

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

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

71

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

Features are displayed on the Past land use - un-grouped map on [page 27](#)

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

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

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

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

38

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

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

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

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

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



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

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

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

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

3.5 Historical waste sites

Records within 500m

7

Waste site records derived from Local Authority planning records and high detail historical mapping.

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

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

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

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

3.6 Licensed waste sites

Records within 500m

29

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

Features are displayed on the Waste and landfill map on [page 44](#)

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

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

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

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

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

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

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

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

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

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

3.7 Waste exemptions

Records within 500m

15

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

Features are displayed on the Waste and landfill map on [page 44](#)

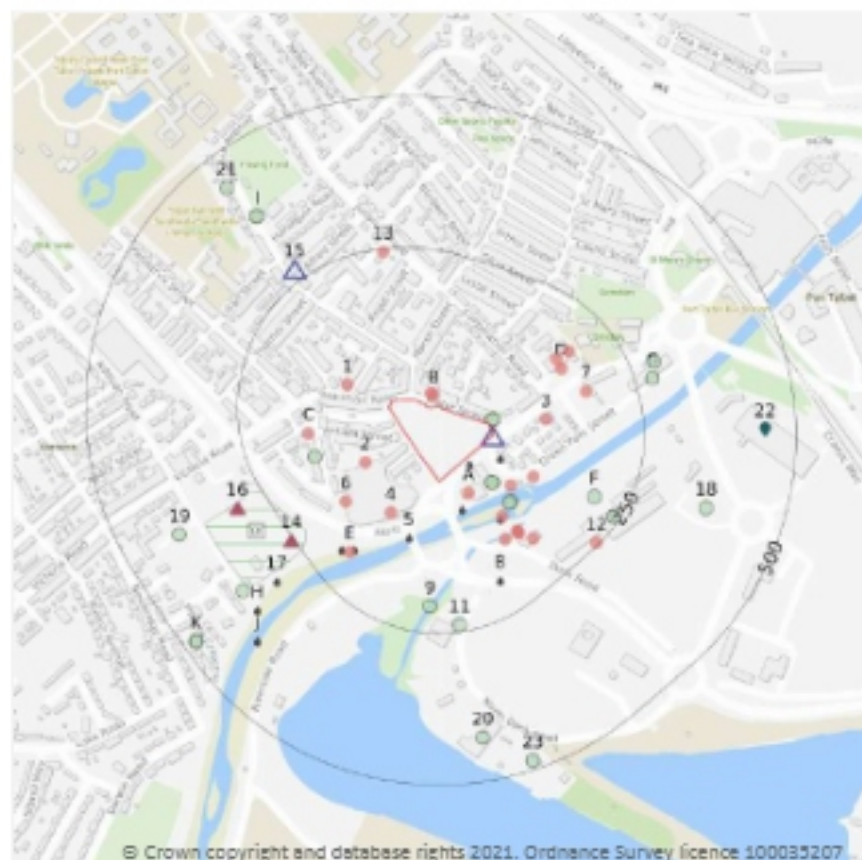
ID	Location	Site	Reference	Category	Sub-Category	Description
D	227m SE	AWD GROUP LTD, A W D Group Ltd, Byass Works, Dock Road, The Docks, Port Talbot, Castell-nedd Port Talbot, SA13 1RS	NRW-WME064792	Treating waste exemption	Not on a farm	Manual treatment of waste
D	227m SE	AWD GROUP LTD, A W D Group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



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

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

4 Current industrial land use



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

4.1 Recent industrial land uses

Records within 250m

24

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 57](#)

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

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



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

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 57](#)

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

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

1

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

Features are displayed on the Current industrial land use map on [page 57](#)

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

2

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

Features are displayed on the Current industrial land use map on [page 57](#)

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

1

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on [page 57](#)

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

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

0

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m

12

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

Features are displayed on the Current industrial land use map on [page 57](#)

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

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

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

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m 0

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

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

4.15 Pollutant release to public sewer

Records within 500m 0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m 0

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

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

4.17 List 2 Dangerous Substances

Records within 500m 0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

25

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on [page 57](#)

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

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

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

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

4.19 Pollution inventory substances

Records within 500m

0

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

complete year available.

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

4.20 Pollution inventory waste transfers

Records within 500m

0

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

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

4.21 Pollution inventory radioactive waste

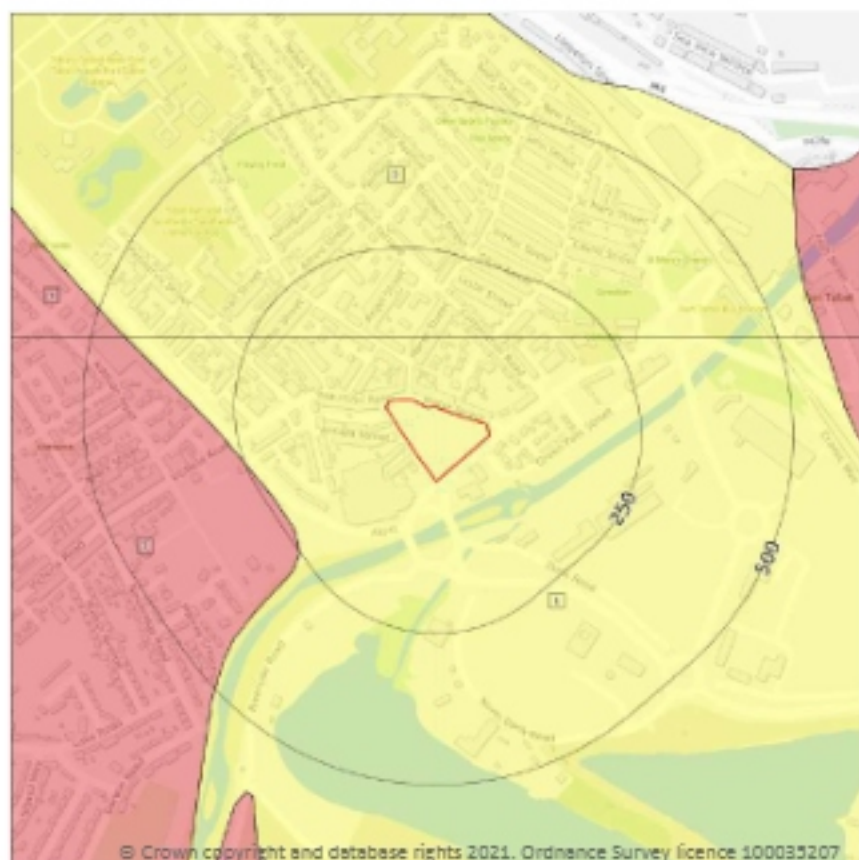
Records within 500m

0

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

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

5 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

4

Aquifer status of groundwater held within superficial geology.

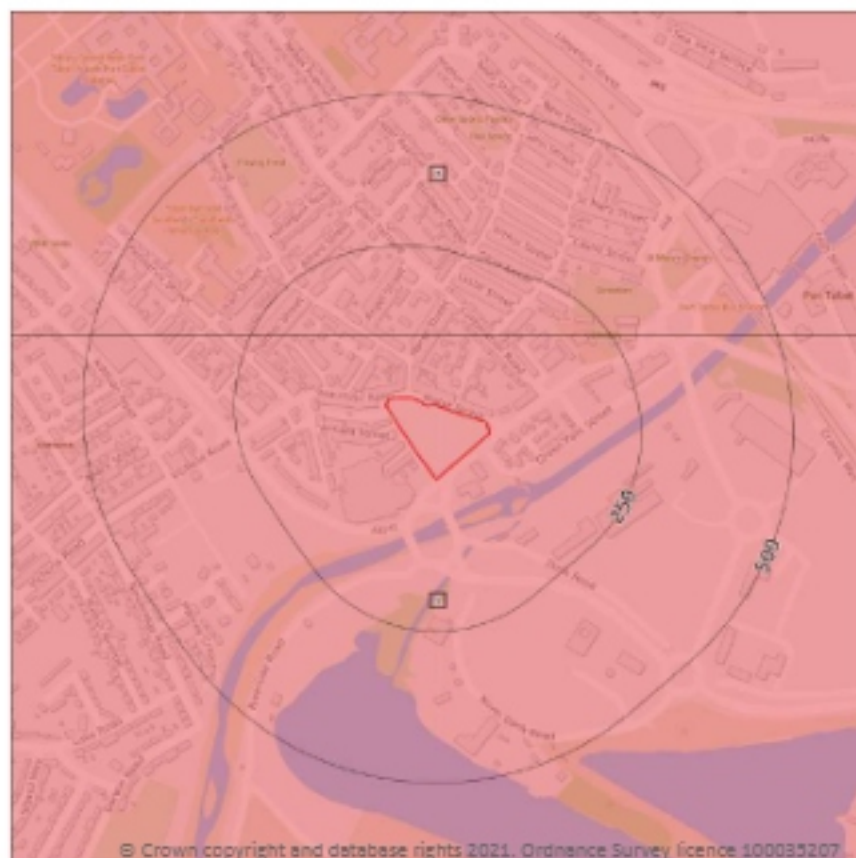
Features are displayed on the Hydrogeology map on page 69

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

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

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

Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

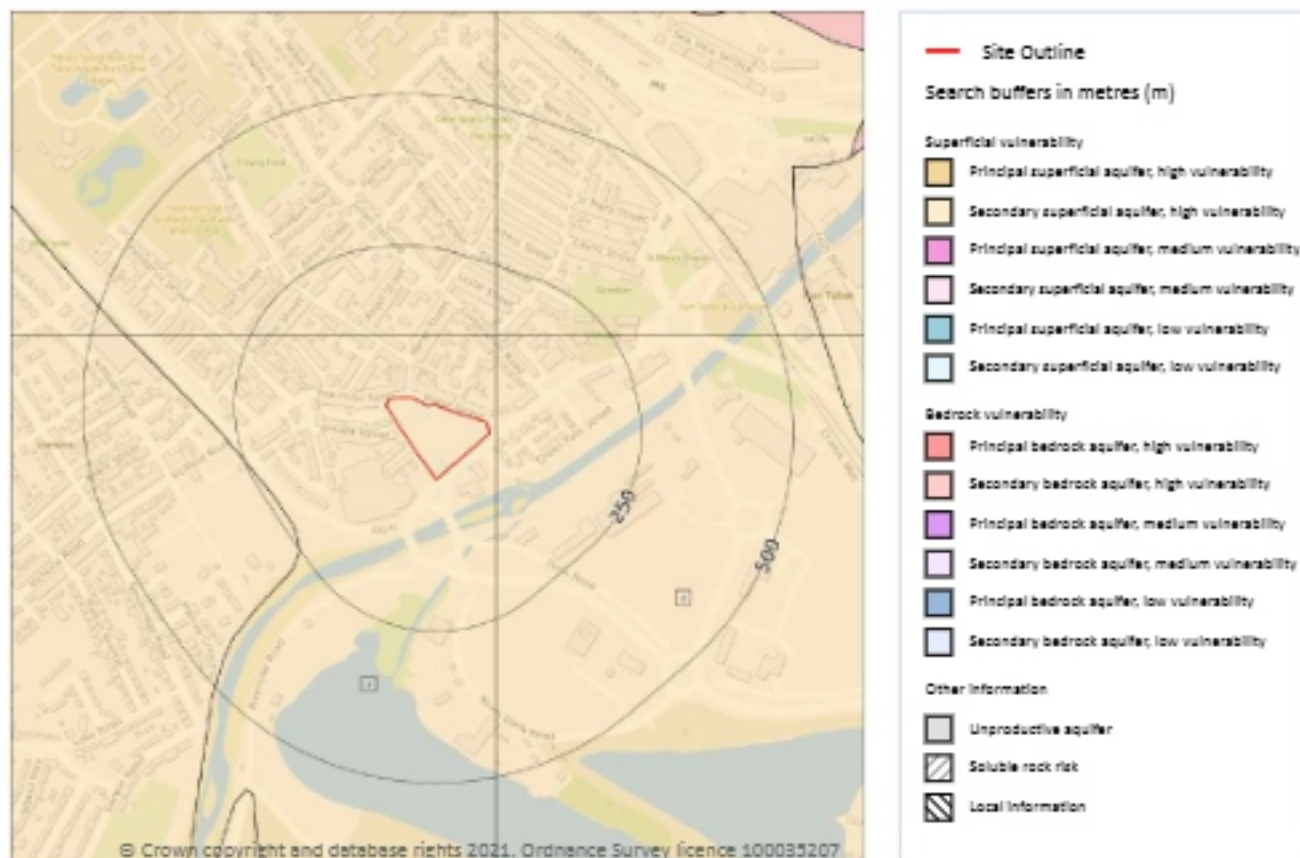
Features are displayed on the Bedrock aquifer map on [page 71](#)

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

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

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

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

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

Features are displayed on the Groundwater vulnerability map on page 73

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

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

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

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

5.5 Groundwater vulnerability- local information

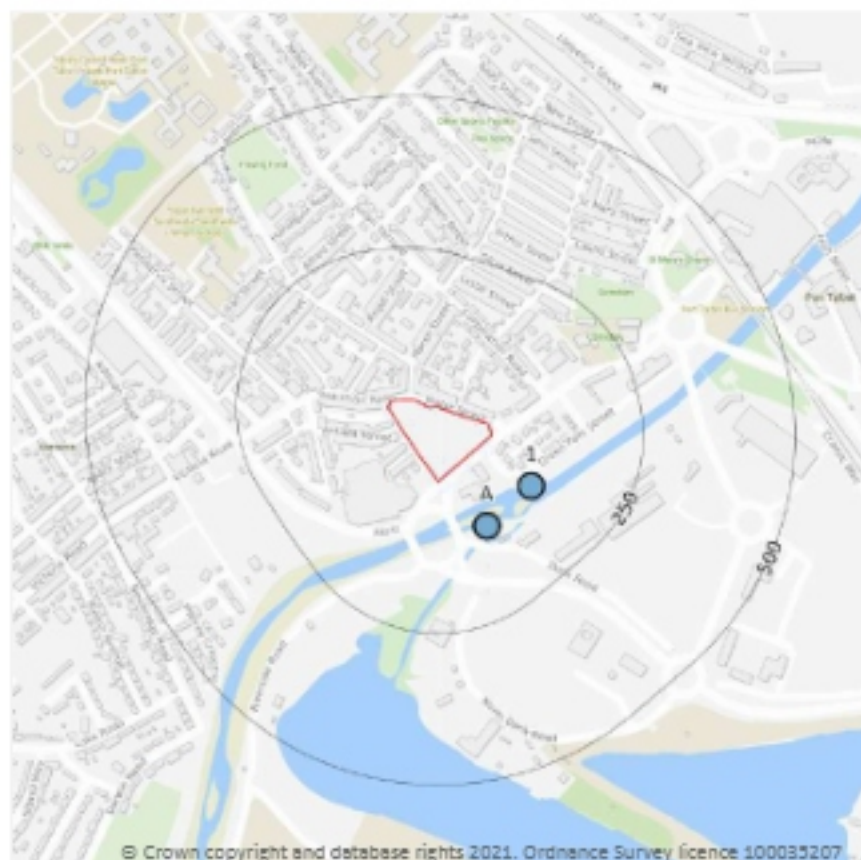
Records on site

0

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

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

Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)**
- Source Protection Zone 1
Inner settlement
- Source Protection Zone 2
Outer settlement
- Source Protection Zone 3
Total settlement
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 5
Inner settlement - confined aquifer
- Source Protection Zone 2c
Outer settlement - confined aquifer
- Source Protection Zone 3c
Total settlement - confined aquifer
- Drinking water abstraction licences
Feature features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

0

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

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

5.7 Surface water abstractions

Records within 2000m

18

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 75](#)

ID	Location	Details	
1	105m SE	Status: Active Licence No: WA/058/0061/007 Details: Unknown (Impounding) - Direct Source: - Point: - Data Type: Point Name: - Easting: 276054 Northing: 189756	Annual Volume (m³): 0 Max Daily Volume (m³): - Original Application No: - Original Start Date: 2012-05-29 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
A	107m SE	Status: Historical Licence No: 21/58/61/0009 Details: Process Water Direct Source: EAW Surface Water Point: RIVER AFAN TO PORT TALBOT DOCKS Data Type: Point Name: Tata Steel UK Limited Easting: 275980 Northing: 189690	Annual Volume (m³): 14,933,610 Max Daily Volume (m³): 40914 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
A	107m SE	Status: Historical Licence No: 21/58/61/0009 Details: Evaporative Cooling Direct Source: EAW Surface Water Point: RIVER AFAN TO PORT TALBOT DOCKS Data Type: Point Name: Tata Steel UK Limited Easting: 275980 Northing: 189690	Annual Volume (m³): 14,933,610 Max Daily Volume (m³): 40914 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
A	107m SE	Status: Active Licence No: 21/58/61/0009 Details: Evaporative Cooling - High Direct Source: - Point: - Data Type: Point Name: - Easting: 275980 Northing: 189690	Annual Volume (m³): 14,933,610 Max Daily Volume (m³): 40,912.80 Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -

ID	Location	Details	
A	107m SE	Status: Active Licence No: 21/58/61/0009 Details: Process Water - Medium Direct Source: - Point: - Data Type: Point Name: - Easting: 275980 Northing: 189690	Annual Volume (m³): 14,933,610 Max Daily Volume (m³): 40,912.80 Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	942m S	Status: Historical Licence No: 21/58/61/0042 Details: Dust Suppression Direct Source: EAW Surface Water Point: PORT TALBOT DOCKS PORT TALBOT Data Type: Point Name: Civil and Marine Ltd Easting: 276230 Northing: 188880	Annual Volume (m³): 5000 Max Daily Volume (m³): 49.68 Original Application No: - Original Start Date: 15/04/2002 Expiry Date: 14/04/2017 Issue No: 4 Version Start Date: 21/05/2010 Version End Date: -
-	942m S	Status: Historical Licence No: 21/58/61/0042 Details: Process Water Direct Source: EAW Surface Water Point: PORT TALBOT DOCKS PORT TALBOT Data Type: Point Name: Civil and Marine Ltd Easting: 276230 Northing: 188880	Annual Volume (m³): 8000 Max Daily Volume (m³): 49.68 Original Application No: - Original Start Date: 15/04/2002 Expiry Date: 31/03/2029 Issue No: 5 Version Start Date: 01/05/2014 Version End Date: -
-	942m S	Status: Active Licence No: 21/58/61/0042 Details: Process Water - Medium Direct Source: - Point: - Data Type: Point Name: - Easting: 276230 Northing: 188880	Annual Volume (m³): 8,000 Max Daily Volume (m³): 397.44 Original Application No: - Original Start Date: 2014-05-01 00:00:00.0000000 Expiry Date: 2029-03-31 00:00:00.0000000 Issue No: - Version Start Date: - Version End Date: -
-	965m S	Status: Historical Licence No: 21/58/61/0042 Details: Dust Suppression Direct Source: EAW Surface Water Point: CIVIL & MARINE SLAG CEMENT LTD QUAY AT PORT TALBOT DOCKS Data Type: Point Name: Civil and Marine Ltd Easting: 276240 Northing: 188860	Annual Volume (m³): 5000 Max Daily Volume (m³): 49.68 Original Application No: - Original Start Date: 15/04/2002 Expiry Date: 14/04/2017 Issue No: 3 Version Start Date: 12/09/2008 Version End Date: -

ID	Location	Details	
-	1333m SE	Status: Historical Licence No: WA/058/0061/004 Details: Dust Suppression Direct Source: EAW Surface Water Point: PORT TALBOT DOCK AT MARGAM MOORS Data Type: Point Name: Costain Limited Easting: 276967 Northing: 188933	Annual Volume (m³): 36800 Max Daily Volume (m³): 200 Original Application No: - Original Start Date: 05/08/2011 Expiry Date: 31/12/2014 Issue No: 1 Version Start Date: 05/08/2011 Version End Date: -
-	1512m SE	Status: Historical Licence No: 21/58/61/0024 Details: Evaporative Cooling Direct Source: EAW Surface Water Point: RIVER FFRWDWYLLT Data Type: Point Name: Tata Steel UK Limited Easting: 277150 Northing: 188870	Annual Volume (m³): 2,273,000 Max Daily Volume (m³): 9819.36 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
-	1512m SE	Status: Historical Licence No: 21/58/61/0024 Details: Process Water Direct Source: EAW Surface Water Point: RIVER FFRWDWYLLT Data Type: Point Name: Tata Steel UK Limited Easting: 277150 Northing: 188870	Annual Volume (m³): 2,273,000 Max Daily Volume (m³): 9819.36 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
-	1512m SE	Status: Active Licence No: 21/58/61/0024 Details: Process Water - Medium Direct Source: - Point: - Data Type: Point Name: - Easting: 277150 Northing: 188870	Annual Volume (m³): 2,273,000 Max Daily Volume (m³): - Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	1512m SE	Status: Active Licence No: 21/58/61/0024 Details: Evaporative Cooling - High Direct Source: - Point: - Data Type: Point Name: - Easting: 277150 Northing: 188870	Annual Volume (m³): 2,273,000 Max Daily Volume (m³): - Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -

ID	Location	Details	
-	1534m SE	Status: Historical Licence No: 21/58/61/0012 Details: Non-Evaporative Cooling Direct Source: EAW Surface Water Point: PORT TALBOT DOCKS Data Type: Point Name: Tata Steel UK Limited Easting: 276890 Northing: 188590	Annual Volume (m³): 206,615,700 Max Daily Volume (m³): 590980 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
-	1534m SE	Status: Historical Licence No: 21/58/61/0012 Details: Process Water Direct Source: EAW Surface Water Point: PORT TALBOT DOCKS Data Type: Point Name: Tata Steel UK Limited Easting: 276890 Northing: 188590	Annual Volume (m³): 206,615,700 Max Daily Volume (m³): 590980 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/11/2010 Version End Date: -
-	1534m SE	Status: Active Licence No: 21/58/61/0012 Details: Non Evaporative Cooling - Low Direct Source: - Point: - Data Type: Point Name: - Easting: 276890 Northing: 188590	Annual Volume (m³): 206,615,700 Max Daily Volume (m³): - Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	1534m SE	Status: Active Licence No: 21/58/61/0012 Details: Process Water - Medium Direct Source: - Point: - Data Type: Point Name: - Easting: 276890 Northing: 188590	Annual Volume (m³): 206,615,700 Max Daily Volume (m³): - Original Application No: - Original Start Date: 2010-11-12 00:00:00.0000000 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

0

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

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



5.9 Source Protection Zones

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

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

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

5.10 Source Protection Zones (confined aquifer)

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

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

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

6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

16

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

Features are displayed on the Hydrology map on [page 81](#)

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

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

ID	Location	Type of water feature	Ground level	Permanence	Name
8	131m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
10	165m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

4

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

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

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

4

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

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

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

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

6.4 WFD Surface water bodies

Records identified

2

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

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

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

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

6.5 WFD Groundwater bodies

Records on site

1

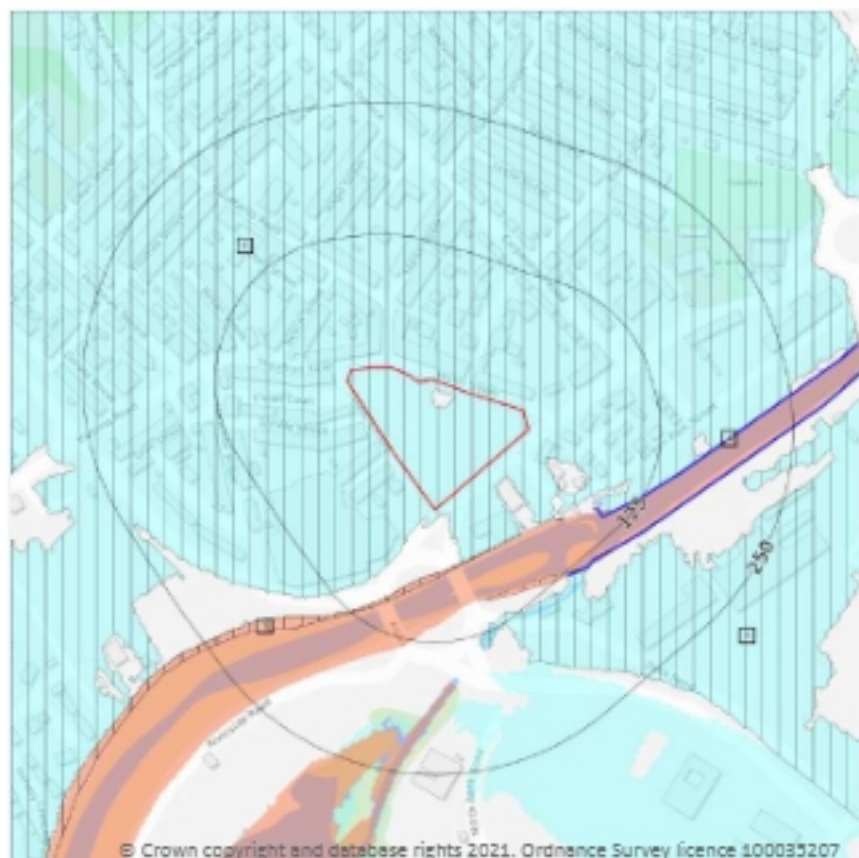
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place.

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

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

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

7 River and coastal flooding



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

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m

1

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

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

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

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

7.2 Historical Flood Events

Records within 250m

0

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

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

7.3 Flood Defences

Records within 250m

2

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

Features are displayed on the River and coastal flooding map on [page 85](#)

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m

86

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

Features are displayed on the River and coastal flooding map on [page 85](#)

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

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

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

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

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

7.5 Flood Storage Areas

Records within 250m
0

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

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

River and coastal flooding - Flood Zones



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

7.6 Flood Zone 2

Records within 50m

1

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

Features are displayed on the River and coastal flooding map on [page 85](#)

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

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

7.7 Flood Zone 3

Records within 50m
1

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

Features are displayed on the River and coastal flooding map on [page 85](#)

Location	Type
On site	Zone 3 - (Fluvial Models)

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

8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

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

1 in 250 return period

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

1 in 100 return period

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

1 in 30 return period

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

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8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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

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

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

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

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.1m and 0.3m

This data is sourced from Ambient Risk Analytics.

9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

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

9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

Low

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

Features are displayed on the Groundwater flooding map on [page 95](#)

This data is sourced from Ambient Risk Analytics.

10 Environmental designations



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

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10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

3

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

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

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

0

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

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

0

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

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

SSSI Impact Zones and Units

10.17 SSSI Impact Risk Zones

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

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

11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

0

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

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

11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

0

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

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

12 Agricultural designations



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

12.1 Agricultural Land Classification

Records within 250m

3

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

Features are displayed on the Agricultural designations map on [page 104](#)

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

This data is sourced from Natural Resources Wales.

12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m

0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

0

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

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



- Site Outline**
- Search buffers in metres (m)
- Full coverage
 - Partial coverage
 - No coverage

14.1 10k Availability

Records within 500m

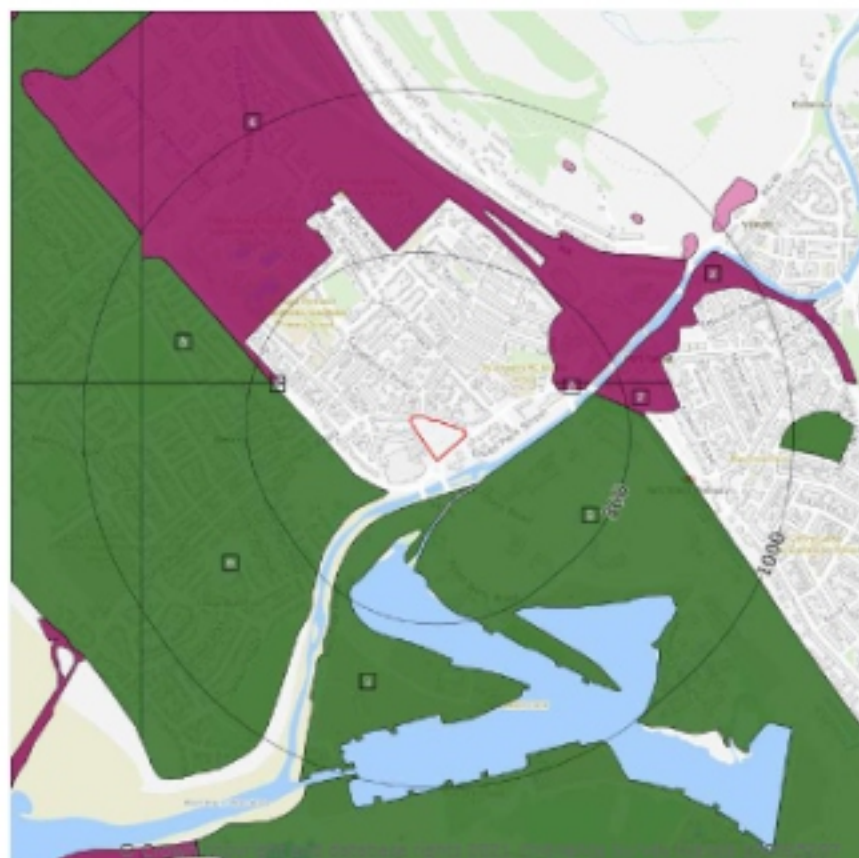
2

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

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

This data is sourced from the British Geological Survey.

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



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

14.2 Artificial and made ground (10k)

Records within 500m

9

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

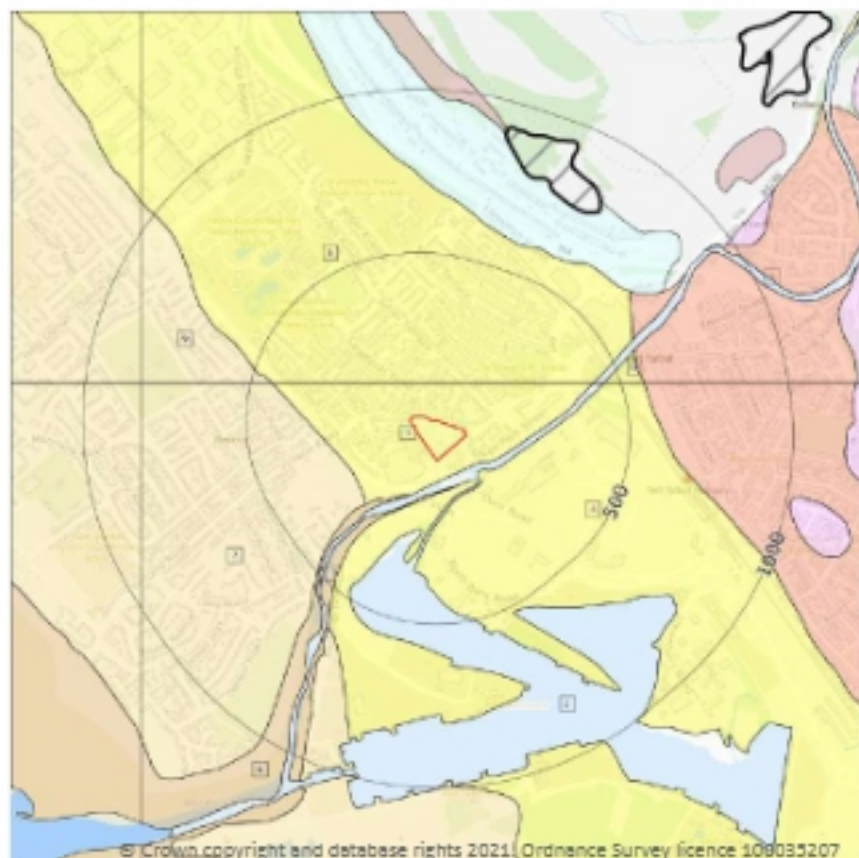
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 108](#)

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

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

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



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

14.3 Superficial geology (10k)

Records within 500m

10

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 110](#)

ID	Location	LEX Code	Description	Rock description
1	On site	TFD-XC25	Tidal Flat Deposits - Clay, Silt And Sand	Clay, Silt And Sand
2	59m SE	SUPNM-UNKNOWN	Superficial Theme Not Mapped [for Digital Map Use Only] - Unknown/unclassified Entry	Unknown/unclassified Entry
3	91m S	BCHD-XSV	Beach Deposits - Sand And Gravel	Sand And Gravel

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

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

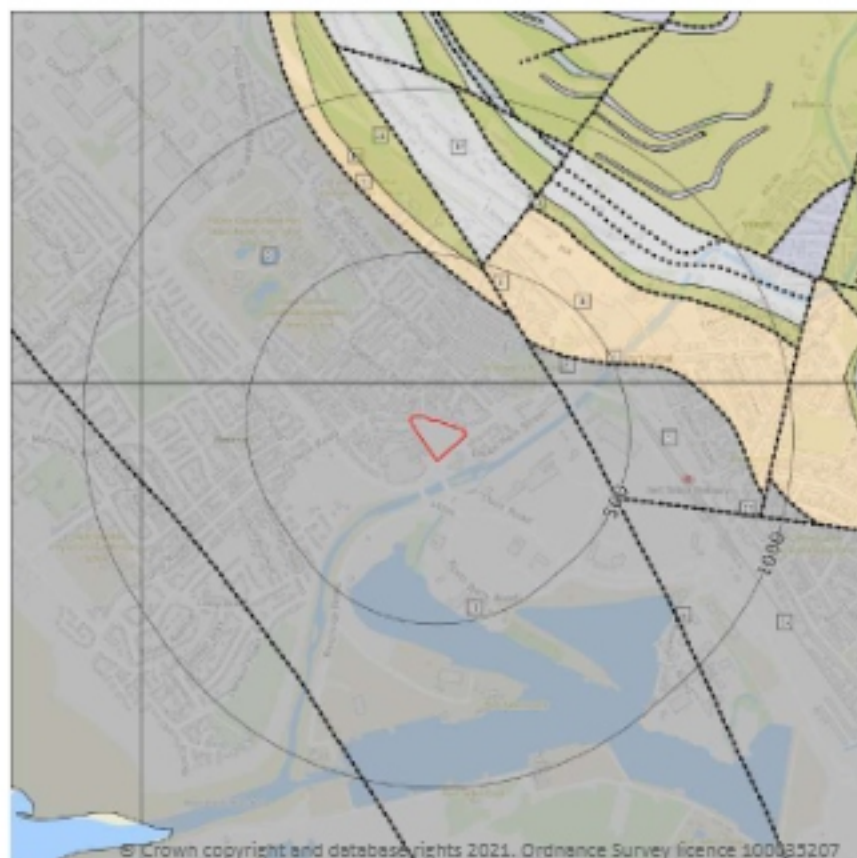
Records within 500m

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

9

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 112](#)

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

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

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

6

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

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

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- ☐ Geological map tile

15.1 50k Availability

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Availability map on [page 114](#)

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW247_swanssea_v4

This data is sourced from the British Geological Survey.