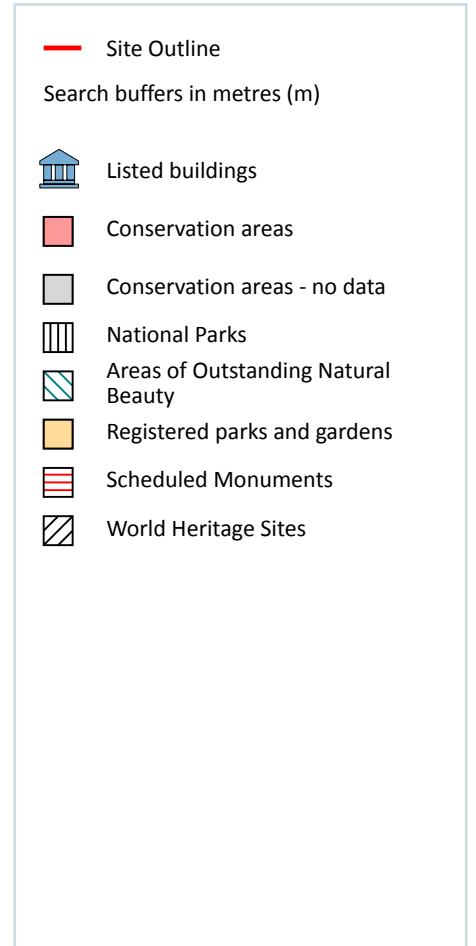
0

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**1**

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

Features are displayed on the Visual and cultural designations map on [page 112 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	65m NE	Harbour Court, Located At The Corner Of Oakwood Road And Cramic Way, To The S Of The Main Railway Line.	II	23152	31/03/2000

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



11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

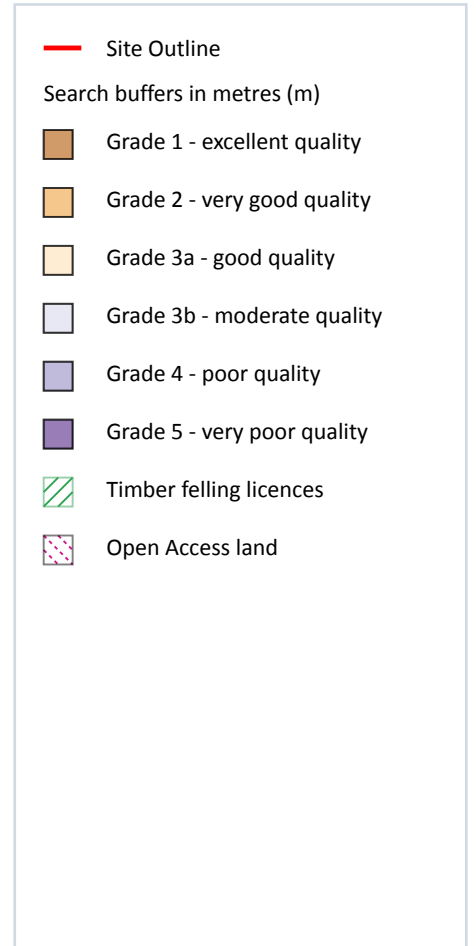
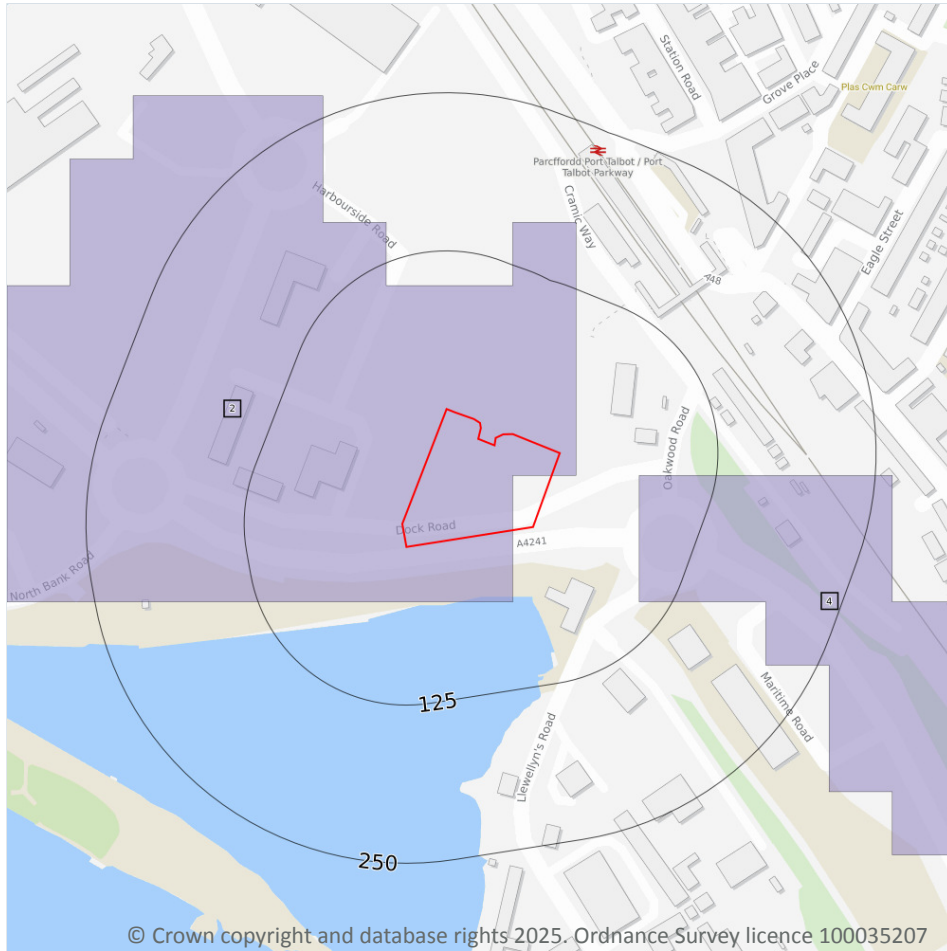
0

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

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



12 Agricultural designations



12.1 Agricultural Land Classification

Records within 250m

2

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

Features are displayed on the Agricultural designations map on [page 115](#) >

ID	Location	Classification	Description
2	On site	Grade 4	Poor quality agricultural land
4	65m E	Grade 4	Poor 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

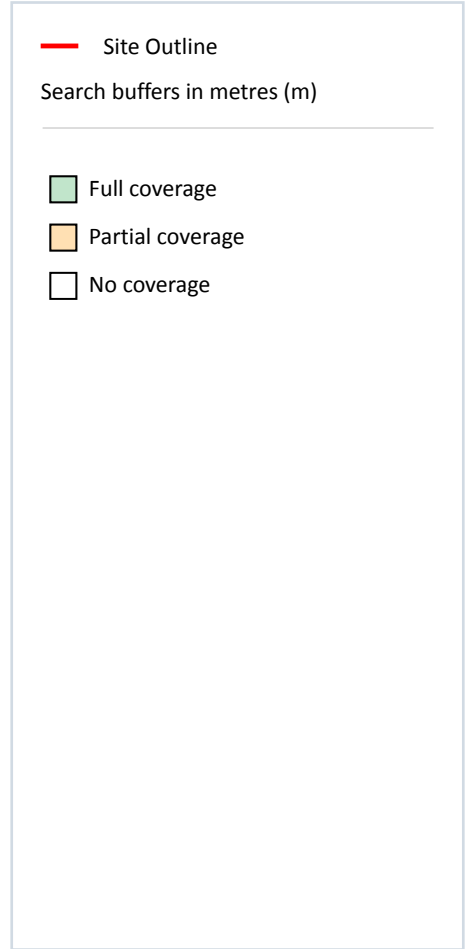
0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



14.1 10k Availability

Records within 500m

2

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

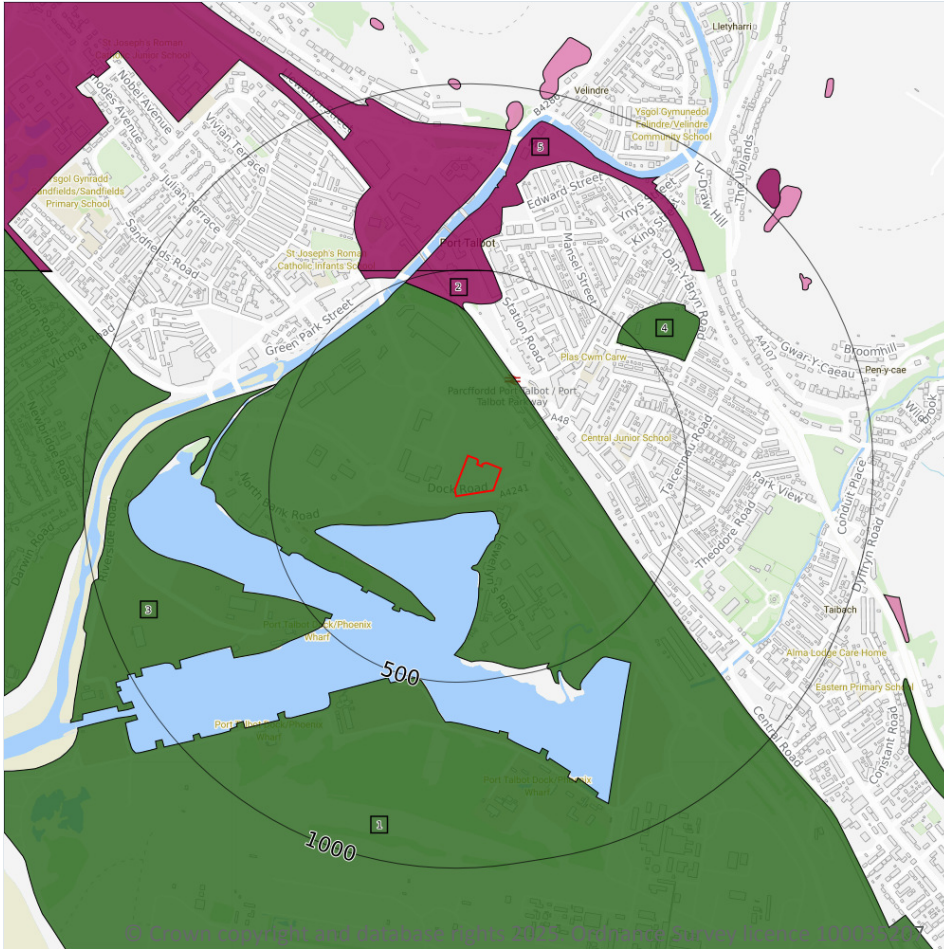
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 118 >](#)

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SS78NE
2	498m N	Full	Full	Full	Full	SS79SE

This data is sourced from the British Geological Survey.



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



14.2 Artificial and made ground (10k)

Records within 500m

5

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

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 119](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	LSGR-UKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
2	391m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	460m SW	LSGR-UKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
4	460m NE	LSGR-UKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry

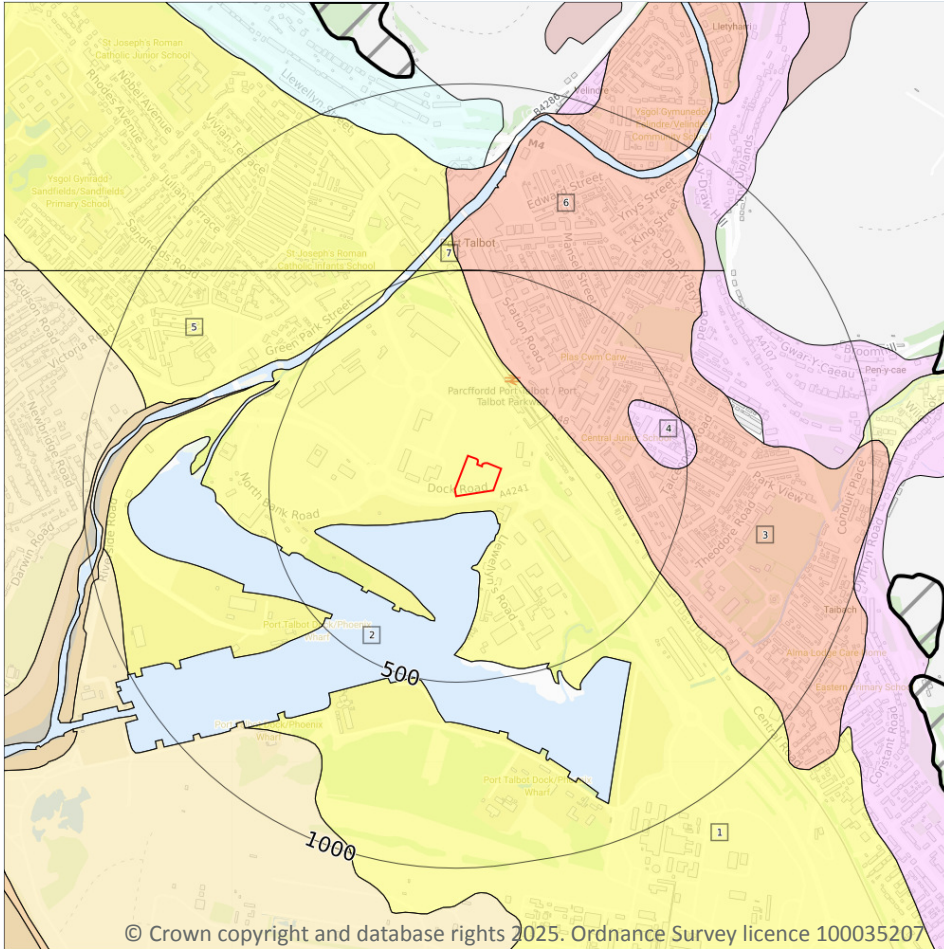



ID	Location	LEX Code	Description	Rock description
5	498m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
-  Landslip (10k)
- Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

7

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 121](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TFD-XCZS	Tidal Flat Deposits - Clay, Silt And Sand	Clay, Silt And Sand
2	47m SW	SUPNM-UKNOWN	Superficial Theme Not Mapped [for Digital Map Use Only] - Unknown/unclassified Entry	Unknown/unclassified Entry
3	197m NE	ALF-XSV	Alluvial Fan Deposits - Sand And Gravel	Sand And Gravel



ID	Location	LEX Code	Description	Rock description
4	370m E	GFDUD-XSV	Glaciofluvial Deposits, Devensian - Sand And Gravel	Sand And Gravel
5	479m NW	TFD-XCZS	Tidal Flat Deposits - Clay, Silt And Sand	Clay, Silt And Sand
6	498m N	ALF-XSV	Alluvial Fan Deposits - Sand And Gravel	Sand And Gravel
7	498m N	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

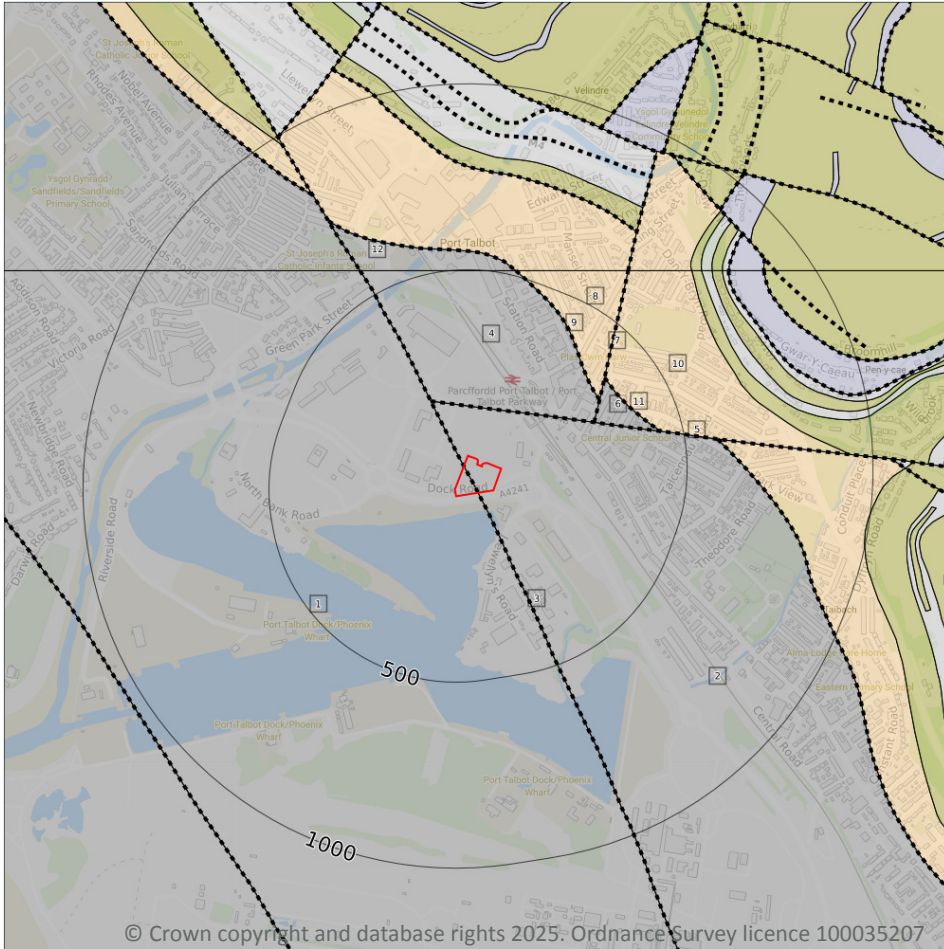
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- Bedrock faults and other linear features (10k)
- Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

7

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 123](#) >

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



ID	Location	LEX Code	Description	Rock age
4	133m N	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsoviaian Sub-age - Duckmantian Sub-age
6	279m NE	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsoviaian Sub-age - Duckmantian Sub-age
8	323m NE	SWUCM-MDSS	South Wales Upper Coal Measures Formation - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age - Bolsoviaian Sub-age
10	369m NE	SWUCM-MDSS	South Wales Upper Coal Measures Formation - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age - Bolsoviaian Sub-age
12	498m N	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsoviaian 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	5
----------------------------	----------

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 123 >](#)

ID	Location	Category	Description
3	On site	FAULT	Normal fault, inferred
5	133m N	FAULT	Normal fault, inferred
7	279m NE	FAULT	Normal fault, inferred
9	323m NE	FOSSIL_HORIZON	Fossil horizon, marine band (UCGMB (CONJECTURAL))
11	369m NE	FOSSIL_HORIZON	Fossil horizon, marine band (UCGMB (CONJECTURAL))

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 125 >](#)

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



15.2 Artificial and made ground (50k)

Records within 500m **3**

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on [page 126 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	LSGR-ARTGR	LANDSCAPED GROUND (UNDIVIDED)	ARTIFICIALLY MODIFIED GROUND
2	391m N	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
3	460m NE	LSGR-ARTGR	LANDSCAPED GROUND (UNDIVIDED)	ARTIFICIALLY MODIFIED GROUND

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m**1**

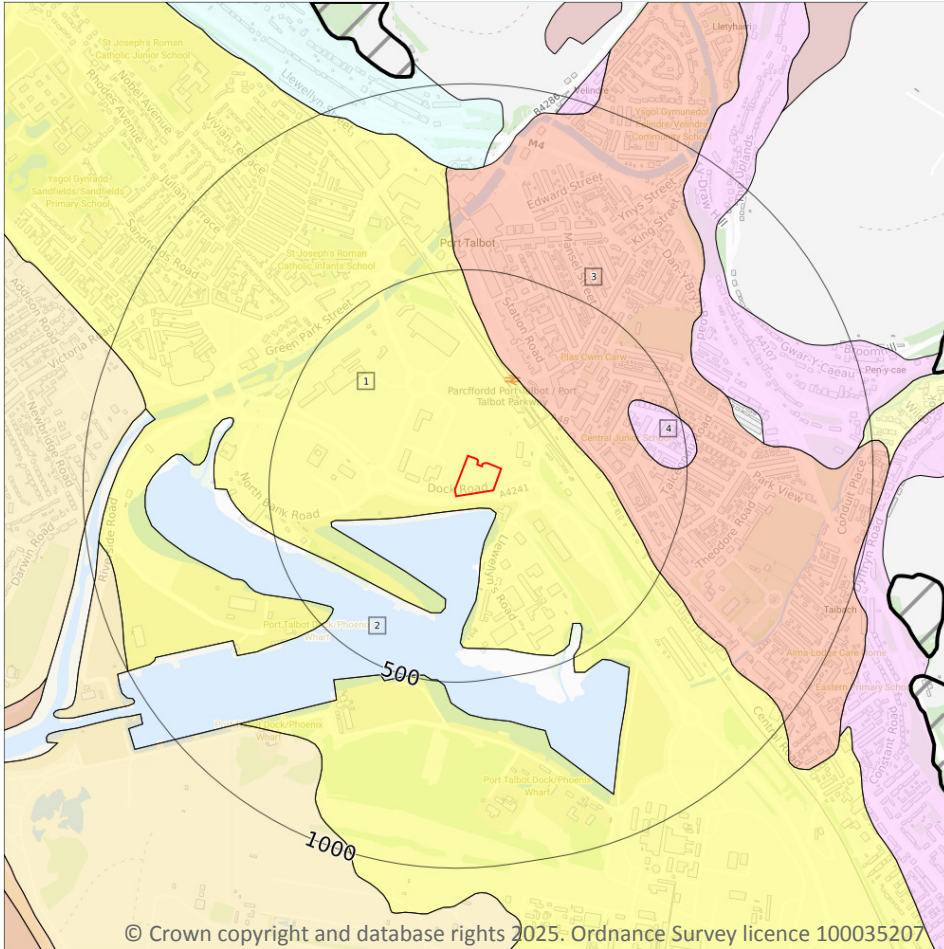
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



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

15.4 Superficial geology (50k)

Records within 500m

4

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 128](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TFD-XCZS	TIDAL FLAT DEPOSITS	CLAY, SILT AND SAND
2	39m SW	SUPNM-UKNOWN	SUPERFICIAL THEME NOT MAPPED [FOR DIGITAL MAP USE ONLY]	UNKNOWN/UNCLASSIFIED ENTRY
3	197m NE	ALF-XSV	ALLUVIAL FAN DEPOSITS	SAND AND GRAVEL

ID	Location	LEX Code	Description	Rock description
4	370m E	GFICD-XSV	GLACIOFLUVIAL ICE CONTACT DEPOSITS, DEVENSIAN	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	2
---------------------------	----------

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of 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
39m SW	Mixed	Very High	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.

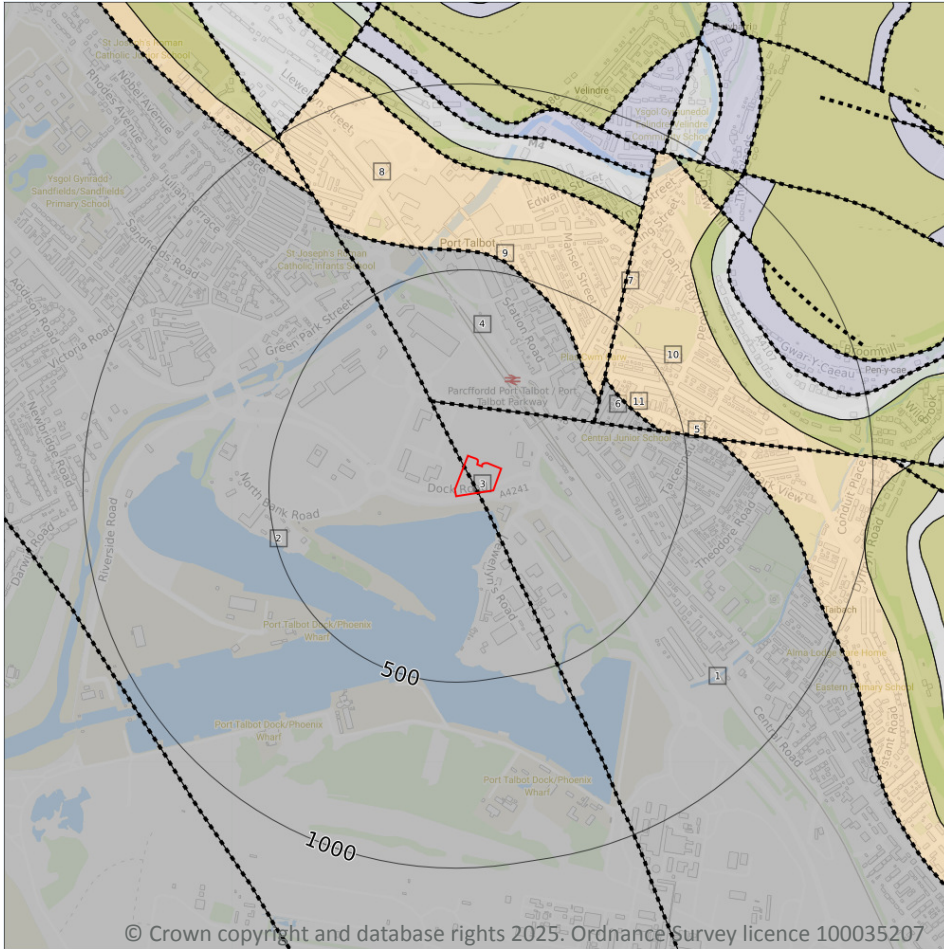
15.7 Landslip permeability (50k)

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

6

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 130](#) >

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

ID	Location	LEX Code	Description	Rock age
4	133m N	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
6	279m NE	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
8	323m NE	SWUCM-MDSS	SOUTH WALES UPPER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
10	369m NE	SWUCM-MDSS	SOUTH WALES UPPER 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 130 >](#)

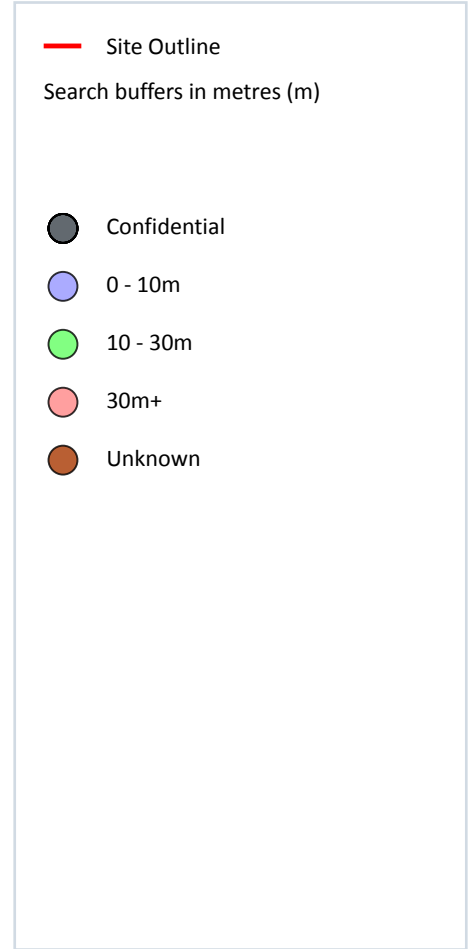
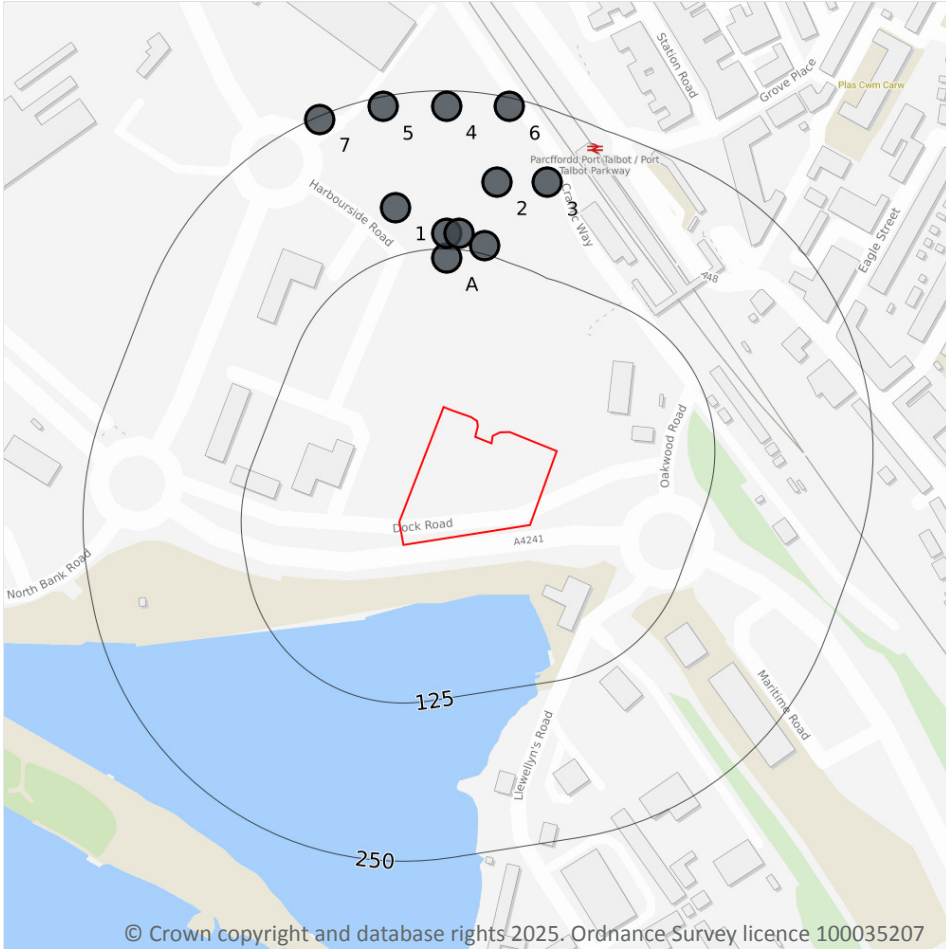
ID	Location	Category	Description
3	On site	FAULT	Fault, inferred, displacement unknown
5	133m N	FAULT	Fault, inferred, displacement unknown
7	279m NE	FAULT	Fault, inferred, displacement unknown
9	323m NE	FOSSIL_HORIZON	Marine band
11	369m NE	FOSSIL_HORIZON	Marine band



This data is sourced from the British Geological Survey.



16 Boreholes



16.1 BGS Boreholes

Records within 250m

11

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

Features are displayed on the Boreholes map on [page 133 >](#)

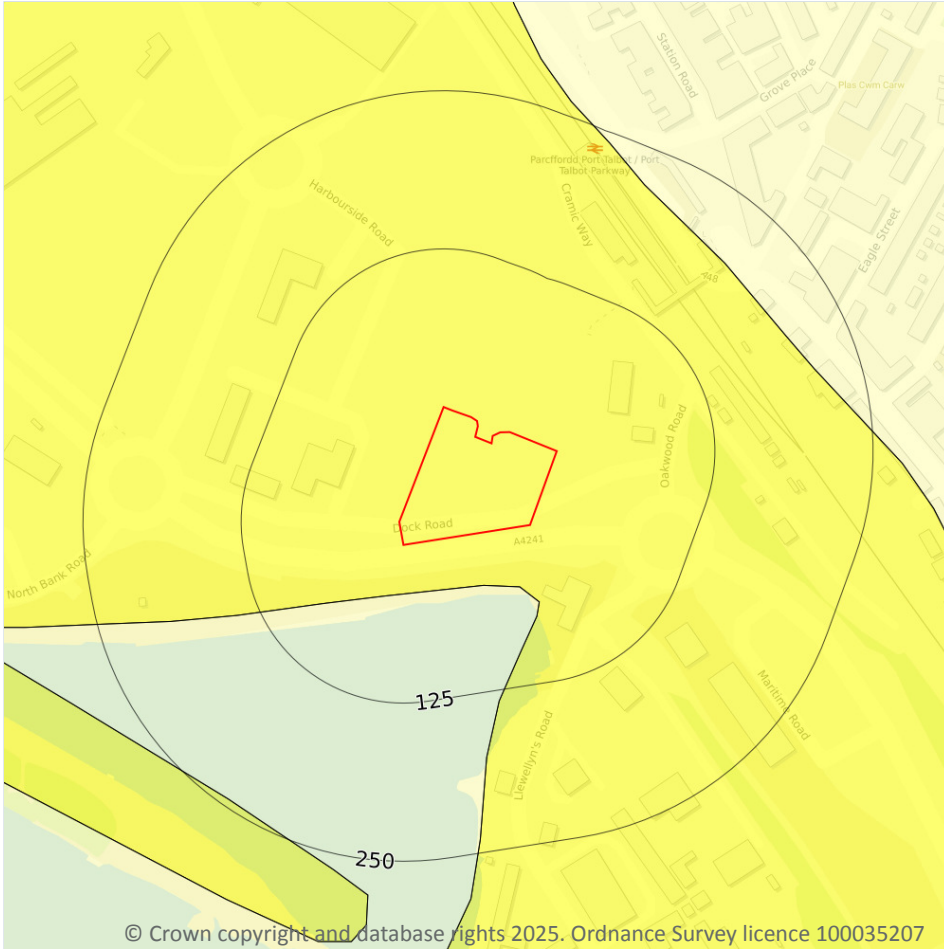
ID	Location	Grid reference	Name	Length	Confidential	Web link
A	118m N	276550 189620	CRAMIC WAY PORT TALBOT 1	-	Y	N/A
A	132m N	276580 189630	CRAMIC WAY PORT TALBOT 2	-	Y	N/A
A	138m N	276550 189640	CRAMIC WAY PORT TALBOT 10	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	138m N	276560 189640	CRAMIC WAY PORT TALBOT WS16	-	Y	N/A
1	162m N	276510 189660	CRAMIC WAY PORT TALBOT WS15	-	Y	N/A
2	183m N	276590 189680	CRAMIC WAY PORT TALBOT WS17	-	Y	N/A
3	195m N	276630 189680	CRAMIC WAY PORT TALBOT WS18	-	Y	N/A
4	238m N	276550 189740	CRAMIC WAY PORT TALBOT WS14	-	Y	N/A
5	242m N	276500 189740	CRAMIC WAY PORT TALBOT WS13	-	Y	N/A
6	243m N	276600 189740	CRAMIC WAY PORT TALBOT 9	-	Y	N/A
7	248m NW	276450 189730	CRAMIC WAY PORT TALBOT WS11	-	Y	N/A

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

2

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).

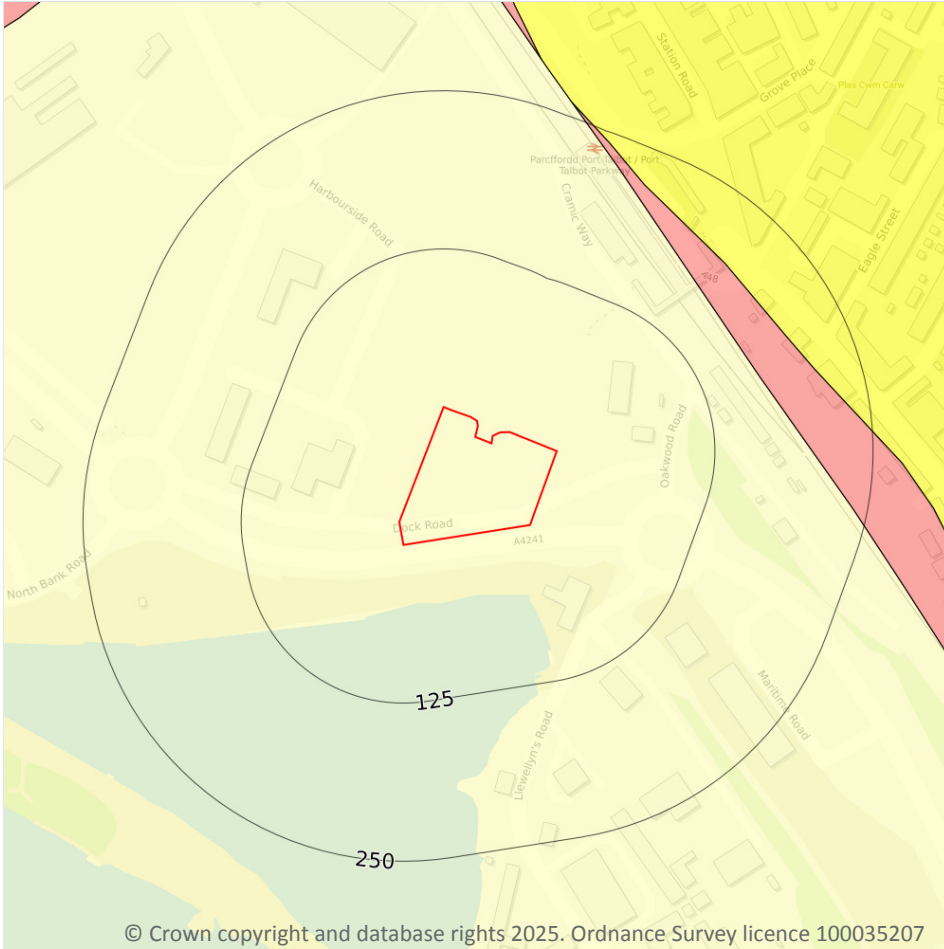
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 135 >](#)

Location	Hazard rating	Details
On site	Very low	Ground conditions predominantly low plasticity.
39m SW	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

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

17.2 Running sands

Records within 50m

1

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

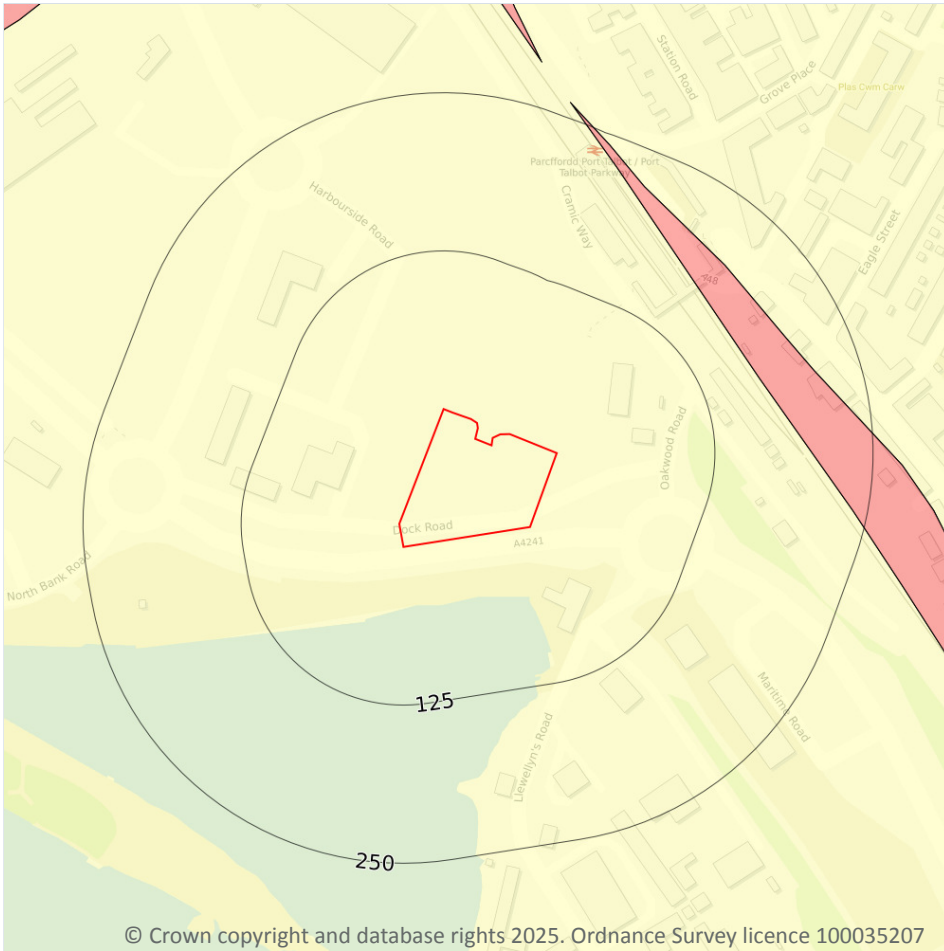
Features are displayed on the Natural ground subsidence - Running sands map on [page 136](#) >

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

1

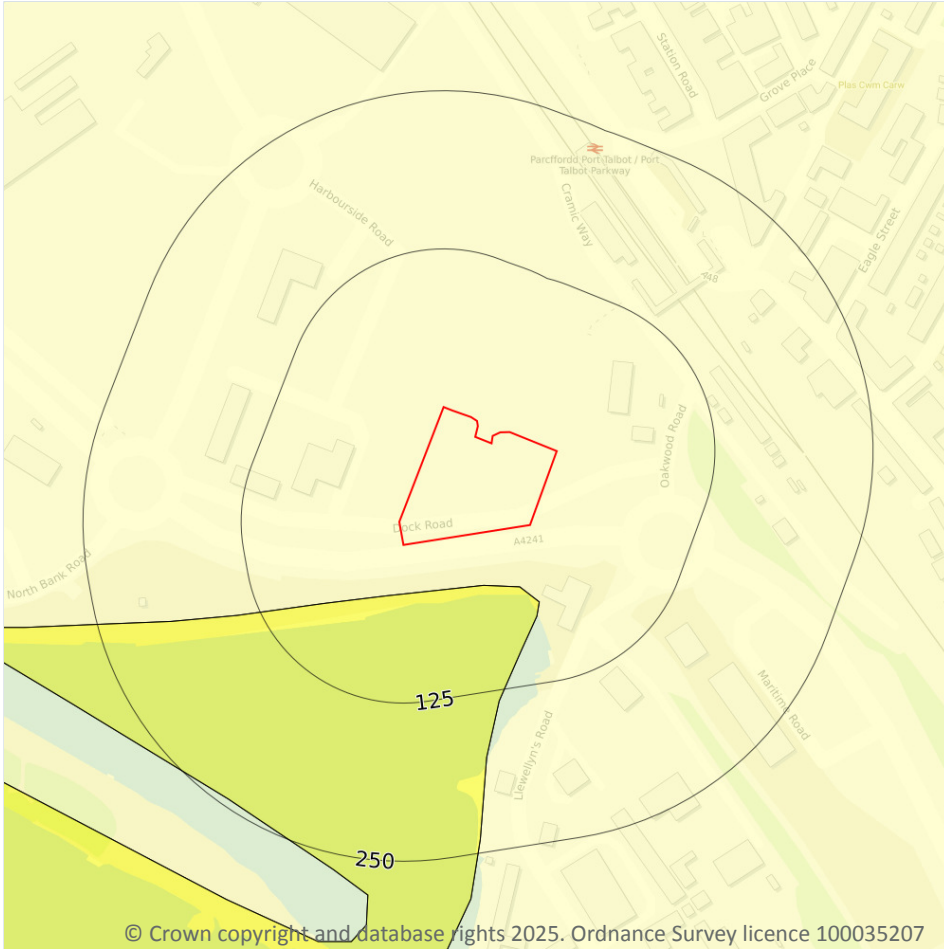
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 137](#) >

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



— Site Outline
Search buffers in metres (m)

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

17.4 Collapsible deposits

Records within 50m

2

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.

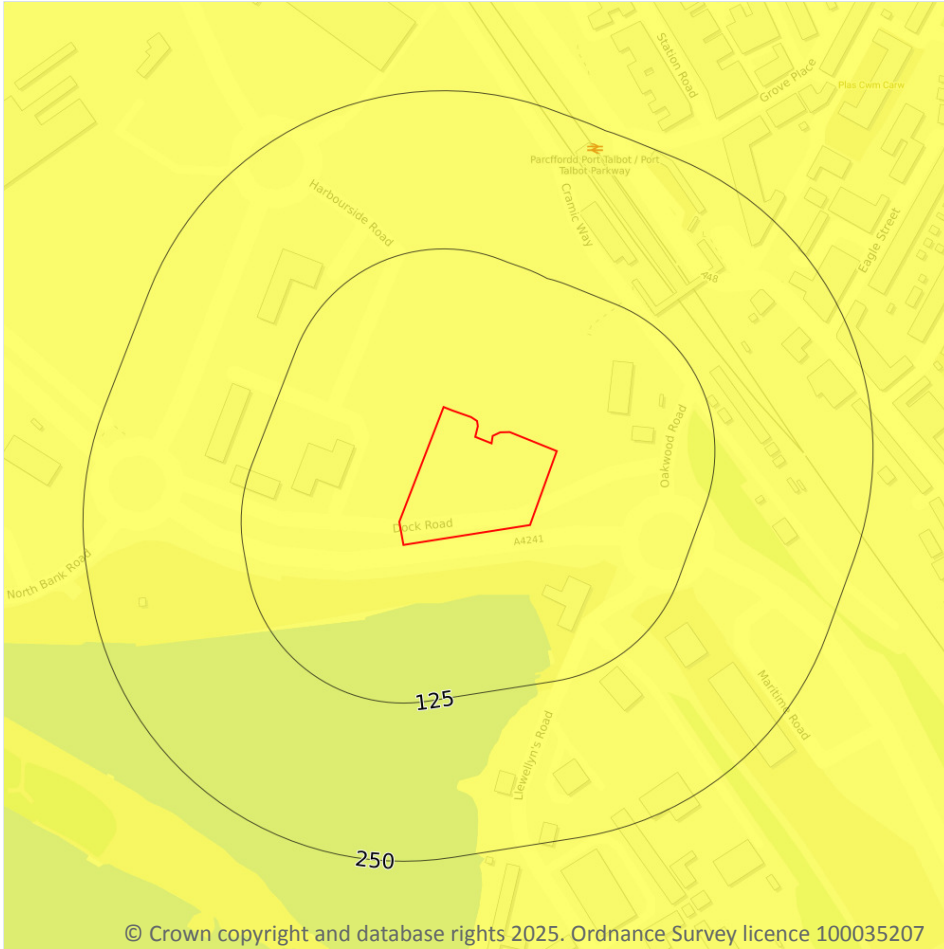
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 138 >](#)

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
39m SW	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

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

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.

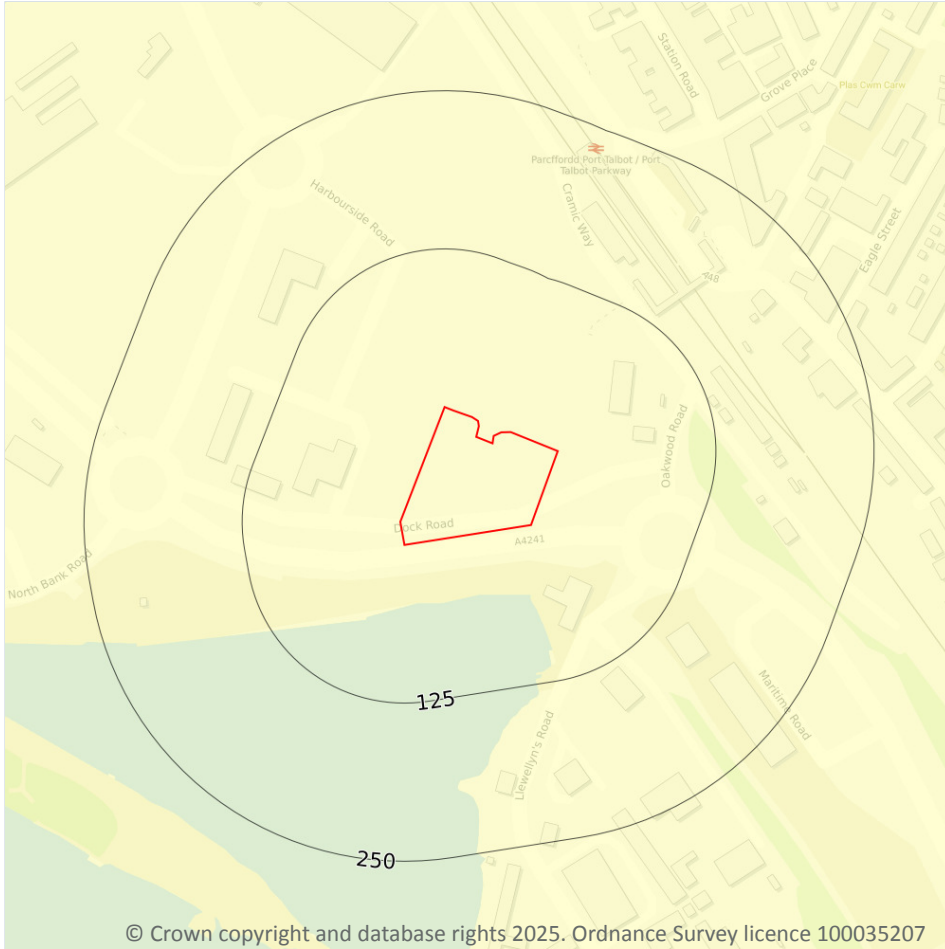
Features are displayed on the Natural ground subsidence - Landslides map on [page 139](#) >

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 140](#) >

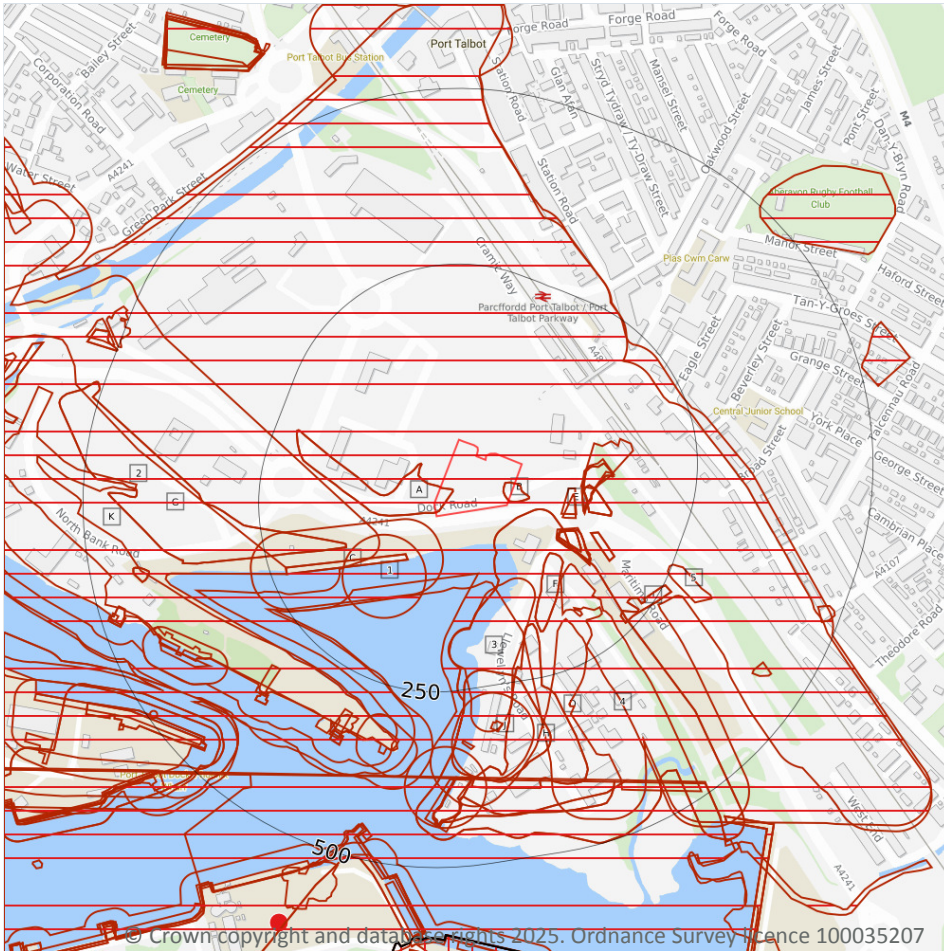
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



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

18.1 BritPits

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

44

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

Features are displayed on the Mining and ground workings map on [page 142 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Water Body	1914	1:10560
A	On site	Water Body	1921	1:10560
A	On site	Old Dock	1947	1:10560
A	On site	Dock	1921	1:10560
B	On site	Pond	1914	1:10560
B	On site	Pond	1921	1:10560
C	20m SW	Unspecified Wharf	1965	1:10560
D	23m SE	Disused Docks	1993	1:10000
D	23m SE	Disused Docks	1982	1:10000
1	54m SW	Goods Wharf	1947	1:10560
C	70m SW	Unspecified Wharf	1982	1:10000
C	70m SW	Steel Works Wharf	1993	1:10000
E	75m E	Pond	1897	1:10560
E	80m SE	Pond	1947	1:10560
E	80m E	Pond	1921	1:10560
E	84m SE	Pond	1914	1:10560
E	84m SE	Pond	1921	1:10560
E	84m SE	Pond	1982	1:10000
E	84m SE	Pond	1965	1:10560
E	84m SE	Pond	1993	1:10000
2	88m SW	Old Dock	1914	1:10560
E	90m E	Pond	1947	1:10560
E	90m E	Pond	1897	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
F	92m SE	Refuse Heap	1914	1:10560
F	92m SE	Refuse Heap	1921	1:10560
E	92m E	Pond	1914	1:10560
E	92m E	Pond	1921	1:10560
E	96m E	Pond	1982	1:10000
E	96m E	Pond	1965	1:10560
E	96m E	Pond	1993	1:10000
3	105m S	Quay	1965	1:10560
4	123m SE	Water Body	1914	1:10560
E	126m SE	Pond	1914	1:10560
E	126m SE	Pond	1921	1:10560
G	135m SW	Water Body	1914	1:10560
G	135m SW	Water Body	1921	1:10560
H	173m S	Refuse Heap	1914	1:10560
H	173m S	Refuse Heap	1921	1:10560
I	220m SE	Pond	1914	1:10560
I	220m SE	Pond	1921	1:10560
J	226m S	Quay	1993	1:10000
J	226m S	Quay	1982	1:10000
K	227m SW	Docks	1965	1:10560
5	247m SE	Unspecified Heap	1884	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

2

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

Features are displayed on the Mining and ground workings map on [page 142 >](#)



ID	Location	Land Use	Year of mapping	Mapping scale
X	596m S	Coal Works	1914	1:10560
X	596m S	Coal Works	1921	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

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

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

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

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.



18.8 The Coal Authority non-coal mining

Records within 500m

0

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

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

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

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

This data is sourced from Groundsure.



18.12 Coal mining

Records on site 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.

18.13 Brine areas

Records on site 0

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

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

18.14 Gypsum areas

Records on site 0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site 0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site 0

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

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



19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

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

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

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

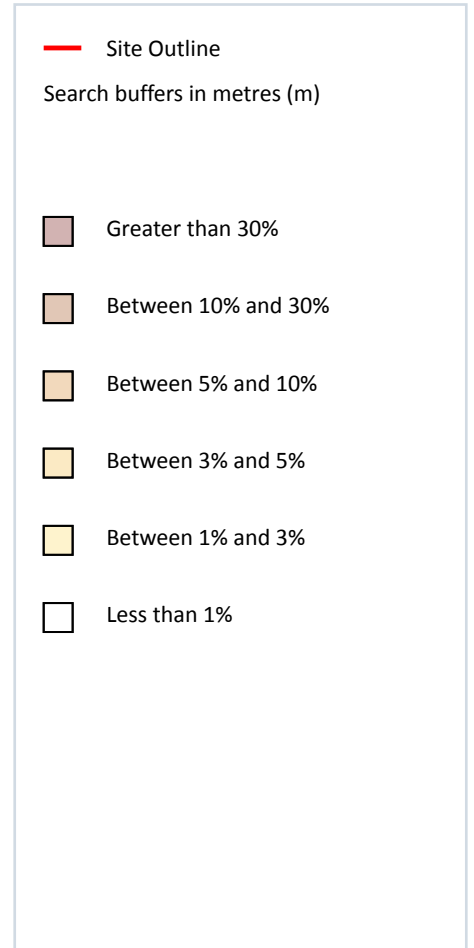
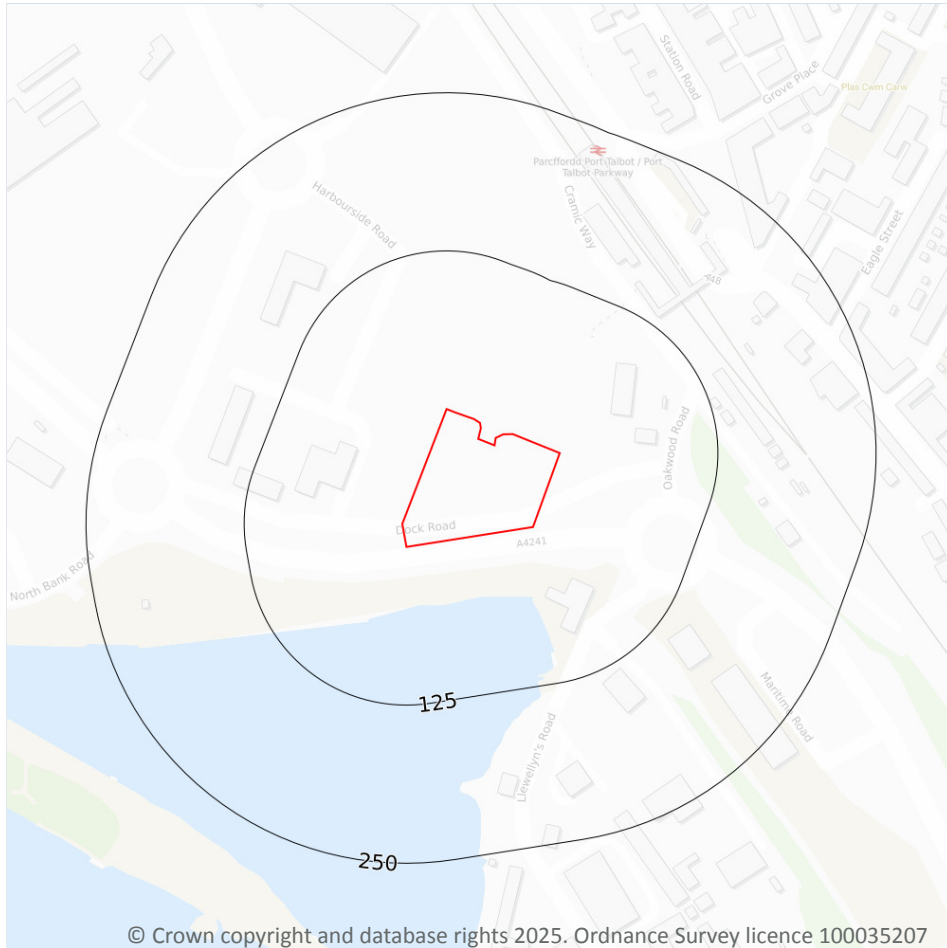
Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.



20 Radon



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20.1 Radon

Records on site

1

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

Features are displayed on the Radon map on [page 150 >](#)

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



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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

4

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
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
13m SW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
44m NW	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.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.



21.3 BGS Measured Urban Soil Chemistry

Records within 50m

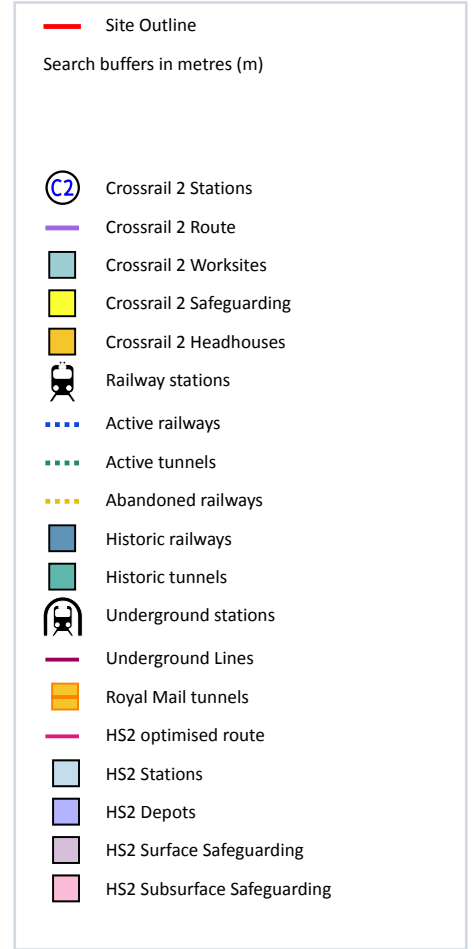
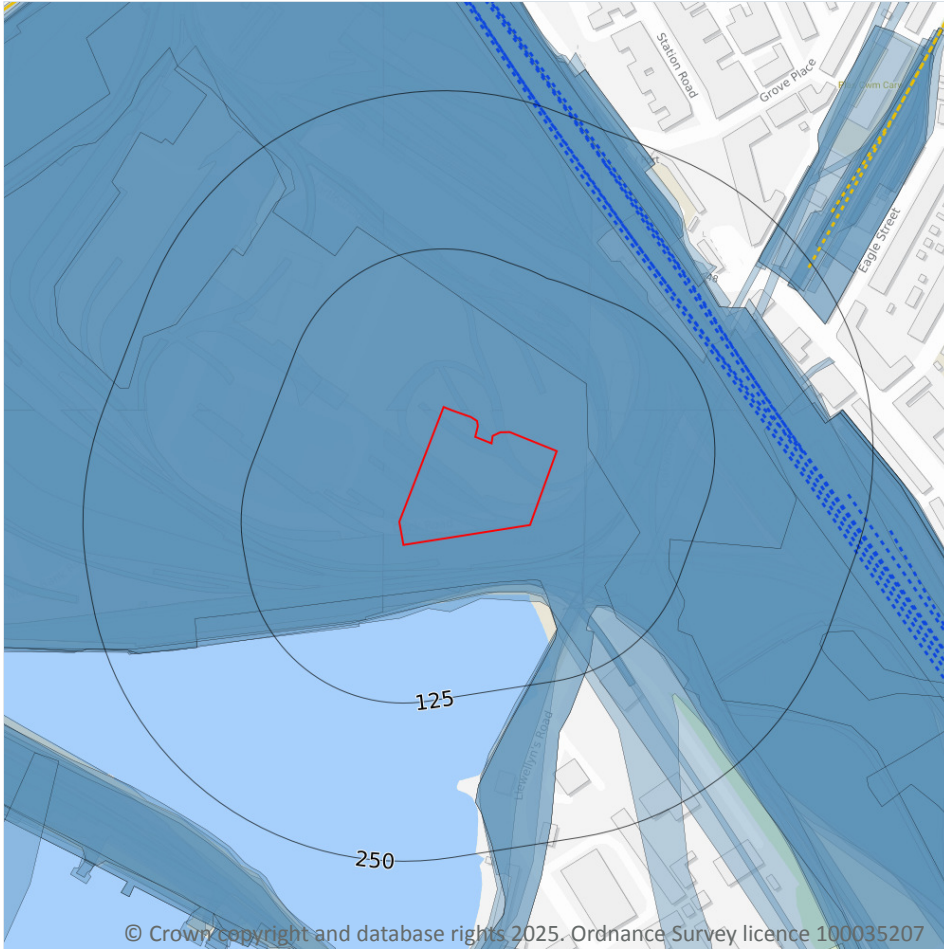
0

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

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



22.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

68

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 154 >](#)

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1951	2500
On site	Railway Sidings	1962	1250
On site	Railway Sidings	1951	1250
On site	Railway Sidings	1917	2500
On site	Railway Sidings	1939	2500
On site	Railway Sidings	1947	10560
On site	Railway Sidings	1914	10560
On site	Railway Sidings	1921	10560
On site	Railway Sidings	1965	10560
3m N	Railway Sidings	1950	1250
8m NW	Railway Sidings	1950	1250
14m W	Railway Sidings	1950	1250
14m SW	Railway Sidings	1950	1250
14m SW	Railway Sidings	1962	1250
15m SW	Railway Sidings	1899	2500
20m SW	Railway Sidings	1967	1250
20m SW	Railway Sidings	1969	2500



Location	Land Use	Year of mapping	Mapping scale
25m E	Railway Sidings	1982	10000
25m E	Railway Sidings	1939	2500
26m SW	Railway Sidings	1974	1250
26m SW	Railway Sidings	1967	1250
26m W	Railway Sidings	1950	1250
30m E	Railway Sidings	1917	2500
45m NE	Railway Sidings	1962	1250
46m SE	Railway Sidings	1899	2500
62m E	Railway Sidings	1962	1250
64m SE	Railway Sidings	1881	2500
69m NE	Railway Sidings	1950	1250
71m SE	Railway	1876	-
74m NW	Railway Sidings	1957	1250
77m NE	Railway Sidings	1962	1250
91m N	Railway Sidings	1917	2500
95m SE	Railway	0	-
97m NW	Railway Sidings	1951	1250
108m E	Railway Sidings	1897	10560
127m E	Railway Sidings	1876	2500
140m NE	Railway Sidings	1993	10000
144m N	Railway Sidings	1951	1250
148m NE	Railway Sidings	1950	1250
152m N	Railway Sidings	1971	1250
153m N	Railway Sidings	1957	1250
153m N	Railway Sidings	1964	1250
154m N	Railway Sidings	1979	1250
158m NE	Railway Sidings	1950	1250
166m NE	Railway Sidings	1876	2500



Location	Land Use	Year of mapping	Mapping scale
167m NE	Railway Sidings	1962	1250
171m W	Railway Sidings	1951	1250
171m NE	Railway Sidings	1897	10560
173m NW	Railway Sidings	1967	1250
192m E	Railway Sidings	1974	1250
195m NE	Railway Sidings	1950	1250
200m E	Railway Sidings	1967	1250
200m E	Railway Sidings	1962	1250
200m E	Railway Sidings	1974	1250
201m NE	Railway	1876	-
212m N	Tramway Sidings	1881	2500
215m NE	Railway Sidings	1917	2500
219m NE	Railway Sidings	1914	10560
219m NE	Railway Sidings	1921	10560
219m W	Railway Sidings	1957	1250
219m W	Railway Sidings	1964	1250
225m NE	Railway Sidings	1917	2500
225m NE	Railway Sidings	1939	2500
227m NE	Railway Sidings	1947	10560
237m E	Railway Sidings	1988	1250
237m E	Railway Sidings	1991	1250
237m E	Railway Sidings	1995	1250
247m SE	Railway Sidings	1884	10560

This data is sourced from Ordnance Survey/Groundsure.



22.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

1

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

Features are displayed on the Railway infrastructure and projects map on [page 154 >](#)

Location	Description
246m NE	Razed

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

18

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

Features are displayed on the Railway infrastructure and projects map on [page 154 >](#)

Location	Name	Type
145m NE		rail
148m NE	South Wales Main Line	rail
149m NE	Not given	Multi Track
149m NE	Not given	Multi Track
155m NE	Not given	Multi Track
158m NE	South Wales Main Line	rail
161m NE	Not given	Multi Track
161m NE	Not given	Multi Track



Location	Name	Type
162m NE		rail
163m E	Not given	Multi Track
169m NE	Not given	Multi Track
176m NE	Not given	Multi Track
176m NE	Not given	Multi Track
179m E	Not given	Multi Track
197m E	Not given	Multi Track
213m N	South Wales Main Line	rail
225m N	South Wales Main Line	rail
233m E		rail

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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

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