

ID	Location	Site	Reference	Category	Sub-Category	Description
A	14m SE	unit 12a Merton Road BRISTOL BS7 8TL	EPR/HF0704U G/A001	Storing waste exemption	Non- Agricultura l Waste Only	Storage of waste in a secure place
A	15m SE	South West 9 Body Shop, Merton Road, Bristol, Somerset, BS7 8TL	NRW- WME059842	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	15m SE	South West 9 Body Shop, Merton Road, Bristol, Somerset, BS7 8TL	NRW- WME059842	Storing waste exemption	On a farm	Storage of waste in a secure place
B	220m N	1, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX280033	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	245m N	1B, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX087365	Disposing of waste exemption	Not on a farm	Disposal by incineration
B	245m N	1B, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX087365	Storing waste exemption	Not on a farm	Storage of waste in secure containers
B	245m N	1B, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX087365	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	245m N	1B, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX087365	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	258m N	1A, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX238235	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	258m N	1A, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX092418	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	258m N	GLOUCESTER ROAD MEDICAL CENTRE 1B, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX231427	Treating waste exemption	Not on a Farm	Sorting and de-naturing of controlled drugs for disposal
B	258m N	GLOUCESTER ROAD MEDICAL CENTRE 1B, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX231427	Disposing of waste exemption	Not on a Farm	Disposal by incineration



ID	Location	Site	Reference	Category	Sub-Category	Description
B	258m N	GLOUCESTER ROAD MEDICAL CENTRE 1B, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX231427	Storing waste exemption	Not on a Farm	Storage of waste in secure containers
B	258m N	GLOUCESTER ROAD MEDICAL CENTRE 1B, CHURCH ROAD, HORFIELD, BRISTOL, BS7 8SA	WEX231427	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
C	316m SE	97-99, ASHLEY DOWN ROAD, BRISTOL, BS7 9JT	WEX232634	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
C	316m SE	97-99, ASHLEY DOWN ROAD, BRISTOL, BS7 9JT	WEX087151	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	352m SW	Life Cycle HUB at HMP Bristol, Cambridge Road, Bristol, BS7 8PS	WEX127718	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	352m SW	Life Cycle HUB at HMP Bristol, Cambridge Road, Bristol, BS7 8PS	WEX127718	Treating waste exemption	Not on a farm	Manual treatment of waste
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Using waste exemption	Not on a Farm	Use of waste for a specified purpose
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Using waste exemption	Not on a Farm	Spreading waste on non- agricultural land to confer benefit
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Preparatory treatments (baling, sorting, shredding etc)
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Using waste exemption	Not on a Farm	Spreading of plant matter to confer benefit
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Using waste exemption	Not on a Farm	Use of mulch
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Using waste exemption	Not on a Farm	Spreading waste on agricultural land to confer benefit
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Cleaning, washing, spraying or coating relevant waste



ID	Location	Site	Reference	Category	Sub-Category	Description
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Recovery of textiles
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Manual treatment of waste
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Sorting and de-naturing of controlled drugs for disposal
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Recovery of scrap metal
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Sorting mixed waste
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Storing waste exemption	Not on a Farm	Storage of waste in secure containers
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Treatment of kitchen waste in a wormery
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Treatment of waste food
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Treatment of waste toner cartridges by sorting, dismantling, cleaning or refilling
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Physical treatment of waste edible oil and fat to produce biodiesel
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Treatment of waste aerosol cans
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Aerobic composting and associated prior treatment

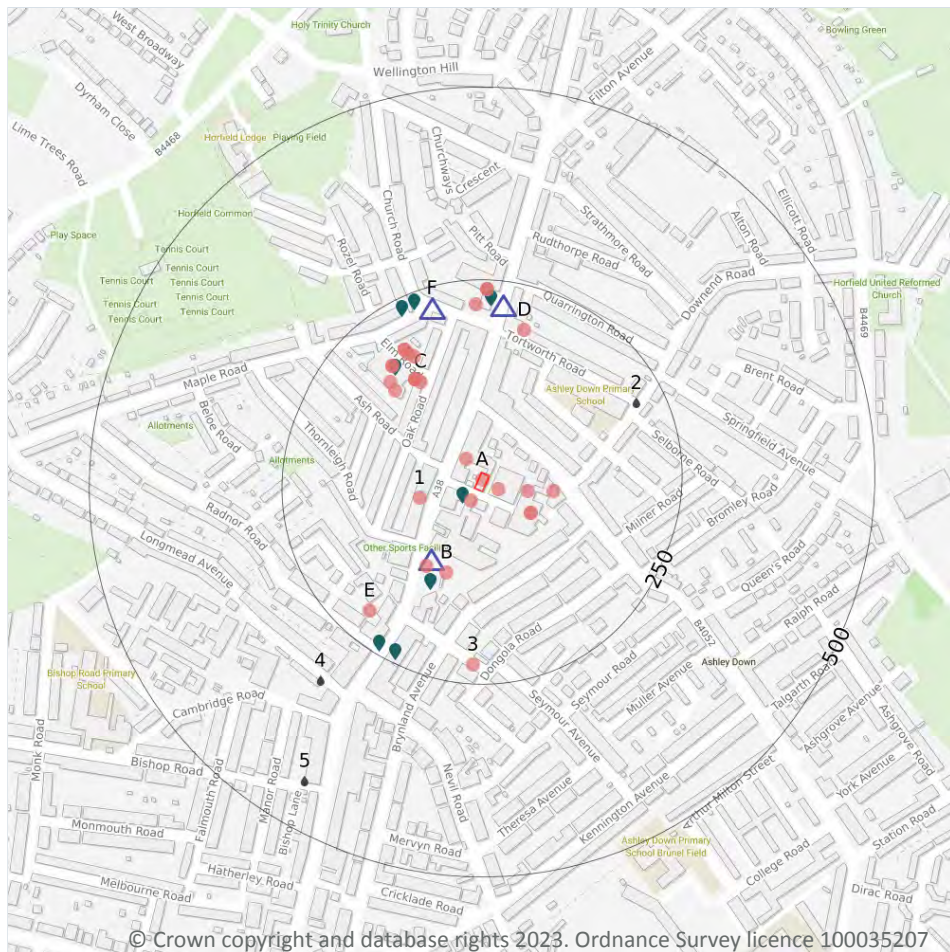


ID	Location	Site	Reference	Category	Sub-Category	Description
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Screening and blending of waste
D	354m SW	HMP BRISTOL, 19 CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX156739	Treating waste exemption	Not on a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	354m SW	CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX110346	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	387m SW	CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX235015	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
E	387m SW	CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX251929	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	387m SW	CAMBRIDGE ROAD, BRISTOL, BS7 8PS	WEX167526	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
1	421m SW	-	WEX266010	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

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
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters

4.1 Recent industrial land uses

Records within 250m

29

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 28**

ID	Location	Company	Address	Activity	Category
A	On site	Screen One T Shirts	2, Merton Road, Bishopston, Bristol, Bristol, BS7 8TL	Clothing, Components and Accessories	Consumer Products
A	16m SW	Electricity Sub Station	Bristol, BS7	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
A	17m SE	Mode Body Craft	Unit 20b, Merton Road, Bristol, Bristol, BS7 8TL	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	27m NW	Sign-a-rama	377, Gloucester Road, Horfield, Bristol, Bristol, BS7 8TN	Signs	Industrial Products
A	53m E	R G S Auto Electrical	13a, Ashley Down Road, Bishopston, Bristol, Bristol, BS7 9JN	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	69m SE	Stones Autos Ltd	Unit 6, Merton Road, Bishopston, Bristol, Bristol, BS7 8TL	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	69m SE	Ashley Garage Ltd	Unit 19, Merton Road, Bishopston, Bristol, Bristol, BS7 8TL	Vehicle Repair, Testing and Servicing	Repair and Servicing
1	73m W	Europa Blinds	328, Gloucester Road, Horfield, Bristol, Bristol, BS7 8TJ	Curtains and Blinds	Consumer Products
A	86m E	Ashley Down Plastics	35, Ashley Down Road, Bishopston, Bristol, Bristol, BS7 9JN	Construction Completion Services	Construction Services
B	115m S	Public Recycling Facility	Bristol, BS7	Recycling Centres	Infrastructure and Facilities
B	118m SW	Mast (Telecommunication)	Bristol, BS7	Telecommunications Features	Infrastructure and Facilities
C	142m NW	Mockingbird Press	Unit 6.1 74, Oak Road, Bishopston, Bristol, Bristol, BS7 8RZ	Published Goods	Industrial Products
C	149m NW	Motogo	Unit 6.6, 74 Oak Road, Bristol, Bristol, BS7 8RZ	Secondhand Vehicles	Motoring
C	149m NW	P C Motors	76, Oak Road, Bishopston, Bristol, Bristol, BS7 8RZ	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	149m NW	Jarrett & Smith	76, Oak Road, Bishopston, Bristol, Bristol, BS7 8RZ	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	154m NW	Chimney	Bristol, BS7	Chimneys	Industrial Features
C	167m NW	Tyrone's Garage	Unit 7 2-14, Elm Road, Bishopston, Bristol, Bristol, BS7 8RJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	174m NW	Pc Motors	1, Elm Road, Bishopston, Bristol, Bristol, BS7 8RJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	180m NW	P C Motors	Unit 1a 2-14, Elm Road, Bishopston, Bristol, Bristol, BS7 8RJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	180m NW	P D Cars	2-14, Elm Road, Bishopston, Bristol, Bristol, BS7 8RJ	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
C	181m NW	Pd Cars Bristol	5, Elm Road, Bishopston, Bristol, Bristol, BS7 8RJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	188m NW	Pete Robson Motor Cycles	7, Elm Road, Bishopston, Bristol, Bristol, BS7 8RJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	188m NW	Tyrone's Garage	7, Elm Road, Bishopston, Bristol, Bristol, BS7 8RJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	193m N	Electricity Sub Station	Bristol, BS7	Electrical Features	Infrastructure and Facilities
E	209m SW	D & S Auto Repairs	1a, Radnor Road, Bishopston, Bristol, Bristol, BS7 8QS	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	218m N	Mfg Gloucester Road	410-422, Gloucester Road, Horfield, Bristol, Bristol, BS7 8TX	Vehicle Cleaning Services	Personal, Consumer and Other Services
3	225m S	Electricity Sub Station	Bristol, BS7	Electrical Features	Infrastructure and Facilities
D	238m N	Shell	410-424, Gloucester Road, Horfield, Bristol, Bristol, BS7 8TX	Petrol and Fuel Stations	Road and Rail
D	238m N	Shell Car Wash	410-424, Gloucester Road, Horfield, Bristol, Bristol, BS7 8TX	Vehicle Cleaning Services	Personal, Consumer and Other Services

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

3

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 28**

ID	Location	Company	Address	LPG	Status
B	109m SW	UNBRANDED	329, Gloucester Road, Horfield, Bristol, Bristol, City Of, BS7 8PE	Not Applicable	Obsolete
D	218m N	SHELL	410-422, Gloucester Road, Horfield, Bristol, Bristol, City Of, BS7 8TX	No	Open
F	222m N	UNBRANDED	16-20, Church Road, Horfield, Bristol, Bristol, City Of, BS7 8SA	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**0**

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.

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

8

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 28**

ID	Location	Address	Details	
A	18m SW	Sovereign Motors, Merton Road, Horfield, Bristol, BS7 8TL	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcement Notice Date of enforcement: No Enforcement Notice Comment: No Enforcement Notice
B	134m SW	Esso Premier, 329 Gloucester Road, BS7 8PE	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notice Date of enforcement: No Enforcement Notice Comment: No Enforcement Notice



ID	Location	Address	Details	
C	177m NW	PD Cars, Unit 2 Elm Road, Bishopston, BS7 8RJ	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcement Notice Date of enforcement: No Enforcement Notice Comment: No Enforcement Notice
D	226m N	Motor Fuel Group, Gloucester Road Service Station, 410-422 Gloucester Road, Horfield, Bristol, BS7 8TX	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notice Date of enforcement: No Enforcement Notice Comment: No Enforcement Notice
E	235m SW	Wash & Go Launderette, 307 Gloucester Road, Bishopston, Bristol, BS7 8PE	Process: Dry Cleaning Status: Historic Permit Permit Type: Part B	Enforcement: No Enforcement Notice Date of enforcement: No Enforcement Notice Comment: No Enforcement Notice
E	236m SW	D & S Auto Repairs, 1A Radnor Road, Horfield, Bristol, BS7 8QS	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcement Notice Date of enforcement: No Enforcement Notice Comment: No Enforcement Notice
F	237m NW	Elf, 410-422 Gloucester Road, Bristol, BS7 8TX	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notice Date of enforcement: No Enforcement Notice Comment: No Enforcement Notice
F	237m N	SD & KV Stone, 16-20 Church Road, BS7 8SA	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notice Date of enforcement: No Enforcement Notice Comment: No Enforcement Notice

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0
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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

3

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 28**

ID	Location	Address	Details	
2	212m NE	TORTWORTH ROAD, SIDE 11 DOWNEND ROAD, BRISTOL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 011076 Permit Version: 1 Receiving Water: UNKNOWN	Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: - Effective Date: 12/09/1989 Revocation Date: 21/03/2010
4	320m SW	OUTSIDE 2 LONGMEAD AVENUE, BRISTOL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 011015 Permit Version: 1 Receiving Water: UNKNOWN	Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: - Effective Date: 12/09/1989 Revocation Date: 25/04/2000
5	439m SW	BISHOP ROAD, SIDE 214 GLOUCESTER ROAD, BRISTOL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 011014 Permit Version: 1 Receiving Water: UNKNOWN	Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: - Effective Date: 12/09/1989 Revocation Date: 25/04/2000

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**0**

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

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

5.1 Superficial aquifer

Records within 500m

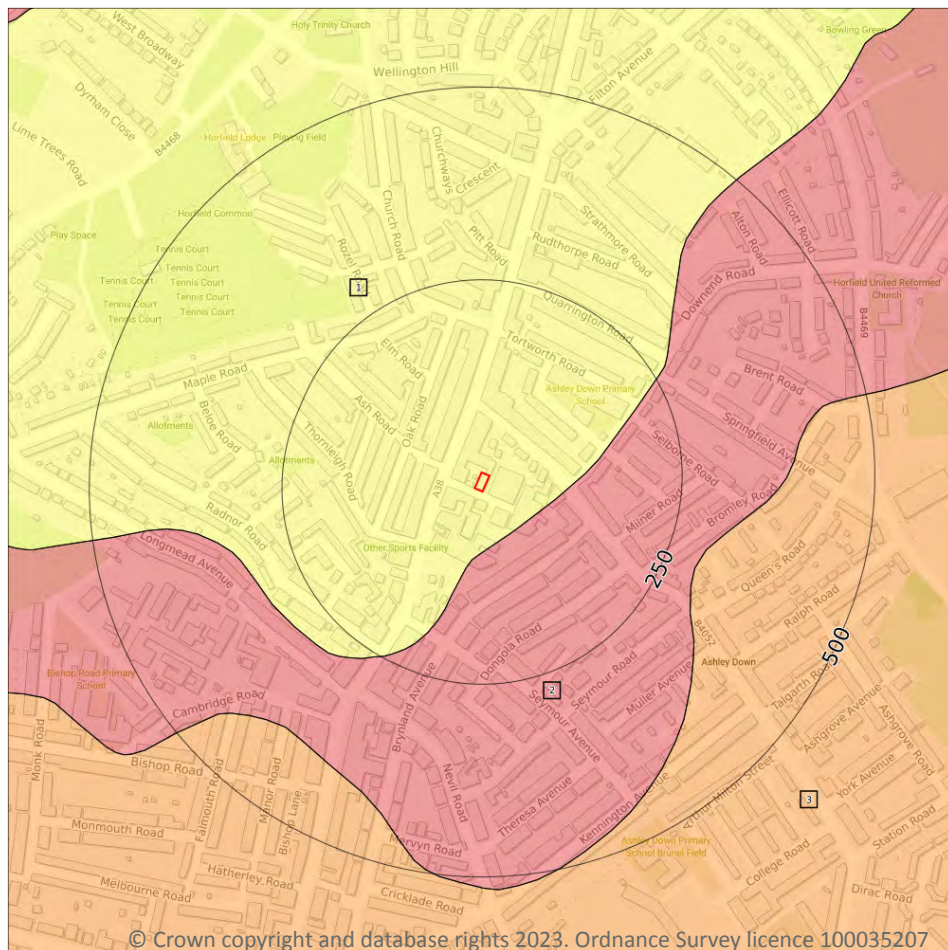
0

Aquifer status of groundwater held within superficial geology.

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

3

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 38**

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	65m 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

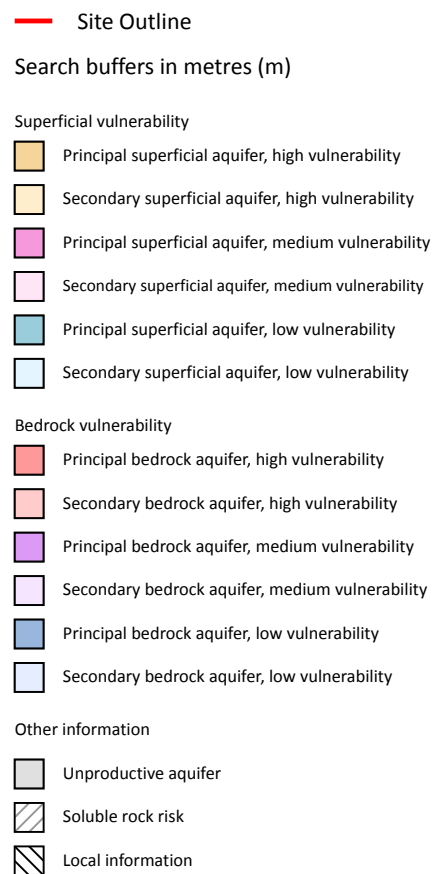
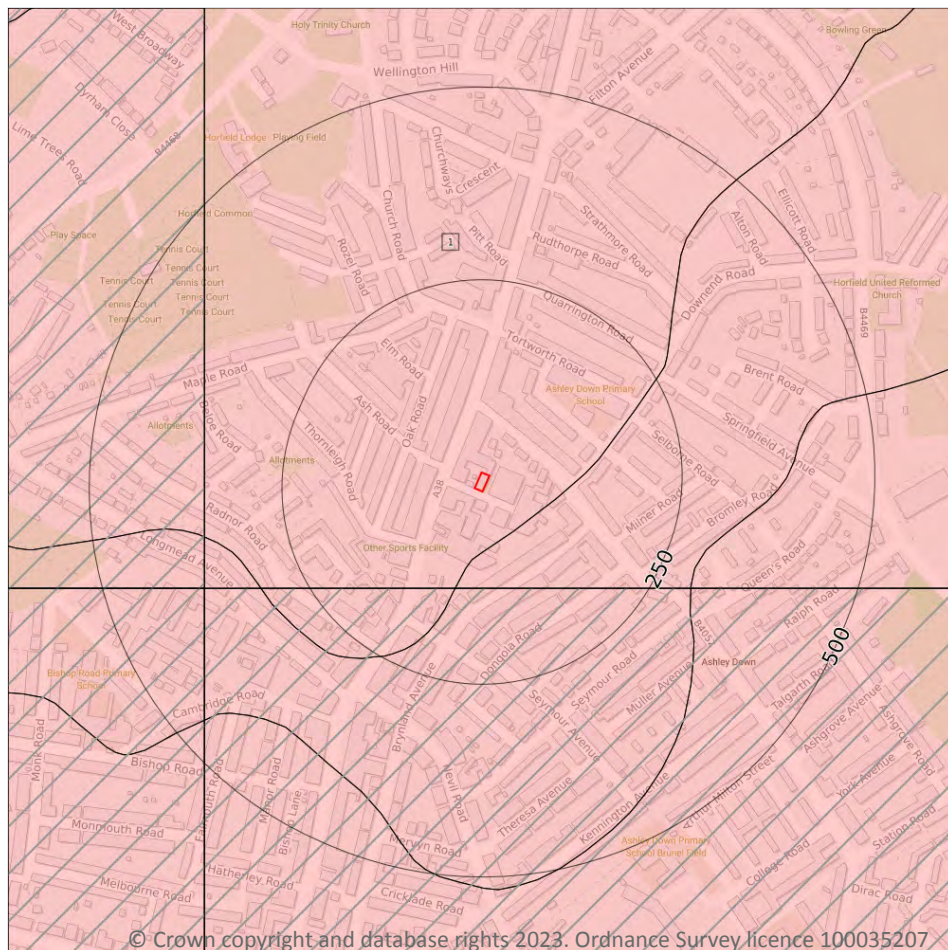


ID	Location	Designation	Description
3	292m E	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

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

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

Features are displayed on the Groundwater vulnerability map on **page 40**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High 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
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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
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This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

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

Abstractions and Source Protection Zones

5.6 Groundwater abstractions

Records within 2000m

0

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

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

5.7 Surface water abstractions

Records within 2000m

0

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.

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



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

6.1 Water Network (OS MasterMap)

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

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.



This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

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

Features are displayed on the Hydrology map on **page 44**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Frome (Brist) - Bradley Bk to conf Floating Hbr	GB109053027840	Avon Bristol Urban	Avon Bristol and Somerset Nort

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

6.4 WFD Surface water bodies

Records identified

1

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

Features are displayed on the Hydrology map on **page 44**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1738m E	River	Frome (Brist) - Bradley Bk to conf Floating Hbr	GB109053027840	Moderate	Fail	Moderate	2019

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



6.5 WFD Groundwater bodies

Records on site

1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. 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 44**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Bristol Triassic	<u>GB40902G804800</u>	Good	Good	Good	2019

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



7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

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

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.

