

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

## 6.5 WFD Groundwater bodies

<b>Records on site</b>	<b>2</b>
------------------------	----------

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 60**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Bristol Triassic	<a href="#"><u>GB40902G804800</u></a>	Poor	Poor	Good	2015
A	On site	Bristol Triassic	<a href="#"><u>GB40902G804800</u></a>	Poor	Poor	Good	2016

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

## 7 River and coastal flooding

### 7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m

0

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

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

### 7.2 Historical Flood Events

Records within 250m

0

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

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

### 7.3 Flood Defences

Records within 250m

0

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

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

### 7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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



## 7.5 Flood Storage Areas

Records within 250m

0

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

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



## River and coastal flooding - Flood Zones

### 7.6 Flood Zone 2

Records within 50m

0

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

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

### 7.7 Flood Zone 3

Records within 50m

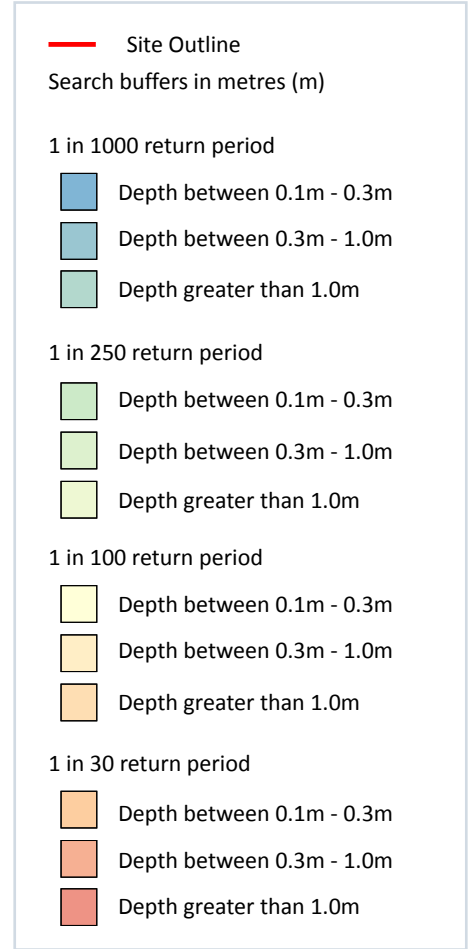
0

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

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



## 8 Surface water flooding



### 8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

1 in 1000 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on **page 66**

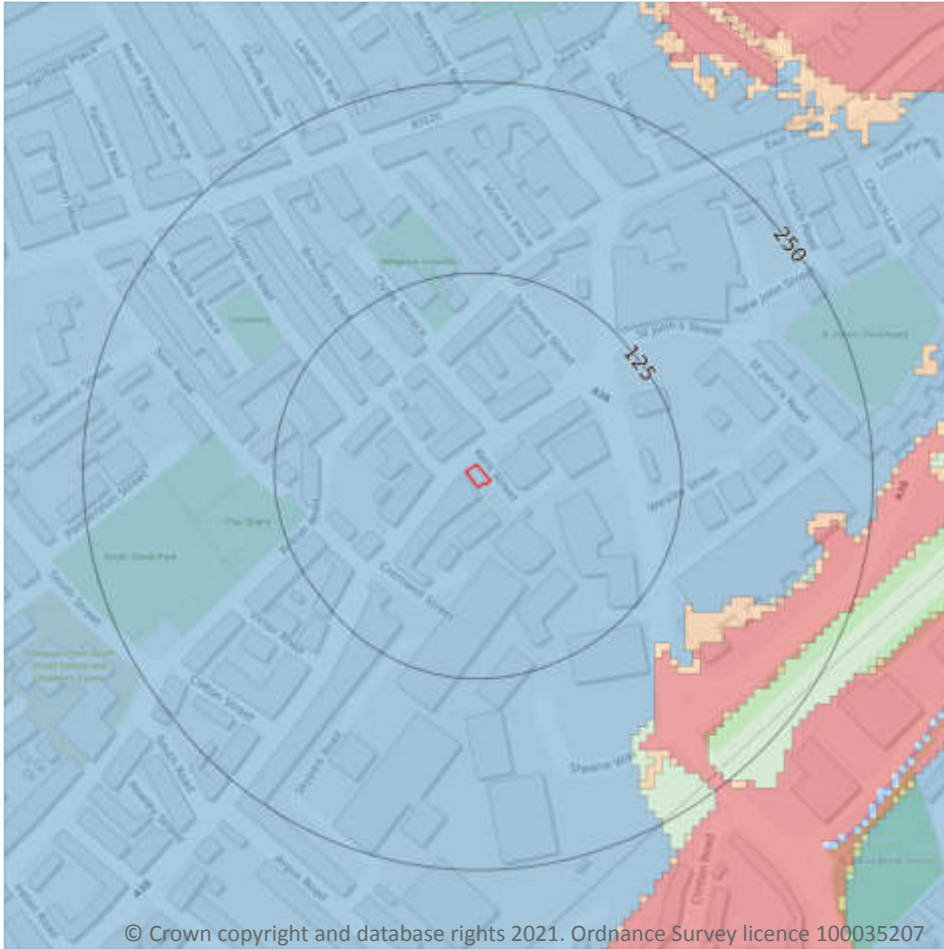
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

*This data is sourced from Ambiental Risk Analytics.*

## 9 Groundwater flooding



### 9.1 Groundwater flooding

**Highest risk on site**

**Negligible**

**Highest risk within 50m**

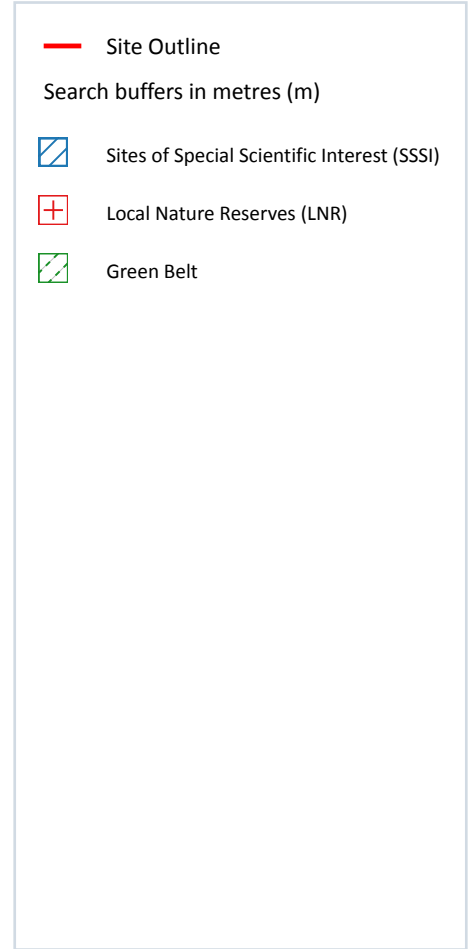
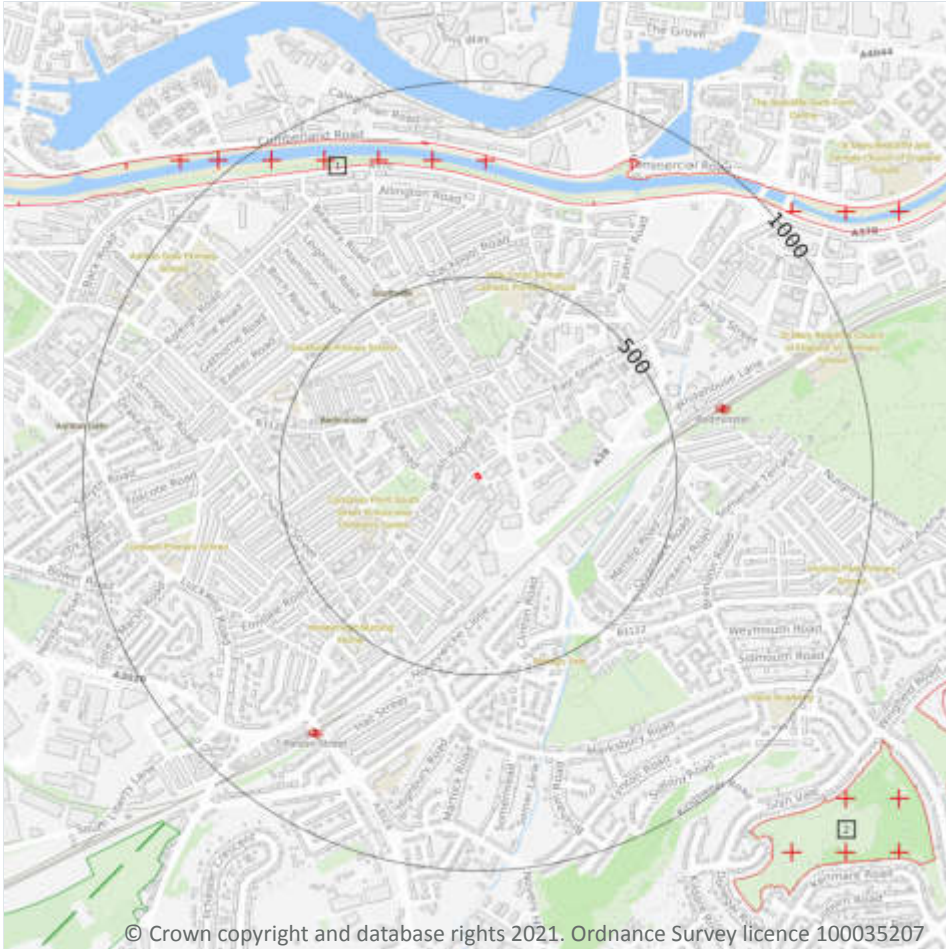
**Negligible**

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 68**

*This data is sourced from Ambiental Risk Analytics.*

## 10 Environmental designations



### 10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on **page 69**

ID	Location	Name	Data source
-	1912m NW	Ashton Court	Natural England



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

## 10.2 Conserved wetland sites (Ramsar sites)

**Records within 2000m**

**0**

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

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

## 10.3 Special Areas of Conservation (SAC)

**Records within 2000m**

**0**

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

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

## 10.4 Special Protection Areas (SPA)

**Records within 2000m**

**0**

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

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

## 10.5 National Nature Reserves (NNR)

**Records within 2000m**

**0**

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

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



## 10.6 Local Nature Reserves (LNR)

Records within 2000m

4

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

Features are displayed on the Environmental designations map on **page 69**

ID	Location	Name	Data source
1	724m N	Avon New Cut	Natural England
2	1134m SE	Northern Slopes	Natural England
4	1256m SE	Northern Slopes	Natural England
-	1479m S	Manor Woods Valley	Natural England

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

## 10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

## 10.8 Biosphere Reserves

Records within 2000m

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

6

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

Features are displayed on the Environmental designations map on **page 69**

ID	Location	Name	Local Authority name
3	1179m SW	Bath and Bristol	Bristol
-	1650m W	Bath and Bristol	Bristol
-	1731m W	Bath and Bristol	Bristol
-	1920m NW	Bath and Bristol	North Somerset
-	1938m W	Bath and Bristol	North Somerset
-	1995m W	Bath and Bristol	North Somerset

*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.

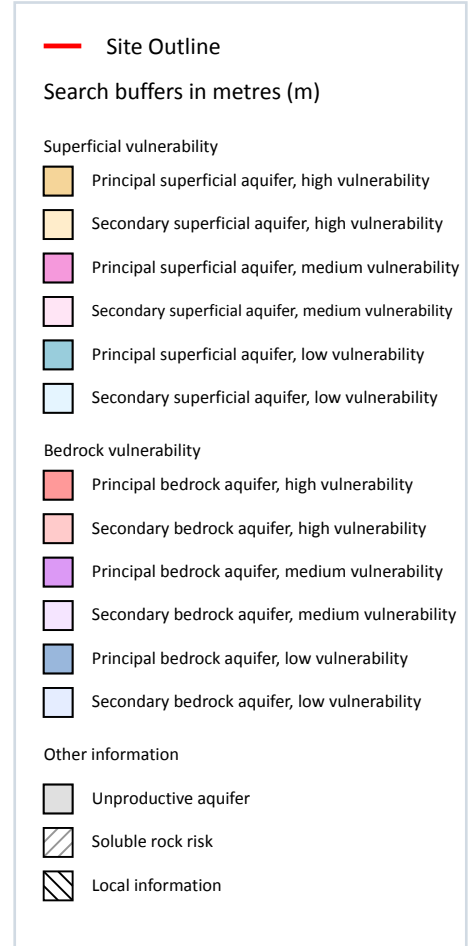
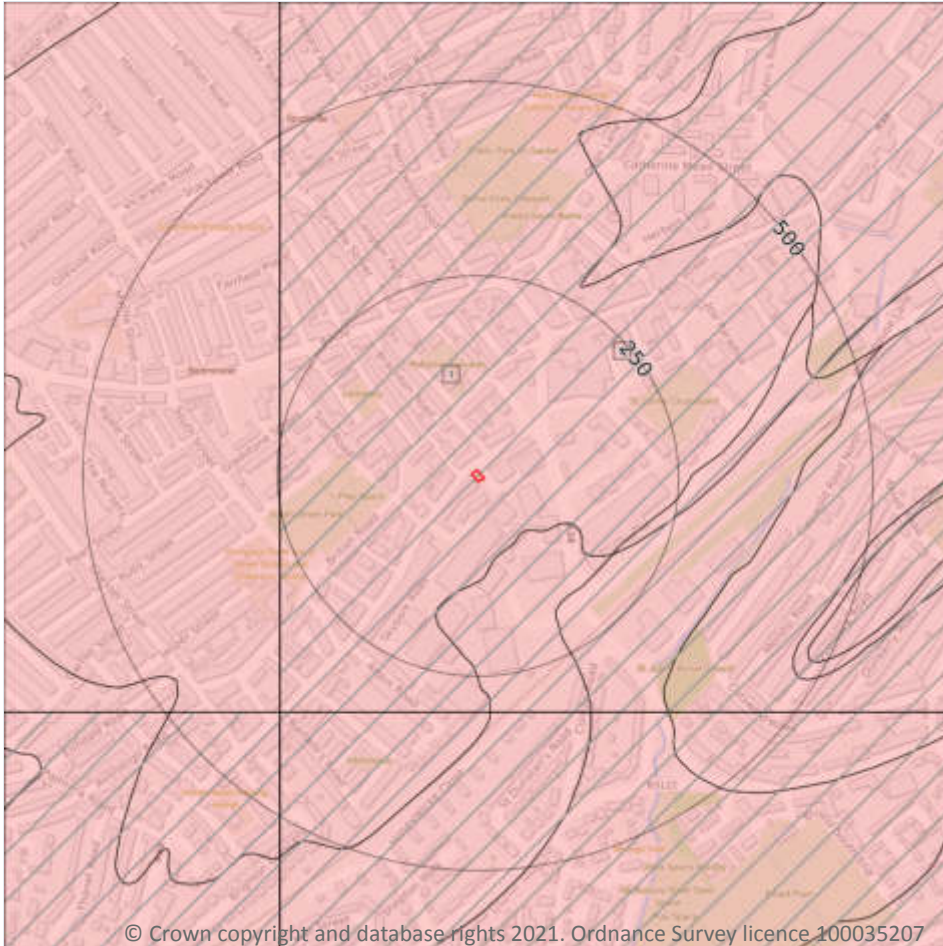
*This data is sourced from Natural England and Natural Resources Wales.*



ID	Location	Designation	Description
A	457m SE	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
A	471m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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

## Groundwater vulnerability



### 5.3 Groundwater vulnerability

Records within 50m

1

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

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

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

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Intermediate <b>Infiltration value:</b> <40% <b>Dilution value:</b> 300-550mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> 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

<b>Records on site</b>	<b>1</b>
------------------------	----------

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

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
2	<b>Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.</b>	<b>4.0%</b>

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

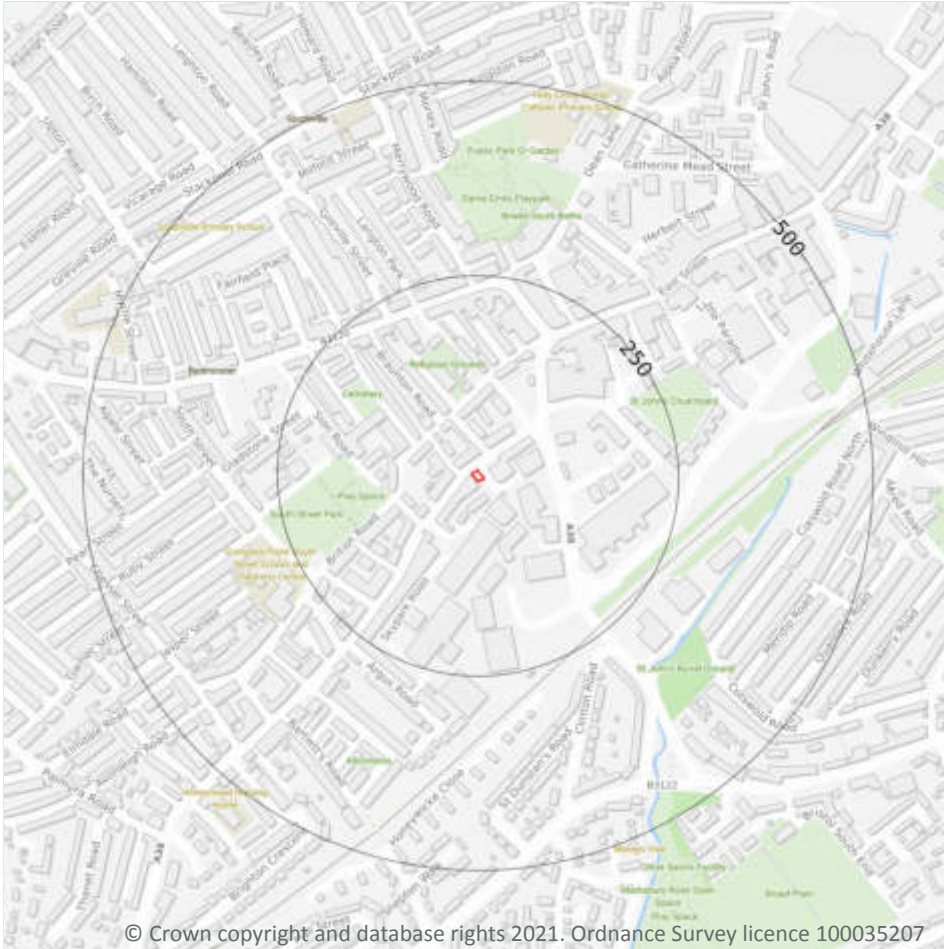
## 5.5 Groundwater vulnerability- local information

<b>Records on site</b>	<b>0</b>
------------------------	----------

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

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

## Abstractions and Source Protection Zones



### 5.6 Groundwater abstractions

Records within 2000m

3

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

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



ID	Location	Details	
-	1649m N	Status: Historical Licence No: SW/053/0002/002 Details: Water Bottling Direct Source: Ground Water - Fresh Point: JACOBS WELL Data Type: Point Name: JACOBS WELLS WATER LIMITED Easting: 357697 Northing: 172864	Annual Volume (m <sup>3</sup> ): 50000 Max Daily Volume (m <sup>3</sup> ): 200 Original Application No: - Original Start Date: 31/03/2011 Expiry Date: 31/03/2017 Issue No: 2 Version Start Date: 01/04/2013 Version End Date: -
-	1649m N	Status: Historical Licence No: SW/053/0002/007 Details: Water Bottling Direct Source: Ground Water - Fresh Point: JACOBS WELL Data Type: Point Name: Antomarst Limited Easting: 357697 Northing: 172864	Annual Volume (m <sup>3</sup> ): 50000 Max Daily Volume (m <sup>3</sup> ): 200 Original Application No: - Original Start Date: 10/09/2014 Expiry Date: 31/03/2017 Issue No: 2 Version Start Date: 01/07/2015 Version End Date: -
-	1888m NE	Status: Historical Licence No: 17/53/001/G/102 Details: Non-Evaporative Cooling Direct Source: Ground Water - Fresh Point: BOREHOLE BATH STREET BRISTOL Data Type: Point Name: J G Bristol Ltd Easting: 359120 Northing: 172990	Annual Volume (m <sup>3</sup> ): 265490 Max Daily Volume (m <sup>3</sup> ): 727.37 Original Application No: - Original Start Date: 24/03/1966 Expiry Date: - Issue No: 103 Version Start Date: 17/10/2003 Version End Date: -

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

## 5.7 Surface water abstractions

### Records within 2000m

**16**

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

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



ID	Location	Details	
-	952m N	Status: Active Licence No: 17/53/001/S/427 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface Water - Fresh Point: FLOATING HARBOUR (LLOYDS BANK) Data Type: Point Name: Lloyds Bank Plc Easting: 358340 Northing: 172260	Annual Volume (m <sup>3</sup> ): 2,000,000 Max Daily Volume (m <sup>3</sup> ): 10,000 Original Application No: - Original Start Date: 22/06/1990 Expiry Date: - Issue No: 100 Version Start Date: 22/06/1990 Version End Date: -
-	965m N	Status: Active Licence No: 17/53/001/S/427 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface Water - Fresh Point: FLOATING HARBOUR (LLOYDS BANK 2) Data Type: Point Name: Lloyds Bank Plc Easting: 358370 Northing: 172270	Annual Volume (m <sup>3</sup> ): 2,000,000 Max Daily Volume (m <sup>3</sup> ): 10,000 Original Application No: - Original Start Date: 22/06/1990 Expiry Date: - Issue No: 100 Version Start Date: 22/06/1990 Version End Date: -
-	990m N	Status: Active Licence No: SW/053/0002/009 Details: Heat Pump Direct Source: Surface Water - Fresh Point: FLOATING HARBOUR - BRISTOL HARBOURSIDE Data Type: Point Name: Bank Of Scotland PLC Easting: 358200 Northing: 172300	Annual Volume (m <sup>3</sup> ): 5,280,941 Max Daily Volume (m <sup>3</sup> ): 14,429 Original Application No: - Original Start Date: 11/01/2018 Expiry Date: 31/03/2029 Issue No: 3 Version Start Date: 02/01/2019 Version End Date: -
-	1000m N	Status: Active Licence No: SW/053/0002/009 Details: Heat Pump Direct Source: Surface Water - Fresh Point: FLOATING HARBOUR - BRISTOL HARBOURSIDE Data Type: Point Name: Bank Of Scotland PLC Easting: 358179 Northing: 172309	Annual Volume (m <sup>3</sup> ): 5,280,941 Max Daily Volume (m <sup>3</sup> ): 14,429 Original Application No: - Original Start Date: 11/01/2018 Expiry Date: 31/03/2029 Issue No: 3 Version Start Date: 02/01/2019 Version End Date: -
-	1001m N	Status: Historical Licence No: 17/53/001/S/466 Details: General Use Relating To Secondary Category (Low Loss) Direct Source: Surface Water - Fresh Point: FLOATING HARBOUR - BRISTOL HARBOURSIDE Data Type: Point Name: Clerical Medical Investment Group Ltd Easting: 358180 Northing: 172310	Annual Volume (m <sup>3</sup> ): 5,280,940.80 Max Daily Volume (m <sup>3</sup> ): 14656.8 Original Application No: - Original Start Date: 16/03/2004 Expiry Date: 31/03/2017 Issue No: 103 Version Start Date: 31/08/2007 Version End Date: -



ID	Location	Details	
-	1001m N	Status: Historical Licence No: 17/53/001/S/466 Details: Non-Evaporative Cooling Direct Source: Surface Water - Fresh Point: FLOATING HARBOUR - BRISTOL HARBOURSIDE Data Type: Point Name: Clerical Medical Investment Group Ltd Easting: 358180 Northing: 172310	Annual Volume (m <sup>3</sup> ): 5,280,940.80 Max Daily Volume (m <sup>3</sup> ): 14656.8 Original Application No: - Original Start Date: 16/03/2004 Expiry Date: 31/03/2017 Issue No: 103 Version Start Date: 31/08/2007 Version End Date: -
-	1181m N	Status: Historical Licence No: 17/53/001/S/472 Details: Non-Evaporative Cooling Direct Source: Surface Water - Fresh Point: FLOATING HARBOUR BRISTOL- SERVING PURIFIER HSE & BUILDING 1 Data Type: Point Name: Serviced Apartment Company Ltd Easting: 357940 Northing: 172450	Annual Volume (m <sup>3</sup> ): 45922 Max Daily Volume (m <sup>3</sup> ): 637 Original Application No: - Original Start Date: 07/01/2008 Expiry Date: 31/03/2017 Issue No: 101 Version Start Date: 07/01/2008 Version End Date: -
-	1244m NW	Status: Historical Licence No: 17/53/001/S/468 Details: Lake & Pond Throughflow Direct Source: Surface Water - Fresh Point: BRISTOL FLOATING HARBOUR - DOCK FEED Data Type: Point Name: SS Great Britain Trust Easting: 357730 Northing: 172440	Annual Volume (m <sup>3</sup> ): 359949 Max Daily Volume (m <sup>3</sup> ): 1371 Original Application No: - Original Start Date: 21/09/2005 Expiry Date: 31/03/2017 Issue No: 101 Version Start Date: 21/09/2005 Version End Date: -
-	1244m NW	Status: Historical Licence No: 17/53/001/S/468 Details: Non-Evaporative Cooling Direct Source: Surface Water - Fresh Point: BRISTOL FLOATING HARBOUR - DOCK FEED Data Type: Point Name: SS Great Britain Trust Easting: 357730 Northing: 172440	Annual Volume (m <sup>3</sup> ): 359949 Max Daily Volume (m <sup>3</sup> ): 1371 Original Application No: - Original Start Date: 21/09/2005 Expiry Date: 31/03/2017 Issue No: 101 Version Start Date: 21/09/2005 Version End Date: -
-	1245m NW	Status: Active Licence No: 17/53/001/S/468/R01 Details: Lake & Pond Throughflow Direct Source: Surface Water - Fresh Point: BRISTOL FLOATING HARBOUR - DOCK FEED Data Type: Point Name: The Trustees of SS Great Britain Trust Easting: 357738 Northing: 172445	Annual Volume (m <sup>3</sup> ): 359,949 Max Daily Volume (m <sup>3</sup> ): 1,371 Original Application No: - Original Start Date: 01/04/2017 Expiry Date: 31/03/2029 Issue No: 1 Version Start Date: 01/04/2017 Version End Date: -



ID	Location	Details	
-	1245m NW	Status: Active Licence No: 17/53/001/S/468/R01 Details: Non-Evaporative Cooling Direct Source: Surface Water - Fresh Point: BRISTOL FLOATING HARBOUR - DOCK FEED Data Type: Point Name: The Trustees of SS Great Britain Trust Easting: 357738 Northing: 172445	Annual Volume (m <sup>3</sup> ): 359,949 Max Daily Volume (m <sup>3</sup> ): 1,371 Original Application No: - Original Start Date: 01/04/2017 Expiry Date: 31/03/2029 Issue No: 1 Version Start Date: 01/04/2017 Version End Date: -
-	1327m N	Status: Historical Licence No: 17/53/001/S/458 Details: General Use Relating To Secondary Category (Low Loss) Direct Source: Surface Water - Fresh Point: FLOATING HARBOUR RIVER AVON Data Type: Point Name: The Blue Reef Leisure Company Limited Easting: 358530 Northing: 172610	Annual Volume (m <sup>3</sup> ): 550549 Max Daily Volume (m <sup>3</sup> ): 2301.5 Original Application No: - Original Start Date: 25/05/1999 Expiry Date: - Issue No: 102 Version Start Date: 23/03/2009 Version End Date: -
-	1327m N	Status: Historical Licence No: 17/53/001/S/458 Details: Non-Evaporative Cooling Direct Source: Surface Water - Fresh Point: FLOATING HARBOUR RIVER AVON Data Type: Point Name: The Blue Reef Leisure Company Limited Easting: 358530 Northing: 172610	Annual Volume (m <sup>3</sup> ): 550549 Max Daily Volume (m <sup>3</sup> ): 2301.5 Original Application No: - Original Start Date: 25/05/1999 Expiry Date: - Issue No: 102 Version Start Date: 23/03/2009 Version End Date: -
-	1588m N	Status: Historical Licence No: 17/53/001/S/428 Details: Water Bottling Direct Source: Surface Water - Fresh Point: JACOBS WELL Data Type: Point Name: Jacobs Wells Spring Water Easting: 357700 Northing: 172800	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 19/01/1989 Expiry Date: - Issue No: 100 Version Start Date: 19/01/1989 Version End Date: -
-	1648m N	Status: Historical Licence No: 17/53/001/S/428 Details: Water Bottling Direct Source: Surface Water - Fresh Point: JACOBS WELL Data Type: Point Name: Eugenia Springs Limited Easting: 357690 Northing: 172860	Annual Volume (m <sup>3</sup> ): 50000 Max Daily Volume (m <sup>3</sup> ): 200 Original Application No: - Original Start Date: 19/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2001 Version End Date: -



ID	Location	Details	
-	1995m NE	Status: Active Licence No: SW/053/0002/011 Details: Heat Pump Direct Source: Surface Water - Fresh Point: BRISTOL FROME FLOATING HARBOUR Data Type: Point Name: BRISTOL CITY COUNCIL Easting: 359241 Northing: 173046	Annual Volume (m <sup>3</sup> ): 4,512,276 Max Daily Volume (m <sup>3</sup> ): 12,363 Original Application No: - Original Start Date: 09/12/2020 Expiry Date: 31/03/2029 Issue No: 1 Version Start Date: 09/12/2020 Version End Date: -

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

## 5.8 Potable abstractions

### Records within 2000m

4

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.

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

ID	Location	Details	
-	1588m N	Status: Historical Licence No: 17/53/001/S/428 Details: Water Bottling Direct Source: Surface Water - Fresh Point: JACOBS WELL Data Type: Point Name: Jacobs Wells Spring Water Easting: 357700 Northing: 172800	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 19/01/1989 Expiry Date: - Issue No: 100 Version Start Date: 19/01/1989 Version End Date: -
-	1648m N	Status: Historical Licence No: 17/53/001/S/428 Details: Water Bottling Direct Source: Surface Water - Fresh Point: JACOBS WELL Data Type: Point Name: Eugenia Springs Limited Easting: 357690 Northing: 172860	Annual Volume (m <sup>3</sup> ): 50000 Max Daily Volume (m <sup>3</sup> ): 200 Original Application No: - Original Start Date: 19/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2001 Version End Date: -



ID	Location	Details	
-	1649m N	Status: Historical Licence No: SW/053/0002/002 Details: Water Bottling Direct Source: Ground Water - Fresh Point: JACOBS WELL Data Type: Point Name: JACOBS WELLS WATER LIMITED Easting: 357697 Northing: 172864	Annual Volume (m <sup>3</sup> ): 50000 Max Daily Volume (m <sup>3</sup> ): 200 Original Application No: - Original Start Date: 31/03/2011 Expiry Date: 31/03/2017 Issue No: 2 Version Start Date: 01/04/2013 Version End Date: -
-	1649m N	Status: Historical Licence No: SW/053/0002/007 Details: Water Bottling Direct Source: Ground Water - Fresh Point: JACOBS WELL Data Type: Point Name: Antomarst Limited Easting: 357697 Northing: 172864	Annual Volume (m <sup>3</sup> ): 50000 Max Daily Volume (m <sup>3</sup> ): 200 Original Application No: - Original Start Date: 10/09/2014 Expiry Date: 31/03/2017 Issue No: 2 Version Start Date: 01/07/2015 Version End Date: -

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

## 5.9 Source Protection Zones

<b>Records within 500m</b>	<b>0</b>
----------------------------	----------

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)

<b>Records within 500m</b>	<b>0</b>
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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.*

## 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 39**

ID	Location	Company	Address	Operational status	Tier
13	479m SE	British Gas	British Gas, Malagohouse, Bedminsterroad, BRISTOL	Historical NIHHS Site	-

*This data is sourced from the Health and Safety Executive.*

## 4.7 Regulated explosive sites

Records within 500m

0

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

*This data is sourced from the Health and Safety Executive.*

## 4.8 Hazardous substance storage/usage

Records within 500m

0

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

*This data is sourced from Local Authority records.*

#### 4.9 Historical licensed industrial activities (IPC)

Records within 500m

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

0

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.

*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

7

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 39**



ID	Location	Address	Details	
E	159m NE	EAST STREET CSO, 168 EAST STREET, BEDMINSTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 102898 Permit Version: 2 Receiving Water: SHEENE ROAD CULVERT	Status: VARIED UNDER EPR 2010 Issue date: 15/06/2020 Effective Date: 15/06/2020 Revocation Date: -
E	166m NE	EAST STREET CSO, 168 EAST STREET, BEDMINSTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 011270 Permit Version: 1 Receiving Water: RIVER MALAGO	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/09/1989 Revocation Date: 31/05/2005
G	238m N	BEDMINSTER STORM OVERFLOW, JCN NORTH ST & MERRYWOOD RD, BEDMINSTER, BRISTOL, AVON, BS3 1HW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 021514 Permit Version: 1 Receiving Water: TRIB OF RIVER AVON (S)	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: - Effective Date: 23/08/1971 Revocation Date: 31/03/2002
12	415m SE	ST JOHNS LANE CSO, LOWER KNOWLE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 101671 Permit Version: 1 Receiving Water: THE MALAGO (S)	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 29/11/2001 Effective Date: 31/03/2002 Revocation Date: 21/04/2013
I	437m W	MYRTLE STREET CSO, MYRTLE STREET LOCKED-UP GARAGES	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 011267 Permit Version: 1 Receiving Water: RIVER MALAGO	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 12/09/1989 Revocation Date: 15/03/2007
J	468m SE	BEDMINSTER RD CYCLE TRACK CSO, NEAR 14/15 LOWER KNOYLE, MALAGO, BRISTOL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 101670 Permit Version: 1 Receiving Water: THE MALAGO (S)	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 29/11/2001 Effective Date: 31/03/2002 Revocation Date: -
J	477m SE	BEDMINSTER RD CYCLE TRACK CSO, NEAR 14/15 LOWER KNOYLE, MALAGO, BRISTOL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 011817 Permit Version: 1 Receiving Water: TRIB OF RIVER AVON	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: - Effective Date: 12/09/1989 Revocation Date: 31/03/2002

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
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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
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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
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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
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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	11
---------------------	----

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 39**

ID	Location	Details	
F	172m S	Incident Date: 09/05/2003 Incident Identification: 157067 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
4	204m SE	Incident Date: 20/11/2002 Incident Identification: 122070 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)
H	309m NE	Incident Date: 22/05/2001 Incident Identification: 6260 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
H	309m NE	Incident Date: 21/04/2001 Incident Identification: 2921 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
9	325m SE	Incident Date: 18/06/2015 Incident Identification: 1346501 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 1 (Major) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
10	342m NE	Incident Date: 11/06/2003 Incident Identification: 165110 Pollutant: Inert Materials and Wastes:Specific Waste Materials:Specific Waste Materials:Specific Waste Materials Pollutant Description: Construction and Demolition Materials and Wastes:Household Waste:Metal Wastes:Other Specific Waste Material	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
11	386m SE	Incident Date: 22/05/2003 Incident Identification: 160135 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
I	452m W	Incident Date: 11/06/2001 Incident Identification: 8476 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
I	452m W	Incident Date: 11/06/2001 Incident Identification: 8476 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)








## 2 Past land use - un-grouped



**Site Outline**

Search buffers in metres (m)

-  Historical industrial land uses
-  Historical tanks
-  Historical energy features
-  Historical petrol stations
-  Historical garages

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### 2.1 Historical industrial land uses

**Records within 500m** **148**

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

Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
B	38m SE	Iron Works	1938	1229040
B	61m SE	Disused Colliery	1905	1267260
B	63m SE	Brick and Tile Works	1930	1233723

ID	Location	Land Use	Date	Group ID
B	63m SE	Brick and Tile Works	1913	1233723
B	63m SE	Iron Works	1938	1271277
B	64m SE	Disused Colliery	1902	1267260
B	64m SE	Brick and Tile Works	1913	1233723
B	68m SE	Iron Works	1938	1229040
B	73m SE	Unspecified Ground Workings	1938	1227583
B	74m SE	Unspecified Ground Workings	1938	1198615
B	74m SE	Unspecified Ground Workings	1930	1231030
B	74m SE	Unspecified Ground Workings	1913	1231030
B	81m SE	Unspecified Ground Workings	1938	1244854
B	91m S	Unspecified Works	1963	1265996
B	91m S	Unspecified Works	1955	1265996
B	97m S	Unspecified Ground Workings	1902	1223977
B	98m S	Unspecified Works	1967	1267904
C	108m E	Iron Works	1913	1217413
B	109m S	Unspecified Ground Workings	1905	1201625
C	123m SE	Brick and Tile Works	1883	1197696
C	126m SE	Brick and Tile Works	1887	1197696
1	141m E	Engine Works	1887	1166185
B	154m S	Brick Works	1887	1246361
B	159m S	Unspecified Pit	1883	1186419
B	159m S	Brick Works	1883	1246361
B	162m S	Unspecified Ground Workings	1938	1255302
B	162m SW	Brick and Tile Works	1905	1203887
B	173m SE	Railway Sidings	1905	1246509
B	176m SE	Railway Sidings	1902	1246509
B	177m SE	Brick and Tile Works	1902	1252543
B	178m S	Refuse Heap	1902	1236711



ID	Location	Land Use	Date	Group ID
B	179m S	Refuse Heap	1905	1236711
B	182m S	Unspecified Ground Workings	1887	1209305
E	185m SE	Brick Kiln	1887	1212081
E	186m SE	Brick Kiln	1883	1212081
C	207m SE	Unspecified Kiln	1883	1219499
C	209m SE	Unspecified Kiln	1887	1219499
F	212m NE	Grave Yard	1973	1170771
B	214m SE	Railway Sidings	1930	1232947
B	214m SE	Railway Sidings	1913	1232947
B	216m SE	Railway Sidings	1938	1210216
B	216m SE	Railway Sidings	1938	1255138
B	219m SE	Railway Sidings	1883	1242151
B	222m SE	Railway Sidings	1938	1226632
B	222m SE	Railway Sidings	1913	1267942
B	230m SW	Colliery	1887	1266643
G	233m SE	Railway Sidings	1990	1257110
G	233m SE	Railway Sidings	1973	1259199
H	250m SE	Unspecified Works	1938	1253561
H	250m SE	Unspecified Works	1902	1203791
H	250m SE	Unspecified Works	1905	1203791
H	250m SE	Unspecified Works	1938	1253561
I	254m E	Iron Works	1930	1247682
I	254m E	Iron Works	1913	1247682
H	256m SE	Unspecified Heap	1930	1194396
H	256m SE	Unspecified Heap	1913	1194396
H	256m SE	Unspecified Works	1930	1190897
H	256m SE	Unspecified Works	1913	1190897
I	258m E	Iron Works	1902	1208914



ID	Location	Land Use	Date	Group ID
H	260m SE	Umber, Barytes, Ochre and Oxides Works	1887	1258659
I	261m E	Iron Works	1905	1243479
I	261m E	Engine Works	1883	1166186
H	262m SE	Unspecified Heap	1938	1268059
J	262m N	Colliery	1902	1253875
B	262m S	Colliery	1883	1266643
J	262m N	Colliery	1905	1221039
H	263m SE	Unspecified Heap	1905	1246313
H	263m SE	Umber, Barytes, Ochre and Oxides Works	1883	1258659
H	263m SE	Unspecified Works	1938	1271976
H	263m SE	Unspecified Works	1913	1207730
H	266m SE	Unspecified Heap	1938	1194396
H	266m SE	Unspecified Heap	1913	1194396
J	266m N	Colliery	1887	1198517
G	272m S	Railway Sidings	1963	1230081
G	272m S	Railway Sidings	1955	1230081
J	281m N	Refuse Heap	1905	1225157
G	281m S	Railway Sidings	1967	1213355
J	290m N	Refuse Heap	1902	1238751
K	291m SE	Volunteer Rifle Range	1883	1241149
J	292m N	Colliery	1883	1210180
J	292m N	Unspecified Heap	1883	1198324
G	293m S	Brick Works	1883	1253827
G	294m S	Brick Works	1887	1253827
J	298m N	Unspecified Heap	1887	1198324
H	304m SE	Refuse Heap	1905	1178451
K	307m S	Rifle Range	1887	1248684
J	317m N	Refuse Heap	1902	1249449



ID	Location	Land Use	Date	Group ID
O	325m SE	Cemetery	1930	1260006
O	325m SE	Cemetery	1913	1260006
O	325m SE	Cemetery	1905	1250837
O	327m SE	Cemetery	1990	1213680
O	327m SE	Cemetery	1973	1213680
O	327m SE	Cemetery	1963	1264146
O	327m SE	Cemetery	1955	1264146
O	327m SE	Cemetery	1883	1222659
O	327m SE	Cemetery	1938	1245889
O	329m SE	Cemetery	1938	1264146
O	329m SE	Cemetery	1902	1250837
O	330m SE	Cemetery	1887	1250837
O	330m SE	Cemetery	1938	1264146
O	330m SE	Cemetery	1913	1232412
O	331m SE	Cemetery	1967	1246878
B	336m S	Magazine	1887	1177457
G	338m S	Unspecified Pit	1883	1246358
G	341m S	Unspecified Ground Workings	1887	1239907
P	347m NW	Unspecified Works	1887	1271679
P	350m NW	Unspecified Works	1883	1271679
K	351m S	Rifle Range	1913	1217702
J	354m N	Unspecified Tank	1963	1232538
J	354m N	Unspecified Tank	1955	1232538
J	355m N	Unspecified Shafts	1887	1165430
J	361m N	Unspecified Ground Workings	1887	1160966
G	365m S	Cuttings	1905	1228407
G	370m S	Cuttings	1930	1242555
G	370m S	Cuttings	1913	1242555





ID	Location	Land Use	Date	Group ID
G	373m S	Cuttings	1938	1201610
G	375m S	Cuttings	1883	1233721
G	376m S	Cuttings	1938	1201610
G	376m S	Cuttings	1902	1228407
J	376m N	Unspecified Shafts	1883	1165432
K	376m S	Rifle Range	1930	1217702
G	378m S	Cuttings	1938	1201610
G	378m S	Cuttings	1913	1228407
G	378m S	Unspecified Pit	1913	1202043
J	378m N	Unspecified Shafts	1887	1165431
G	380m S	Unspecified Pit	1905	1202043
Q	386m SW	Sawmill	1883	1193566
J	387m N	Lime Kilns	1887	1164039
Q	388m SW	Sawmill	1887	1193566
G	391m S	Unspecified Pit	1938	1194436
G	394m S	Cuttings	1887	1271658
G	397m S	Unspecified Ground Workings	1930	1223041
J	405m N	Lime Kilns	1887	1242919
J	407m N	Lime Kilns	1883	1242919
X	419m SE	Unspecified Heap	1883	1233829
X	432m SE	Unspecified Heap	1883	1219454
X	433m SE	Unspecified Heap	1887	1233829
G	456m S	Cuttings	1930	1258832
G	459m S	Cuttings	1913	1258832
K	464m SE	Rifle Range	1902	1199267
6	465m SE	Unspecified Heap	1883	1163038
K	467m SE	Rifle Range	1905	1226969
Z	471m S	Unspecified Works	1990	1259739



ID	Location	Land Use	Date	Group ID
Z	471m S	Unspecified Works	1973	1259739
7	471m N	Unspecified Ground Workings	1913	1160965
K	471m SE	Rifle Range	1883	1246727
K	495m SE	Unspecified Ground Workings	1938	1232777
8	496m SE	Unspecified Works	1990	1178994

This data is sourced from Ordnance Survey / Groundsure.

## 2.2 Historical tanks

**Records within 500m**

**40**

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

Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
A	77m W	Tanks	1983	191226
A	78m W	Tanks	1966	191226
A	78m W	Tanks	1966	191226
B	193m S	Unspecified Tank	1952	173743
3	225m NE	Unspecified Tank	1964	173740
B	234m S	Unspecified Tank	1885	188132
B	235m S	Unspecified Tank	1885	181966
B	235m S	Unspecified Tank	1885	180057
B	236m S	Tanks	1948	185065
B	236m S	Unspecified Tank	1952	173739
B	236m S	Tanks	1948	185065
B	241m S	Tanks	1948	185681
B	242m S	Unspecified Tank	1948	189643
B	242m S	Tanks	1948	185681
B	242m S	Unspecified Tank	1948	189643



ID	Location	Land Use	Date	Group ID
B	242m S	Unspecified Tank	1952	189643
B	247m S	Unspecified Tank	1952	173738
H	286m SE	Tanks	1952	182694
H	286m SE	Tanks	1948	190865
H	286m SE	Tanks	1948	186995
H	288m SE	Unspecified Tank	1948	192629
H	288m SE	Unspecified Tank	1948	192629
B	322m S	Unspecified Tank	1983	192850
B	322m S	Unspecified Tank	1989	183459
B	323m S	Unspecified Tank	1963	186984
B	323m S	Unspecified Tank	1947	182696
J	368m N	Unspecified Tank	1885	173742
G	379m S	Unspecified Tank	1885	173720
G	381m S	Unspecified Tank	1885	191667
G	381m S	Unspecified Tank	1885	191667
G	403m S	Unspecified Tank	1963	182347
G	403m S	Unspecified Tank	1947	182347
G	409m S	Unspecified Tank	1993	184630
G	410m S	Unspecified Tank	1983	184630
G	410m S	Unspecified Tank	1989	184630
R	430m NE	Unspecified Tank	1990	173737
R	455m NE	Unspecified Tank	1969	189342
R	455m NE	Unspecified Tank	1948	189342
Y	490m NE	Unspecified Tank	1948	186190
Y	490m NE	Unspecified Tank	1948	186190

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



## 2.3 Historical energy features

### Records within 500m

**47**

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 23**

ID	Location	Land Use	Date	Group ID
D	130m W	Electricity Substation	1983	103483
D	130m W	Electricity Substation	1989	103483
D	130m W	Electricity Substation	1996	108570
D	131m W	Electricity Substation	1966	103483
2	154m NE	Electricity Substation	1996	97815
N	301m SW	Electricity Substation	1996	112239
N	304m SW	Electricity Substation	1983	112704
N	304m SW	Electricity Substation	1989	112704
N	305m SW	Electricity Substation	1948	112704
N	305m SW	Electricity Substation	1952	112704
F	310m E	Electricity Substation	1996	97816
N	310m SW	Electricity Substation	1948	97822
4	310m W	Electricity Substation	1975	97809
5	346m S	Electricity Substation	1993	97821
S	372m NE	Electricity Substation	1992	97814
S	387m NE	Electricity Substation	1964	112116
O	388m SE	Electricity Substation	1989	100245
O	388m SE	Electricity Substation	1989	101115
S	388m NE	Electricity Substation	1983	112116
S	388m NE	Electricity Substation	1989	112116
O	389m SE	Electricity Substation	1996	100537
S	389m NE	Electricity Substation	1973	103536
S	389m NE	Electricity Substation	1994	105446



ID	Location	Land Use	Date	Group ID
S	389m NE	Electricity Substation	1990	105446
S	389m NE	Electricity Substation	1983	105446
S	389m NE	Electricity Substation	1982	105446
S	389m NE	Electricity Substation	1989	105446
S	389m NE	Electricity Substation	1989	105446
T	403m N	Electricity Works	1948	109860
T	404m N	Electricity Works	1948	109860
U	412m NE	Electricity Substation	1983	109759
U	412m NE	Electricity Substation	1989	109759
U	412m NE	Electricity Substation	1992	109759
V	413m N	Electricity Substation	1992	107126
V	415m N	Electricity Substation	1983	107126
V	415m N	Electricity Substation	1989	107126
U	418m NE	Electricity Substation	1964	97813
Y	448m NE	Electricity Substation	1973	109562
Y	448m NE	Electricity Substation	1983	109562
Y	448m NE	Electricity Substation	1982	109562
Y	448m NE	Electricity Substation	1989	109562
Y	448m NE	Electricity Substation	1989	109562
Y	449m NE	Electricity Substation	1990	105901
Y	461m NE	Electricity Substation	1994	101118
AB	494m W	Electricity Substation	1992	97808
AB	495m W	Electricity Transformer	1975	104346
AB	496m W	Electricity Transformer	1989	104346

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



## 2.4 Historical petrol stations

Records within 500m

1

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'.

Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
L	297m NW	Filling Station	1989	1999

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

## 2.5 Historical garages

Records within 500m

50

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 23**

ID	Location	Land Use	Date	Group ID
A	23m W	Garage	1996	34230
A	23m W	Garage	1983	36284
A	23m W	Garage	1989	36284
A	46m W	Garage	1966	35915
A	46m W	Garage	1966	35915
A	95m SW	Garage	1983	35339
A	95m SW	Garage	1989	35339
A	96m SW	Garage	1996	35339
A	99m SW	Garage	1983	36878
A	99m SW	Garage	1989	36878
A	101m SW	Garage	1996	36878
A	101m SW	Garage	1966	36659
A	101m SW	Garage	1966	36659



ID	Location	Land Use	Date	Group ID
A	101m SW	Garage	1948	36659
A	101m SW	Garage	1952	36659
A	102m SW	Garage	1966	35074
A	102m SW	Garage	1966	35074
L	293m NW	Garage	1968	34882
M	299m NE	Garage	1992	35981
L	299m NW	Garage	1964	34882
M	300m NE	Garage	1983	35981
M	300m NE	Garage	1989	35981
L	325m NW	Garage	1948	34731
L	325m NW	Garage	1948	34731
Q	361m SW	Garage	1975	36767
Q	361m SW	Garage	1964	36767
Q	362m SW	Garage	1968	34412
R	364m NE	Garage	1983	36319
R	364m NE	Garage	1982	36319
R	364m NE	Garage	1989	36319
R	364m NE	Garage	1989	36319
R	370m NE	Garage	1973	35561
R	377m NE	Garage	1964	35561
R	381m NE	Garage	1982	35929
R	381m NE	Garage	1989	35929
R	381m NE	Garage	1989	35929
R	381m NE	Garage	1969	34671
W	414m W	Garage	1992	35496
W	414m W	Garage	1975	35496
W	416m W	Garage	1989	33718
W	417m W	Garage	1968	33668



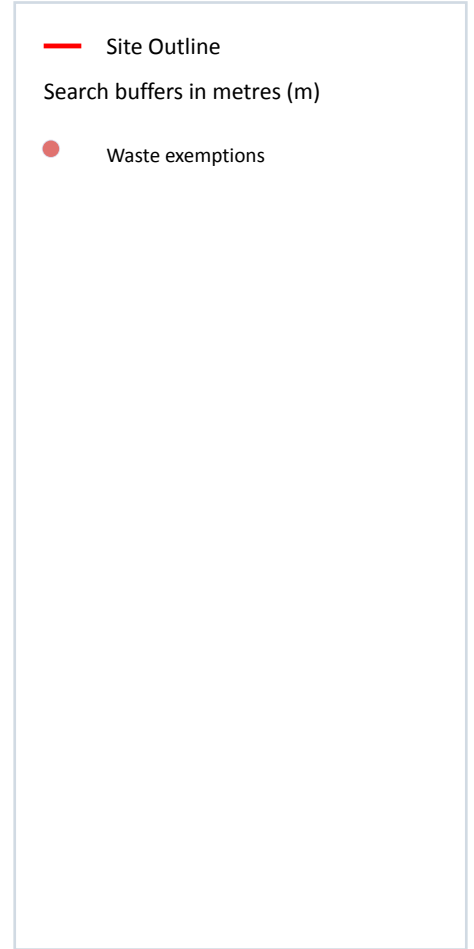
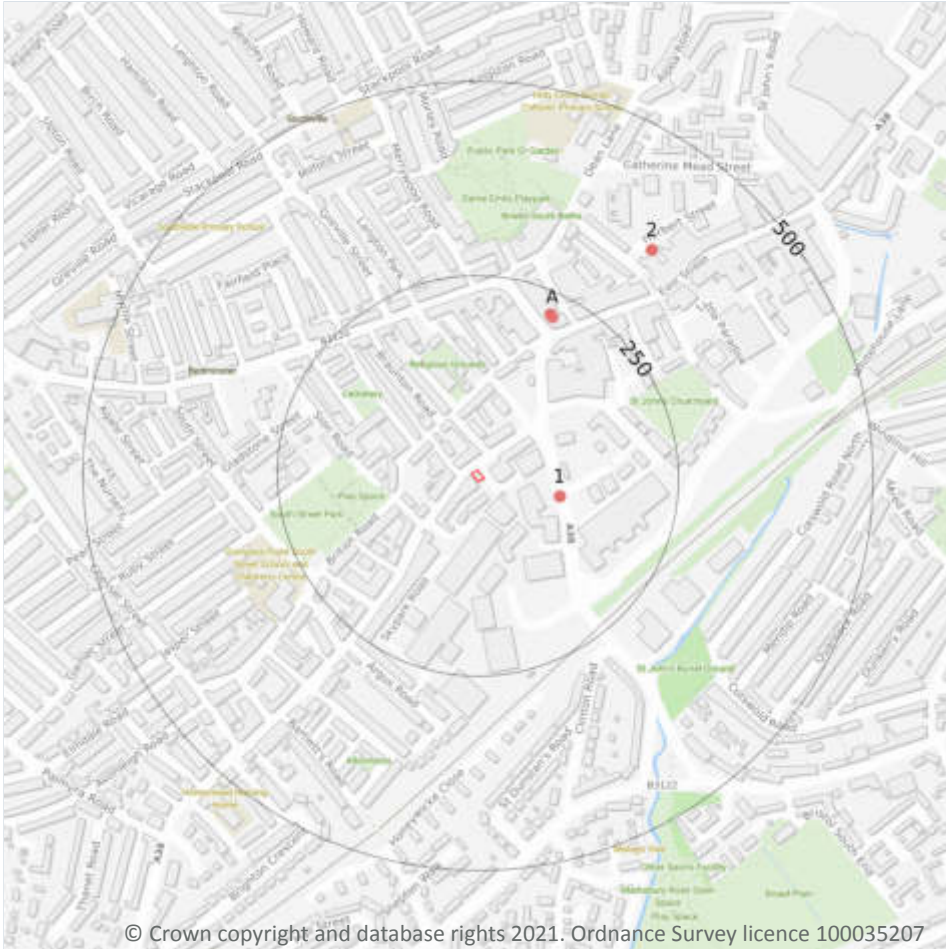
ID	Location	Land Use	Date	Group ID
R	419m NE	Garage	1989	35711
R	419m NE	Garage	1983	35711
R	419m NE	Garage	1982	35711
R	420m NE	Garage	1973	33589
R	420m NE	Garage	1990	33785
R	420m NE	Garage	1994	32751
W	421m W	Garage	1964	34267
AA	480m NE	Garage	1952	36151
AA	480m NE	Garage	1948	36151

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





## 3 Waste and landfill



### 3.1 Active or recent landfill

Records within 500m

0

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

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

### 3.2 Historical landfill (BGS records)

Records within 500m

0

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

*This data is sourced from the British Geological Survey.*

### 3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

### 3.4 Historical landfill (EA/NRW records)

Records within 500m

0

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

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

### 3.5 Historical waste sites

Records within 500m

0

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

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

### 3.6 Licensed waste sites

Records within 500m

0

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

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

### 3.7 Waste exemptions

Records within 500m

5

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 36**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	99m E	Pilning Community Pharmacy Northwick Road BRISTOL BS35 4JF	EPR/HF0634Q M/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal

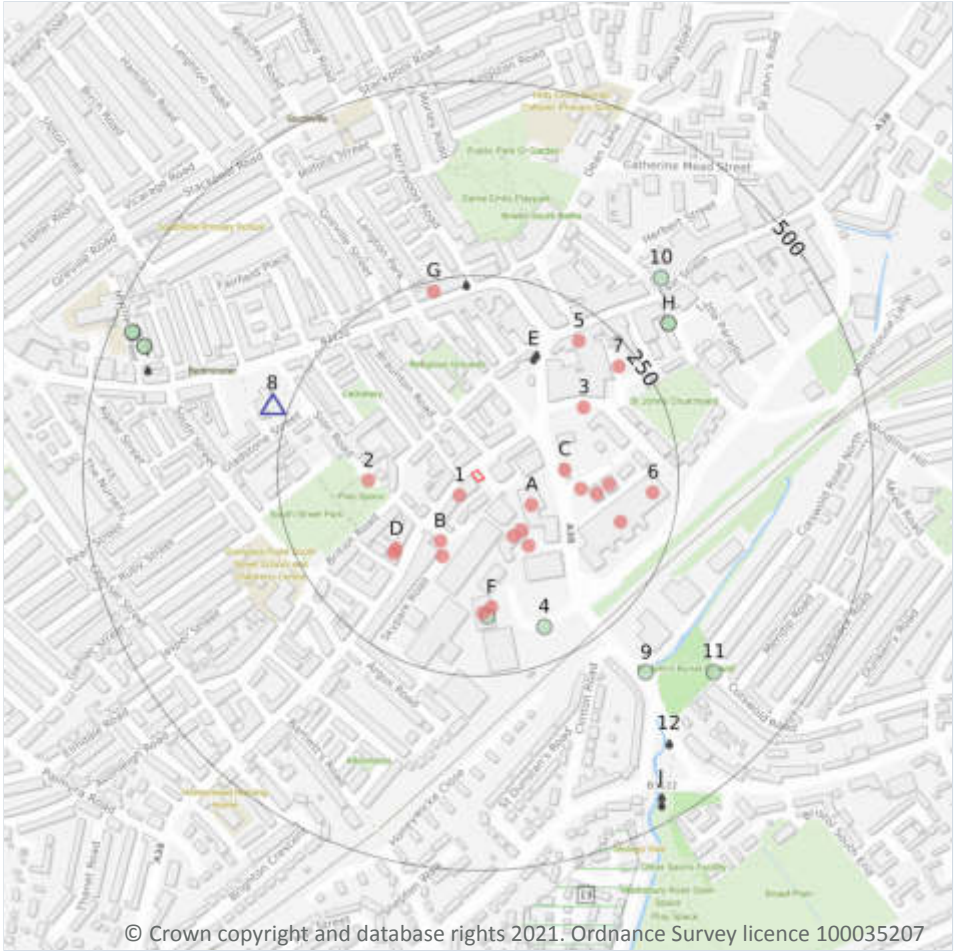


ID	Location	Site	Reference	Category	Sub-Category	Description
A	219m NE	4-6, CANNON STREET, BEDMINSTER, BRISTOL, BS3 1BN	WEX209544	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	219m NE	4-6, CANNON STREET, BEDMINSTER, BRISTOL, BS3 1BN	WEX044660	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	220m NE	Bedminster Pharmacy 4-6 Cannon Street Bristol BS3 1BN	EPR/DE5080A D/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
2	361m NE	1, HERBERT STREET, BRISTOL, BS3 1BE	WEX071494	Storing waste exemption	Not on a farm	Storage of waste in a secure place

*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
- ◆ Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

### 4.1 Recent industrial land uses

**Records within 250m** **22**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 39**

ID	Location	Company	Address	Activity	Category
1	30m SW	Jamieson Auto Engineers Ltd	39-41, West Street, Bedminster, Bristol, Bristol, BS3 3NS	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	70m SE	Elite Automotive Services Ltd	Unit 3, Sheene Road, Bristol, Bristol, BS3 4EG	Vehicle Repair, Testing and Servicing	Repair and Servicing

ID	Location	Company	Address	Activity	Category
A	83m SE	British Welding Equipment	Unit 4 Sheene Court Industrial Estate, Sheene Road, Bristol, Bristol, BS3 4EG	Tools Including Machine Shops	Industrial Products
A	83m SE	GB Motorcross Ltd	Unit 3 Sheene Court Industrial Estate, Sheene Road, Bristol, Bristol, BS3 4EG	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	91m SW	M & M Deliveries	27, Cromwell Street, Bristol, Bristol, BS3 3NT	Distribution and Haulage	Transport, Storage and Delivery
A	103m SE	Sheene Court Industrial Estate	Bristol, BS3	Business Parks and Industrial Estates	Industrial Features
C	104m E	IMO - arc Clean Car Centres	Sheene Road, Bristol, Bristol, BS3 4EG	Vehicle Cleaning Services	Personal, Consumer and Other Services
B	106m SW	Electricity Sub Stations	Bristol, BS3	Electrical Features	Infrastructure and Facilities
C	125m E	Electricity Sub Station	Bristol, BS3	Electrical Features	Infrastructure and Facilities
2	133m W	Electricity Sub Station	Bristol, BS3	Electrical Features	Infrastructure and Facilities
D	136m SW	Bristol Beds	72, West Street, Bedminster, Bristol, Bristol, BS3 3LL	Beds and Bedding	Consumer Products
D	141m SW	Bristol Beds	72-74, West Street, Bedminster, Bristol, Bristol, BS3 3LL	Beds and Bedding	Consumer Products
C	146m E	Telephone Exchange	Bristol, BS3	Telecommunications Features	Infrastructure and Facilities
3	157m NE	Electricity Sub Station	Bristol, BS3	Electrical Features	Infrastructure and Facilities
C	161m E	Telephone Exchange	Bristol, BS3	Telecommunications Features	Infrastructure and Facilities
F	162m S	One Stop Cleaning Shop	Unit 3 Bedminster Trade Park, Sheene Way, Bedminster, Bristol, Bristol, BS3 4TA	Cleaning Equipment and Supplies	Industrial Products
F	169m S	Avon Services Ltd	Unit 3 Bedminster Trade Park, Sheene Way, Bedminster, Bristol, Bristol, BS3 4TA	Cleaning Equipment and Supplies	Industrial Products
C	184m E	Kwik-Fit (GB) Limited	Unit 3, Malago Road, Bristol, Bristol, BS3 4JQ	Vehicle Repair, Testing and Servicing	Repair and Servicing

