Environment Agency

Enter a postcode or place name:

Go

Other topics for this area...

Groundwater

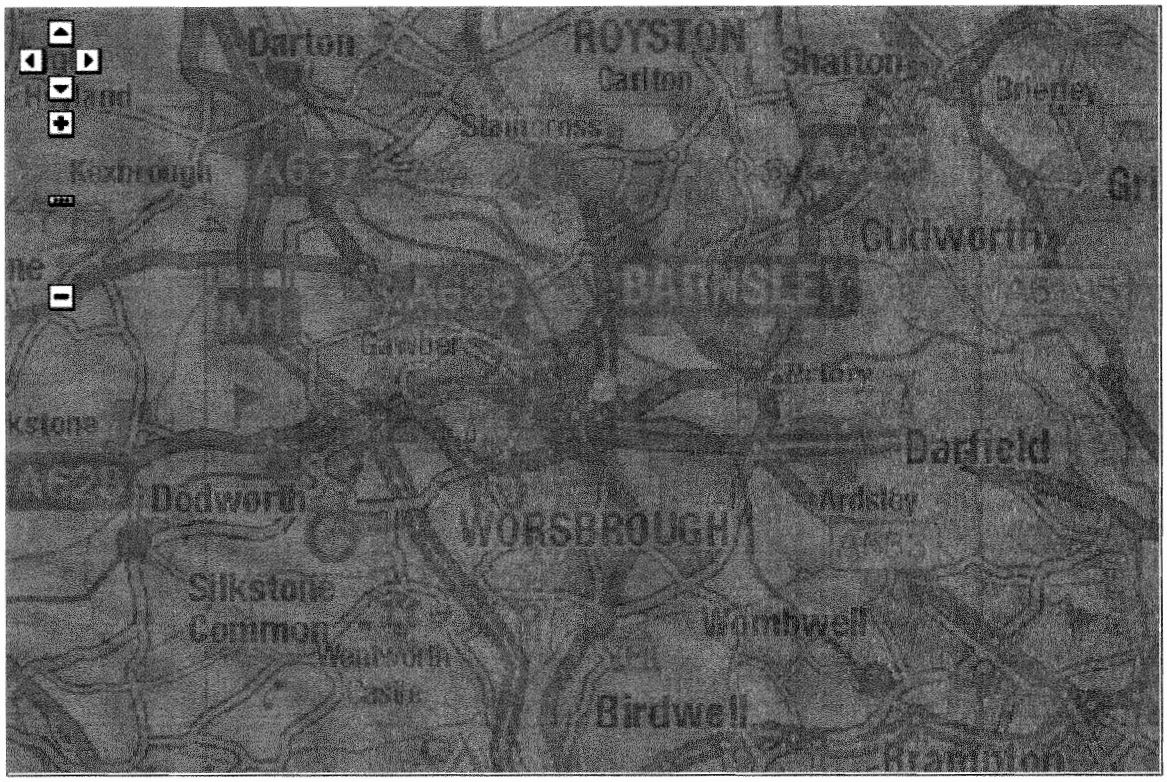
Groundwater

X: 434,881;Y: 406,284 at scale 1:75,000

Other maps | Data search | Text only version

Map legend

- Groundwater source protection zones
  - Inner zone (Zone 1)
  - Inner zone - subsurface activity only (Zone 1c)
  - Outer zone (Zone 2)
  - Outer zone - subsurface activity only (Zone 2c)
  - Total catchment (Zone 3)
  - Total catchment - subsurface activity only (Zone 3c)
  - Special interest (Zone 4)
- Aquifer Maps - Superficial Deposits Designation
  - Principal
  - Secondary A
  - Secondary B
  - Secondary (undifferentiated)
  - Unknown (lakes and landslip)
- Aquifer Maps - Bedrock Designation
  - Principal
  - Secondary A
  - Secondary B
  - Secondary (undifferentiated)
- Groundwater Vulnerability Zones
  - Major Aquifer High
  - Major Aquifer Intermediate
  - Major Aquifer Low
  - Minor Aquifer High
  - Minor Aquifer Intermediate
  - Minor Aquifer Low



Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) has taken over the responsibilities of the Environment Agency in Wales.
© Environment Agency copyright and database rights 2014. © Ordnance Survey Crown copyright. All rights reserved. Environment Agency, 100026380.
Contains Royal Mail data © Royal Mail copyright and database right 2014.
This service is designed to inform members of the public, in line with our terms and conditions. For business or commercial use, please contact us.

More about Groundwater

Groundwater Source Protection Zones:

Groundwater provides a third of our drinking water. We ensure that your water is safe to drink defining Source Protection Zones. These zones help to monitor the risk of contamination from any activities that might cause pollution in the area.

The Source Protection Zones are not displayed at scales greater than 1:20,000 (Ordnance Survey 1:50,000 scale) as the data was only modelled to this level and is not accurate pass this. They should not be compared against field boundaries.

Understanding Groundwater Source Protection Zones maps

British Geological Survey Aquifer Maps:

From 1st April 2010 new aquifer designations replace the old system of classifying aquifers as Major, Minor and Non-Aquifer. This new system is in line with our Groundwater Protection Policy (GP3) and the Water Framework Directive (WFD) and is based on British Geological Survey mapping.

The Aquifer Extents are not displayed at scales greater than 1:75,000 (Ordnance Survey 1:250,000 scale) as the data was only modelled to this level and is not accurate pass this.

Understanding Groundwater Source Protection Zones maps

Environment Agency

Enter a postcode or place name: Go

Other topics for this area... River Basin Management Plans - Groundwater

Water Framework Directive - River Basin Management Plans - Groundwater

Map legend

Click on a feature for details of that site

- Current Quantitative Quality
  - Good
  - Poor
  - Not yet assessed
- Current Chemical Quality
  - Good
  - Good (deteriorating)
  - Poor
  - Poor (deteriorating)
  - Not yet assessed
- 2015 Predicted Quantitative Quality
  - Good
  - Poor
  - Not yet assessed
- 2015 Predicted Chemical Quality
  - Good
  - Poor
  - Not yet assessed
- Monitoring Points
  - Previous Biology
  - Previous Chemistry
  - Previous Fish
  - Previous Groundwater
  - Future Biology
  - Future Chemistry
  - Continuous Flow
- River Basin Districts



District

Map of X: 434,881; Y: 406,284 at scale 1:10,000

Other maps **Data search** **Text only version**



Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) has taken over the responsibilities of the Environment Agency in Wales.
© Environment Agency copyright and database rights 2014. © Ordnance Survey Crown copyright. All rights reserved. Environment Agency, 100026380.
Contains Royal Mail data © Royal Mail copyright and database right 2014.
This service is designed to inform members of the public, in line with our terms and conditions. For business or commercial use, please contact us.

See also:

River Basin Management Plans

View the plans for all river basin districts in England and Wales.

More information

About the Water Framework Directive and River Basin Management Planning.

creating a better place

Environment Agency

Enter a postcode or place name: Go

Other topics for this area... River Basin Management Plans - Groundwater

Water Framework Directive - River Basin Management Plans - Groundwater

Map legend

Click on a feature for details of that site

- Current Quantitative Quality
  - Good
  - Poor
  - Not yet assessed
- Current Chemical Quality
  - Good
  - Good (deteriorating)
  - Poor
  - Poor (deteriorating)
  - Not yet assessed
- 2015 Predicted Quantitative Quality
  - Good
  - Poor
  - Not yet assessed
- 2015 Predicted Chemical Quality
  - Good
  - Poor
  - Not yet assessed
- Monitoring Points
  - Previous Biology
  - Previous Chemistry
  - Previous Fish
  - Previous Groundwater
  - Future Biology
  - Future Chemistry
  - Continuous Flow
- River Basin Districts
  - District

Map of X: 434,881; Y: 406,284 at scale 1:10,000

Other maps **Data search** **Text only version**



Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) has taken over the responsibilities of the Environment Agency in Wales.
© Environment Agency copyright and database rights 2014. © Ordnance Survey Crown copyright. All rights reserved. Environment Agency, 100026380.
Contains Royal Mail data © Royal Mail copyright and database right 2014.
This service is designed to inform members of the public. in line with our terms and conditions. For business or commercial use, please contact us.

See also:

River Basin Management Plans

View the plans for all river basin districts in England and Wales.

More information

About the Water Framework Directive and River Basin Management Planning.

creating a better place

Environment Agency

Enter a postcode or place name: **Other topics for this area...** Groundwater

Go | Groundwater

Map legend

X: 434,881;Y: 406,284 at scale 1:20,000

Other maps **Data search** **Text only version**



- Groundwater source protection zones
  - Inner zone (Zone 1)
  - Inner zone - subsurface activity only (Zone 1c)
  - Outer zone (Zone 2)
  - Outer zone - subsurface activity only (Zone 2c)
  - Total catchment (Zone 3)
  - Total catchment - subsurface activity only (Zone 3c)
  - Special interest (Zone 4)
- Aquifer Maps - Superficial Deposits Designation
  - Principal
  - Secondary A
  - Secondary B
  - Secondary (undifferentiated)
  - Unknown (lakes and landslip)
- Aquifer Maps - Bedrock Designation
  - Principal
  - Secondary A
  - Secondary B
  - Secondary (undifferentiated)
- Groundwater Vulnerability Zones
  - Major Aquifer High
  - Major Aquifer Intermediate
  - Major Aquifer Low
  - Minor Aquifer High
  - Minor Aquifer Intermediate
  - Minor Aquifer Low

Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) has taken over the responsibilities of the Environment Agency in Wales.
© Environment Agency copyright and database rights 2014. © Ordnance Survey Crown copyright. All rights reserved. Environment Agency, 100026380.
Contains Royal Mail data © Royal Mail copyright and database right 2014.
This service is designed to inform members of the public, in line with our terms and conditions. For business or commercial use, please contact us.

More about Groundwater

Groundwater Source Protection Zones:

Groundwater provides a third of our drinking water. We ensure that your water is safe to drink defining Source Protection Zones. These zones help to monitor the risk of contamination from any activities that might cause pollution in the area.

The Source Protection Zones are not displayed at scales greater than 1:20,000 (Ordnance Survey 1:50,000 scale) as the data was only modelled to this level and is not accurate pass this. They should not be compared against field boundaries.

Understanding Groundwater Source Protection Zones maps

British Geological Survey Aquifer Maps:

From 1st April 2010 new aquifer designations replace the old system of classifying aquifers as Major, Minor and Non-Aquifer. This new system is in line with our Groundwater Protection Policy (GP3) and the Water Framework Directive (WFD) and is based on British Geological Survey mapping.

The Aquifer Extents are not displayed at scales greater than 1:75,000 (Ordnance Survey 1:250,000 scale) as the data was only modelled to this level and is not accurate pass this.

Understanding Groundwater Source Protection Zones maps

Environment Agency

Enter a postcode or place name: **Other topics for this area...**

Go | Water Abstraction Licences

Water Abstraction Licences

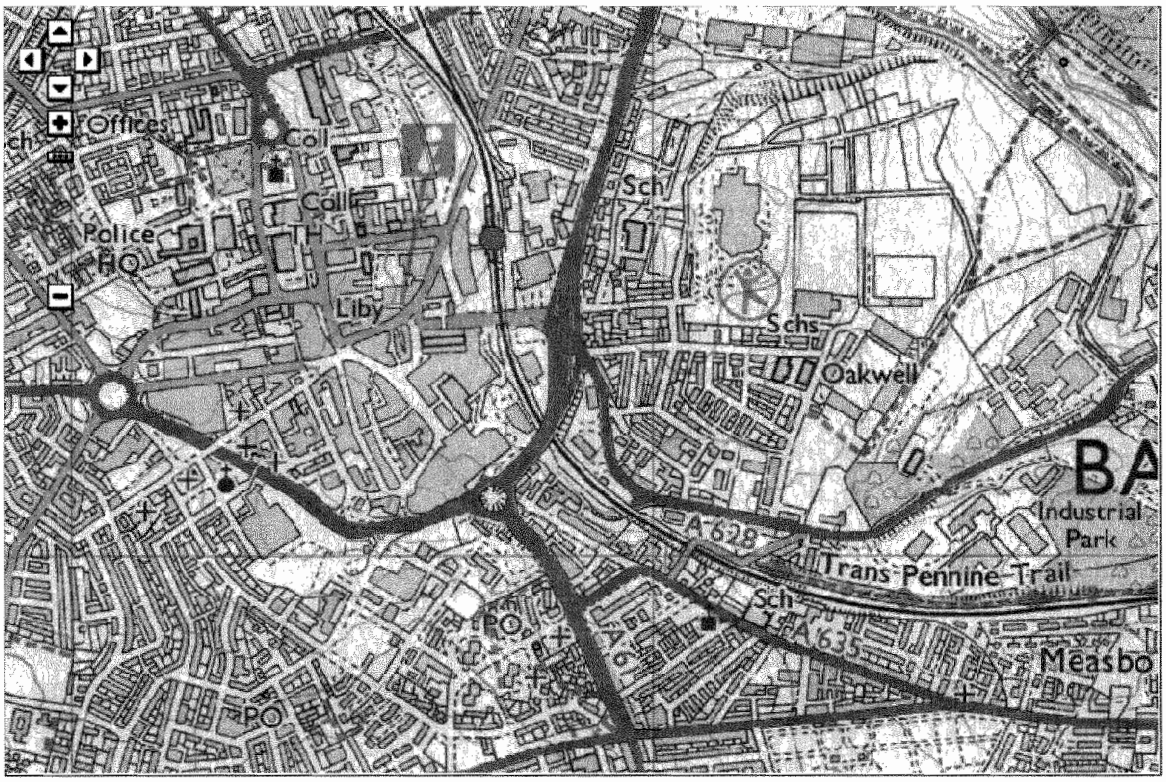
Map legend

Click on the map to see a list of water abstraction licences within that catchment

- Water Abstraction Licences within a Catchment
- River Catchment
- Water Abstraction from Groundwater Sources
  - Small size of abstraction
  - Medium size of abstraction
  - Large size of abstraction
- Water Abstraction from Surface Water Sources
  - Small size of abstraction
  - Medium size of abstraction
  - Large size of abstraction
- Water Abstraction from Tidal Water Sources
  - Small size of abstraction
  - Medium size of abstraction
  - Large size of abstraction

Map of X: 434,881; Y: 406,284 at scale 1:10,000

Other maps **Data search** **Text only version**



Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) has taken over the responsibilities of the Environment Agency in Wales.
© Environment Agency copyright and database rights 2014. © Ordnance Survey Crown copyright. All rights reserved. Environment Agency, 100026380.
Contains Royal Mail data © Royal Mail copyright and database right 2014.
This service is designed to inform members of the public, in line with our terms and conditions. For business or commercial use, please contact us.

More about Water Abstraction Licences

Water Abstraction Licences:

Water can be abstracted (taken) from groundwater, surface water, or tidal water.
An abstraction licence details of what is permitted such as how much water is allowed to be abstracted and at what times.
Read more about water abstraction licences and how to apply for a licence.

Water rights trading is the transfer of rights to abstract water from one person to another. It involves the trading of rights only, not the trading of actual water.

How to trade a licence.

Understanding the water abstraction licences map and data.

creating a better place

Environment Agency

Enter a postcode or place name: **Other topics for this area...**

Go Pollution

Pollution

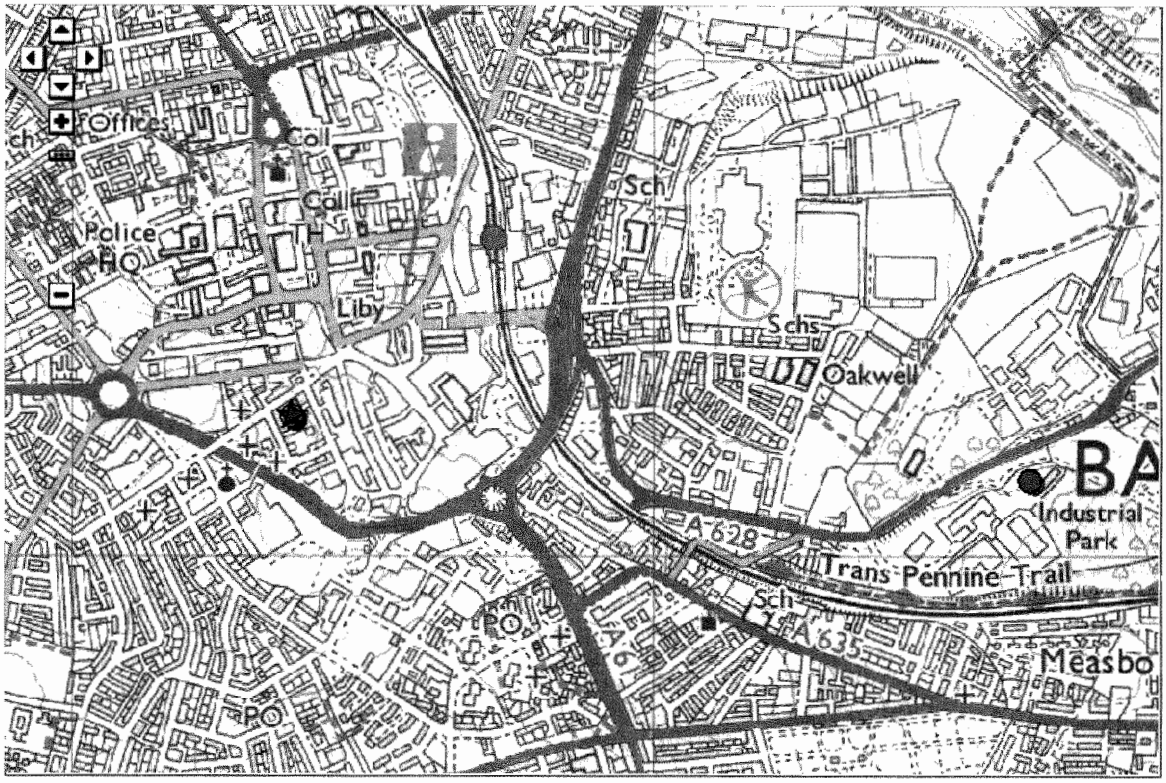
Map legend

Click on a feature for details of that site

- Pollution Incidents
  - Major
  - Significant
- Industrial Pollution
  - Fuel & Power
  - Metal
  - Mineral
  - Chemical
  - Waste
  - Water
  - Radioactive
  - Associated
  - Other
  - Not Classified
- Industrial Operator Scores (OPRA) 2011
  - Band A
  - Band B
  - Band C
  - Band D
  - Band E
  - Band F
- Compliance Rating Scores
  - Very Good
  - Good
  - Moderate
  - Fair
  - Poor
  - Bad
- Mining Waste
  - Closed Mining Waste Sites
- Historic Industrial Operator Scores (OPRA)
  - Permitted Sites

Map of X: 434,881; Y: 406,284 at scale 1:10,000

Other maps **Data search** **Text only version**



Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) has taken over the responsibilities of the Environment Agency in Wales.
© Environment Agency copyright and database rights 2014. © Ordnance Survey Crown copyright. All rights reserved. Environment Agency, 100026380.
Contains Royal Mail data © Royal Mail copyright and database right 2014.
This service is designed to inform members of the public, in line with our terms and conditions. For business or commercial use, please contact us.

Tell me more about Pollution:

Pollution Incidents

Find out how we categorise incidents and their possible effects on health and the environment

Industrial Pollution

Every industrial process could theoretically pose a risk to human health and the environment. Find out how we measure this risk and how we score operators on their potential to impact the environment.

Industrial Operator Scores (OPRA)

Industrial Operator Scores reflect two of the five attributes that make a site's Operational risk appraisal (Opra) profile.
The Compliance Rating band reflects the number of non-compliances with permit conditions we have recorded at the site over the course of a year.
The Operator Performance band is influenced by the type of management system the operator has in place and any formal enforcement action we have taken at the site.

More information about OPRA

Compliance Rating Scores

Compliance Rating Scores is our report of the level of permit breaches we've recorded at sites during the year.
We include both the number of breaches and also our assessment of the severity of these breaches, as determined by our Compliance Classification Scheme (CCS).

More information about Compliance Classification Scheme

Mining Waste

Environment Agency

Enter a postcode or place name: **Other topics for this area...** Waste

Go Landfill

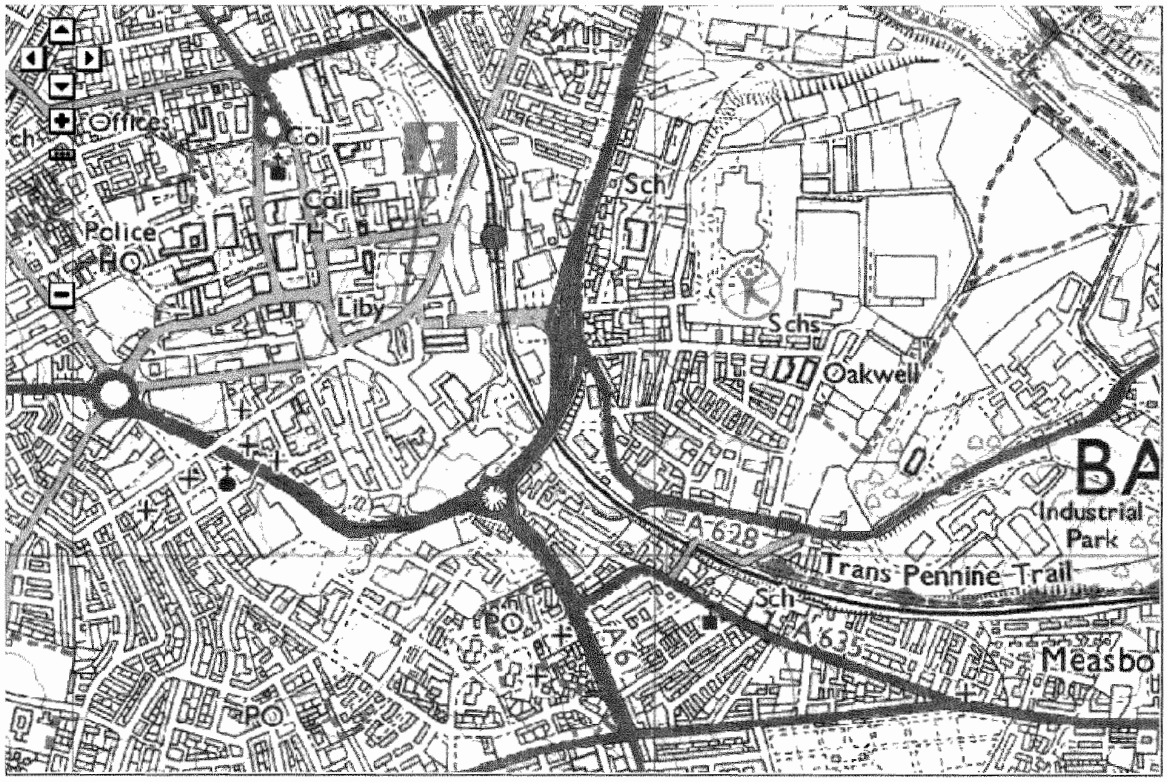
Map legend

X: 434,881;Y: 406,284 at scale 1:10,000

Other maps **Data search** **Text only version**

Click on a feature for details of that site

- Authorised Landfill
- Site boundary
- Historic landfill
- Site boundary



Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) has taken over the responsibilities of the Environment Agency in Wales.
© Environment Agency copyright and database rights 2014. © Ordnance Survey Crown copyright. All rights reserved. Environment Agency, 100026380.
Contains Royal Mail data © Royal Mail copyright and database right 2014.
This service is designed to inform members of the public, in line with our terms and conditions. For business or commercial use, please contact us.

Tell me more about waste and landfill:

Waste regulation

We regulate waste management through a system of licences. Find out how to get the correct licence here, get data on waste and find out if there are any rules applying to household waste.

Waste facts and figures

The UK produces about 220 million tonnes of controlled wastes per year. Find out about waste incineration, hazardous waste, recycling and landfill.

creating a better place

Follow us: YouTube Twitter Flickr Facebook

Author: The Environment Agency | enquiries@environment-agency.gov.uk
Last updated: 14th August 2014

Privacy policy | Terms and conditions | Contact us | Cymraeg
© Environment Agency 2014

Environment Agency

Enter a postcode or place name: Go

Other topics for this area... Landfill

Waste

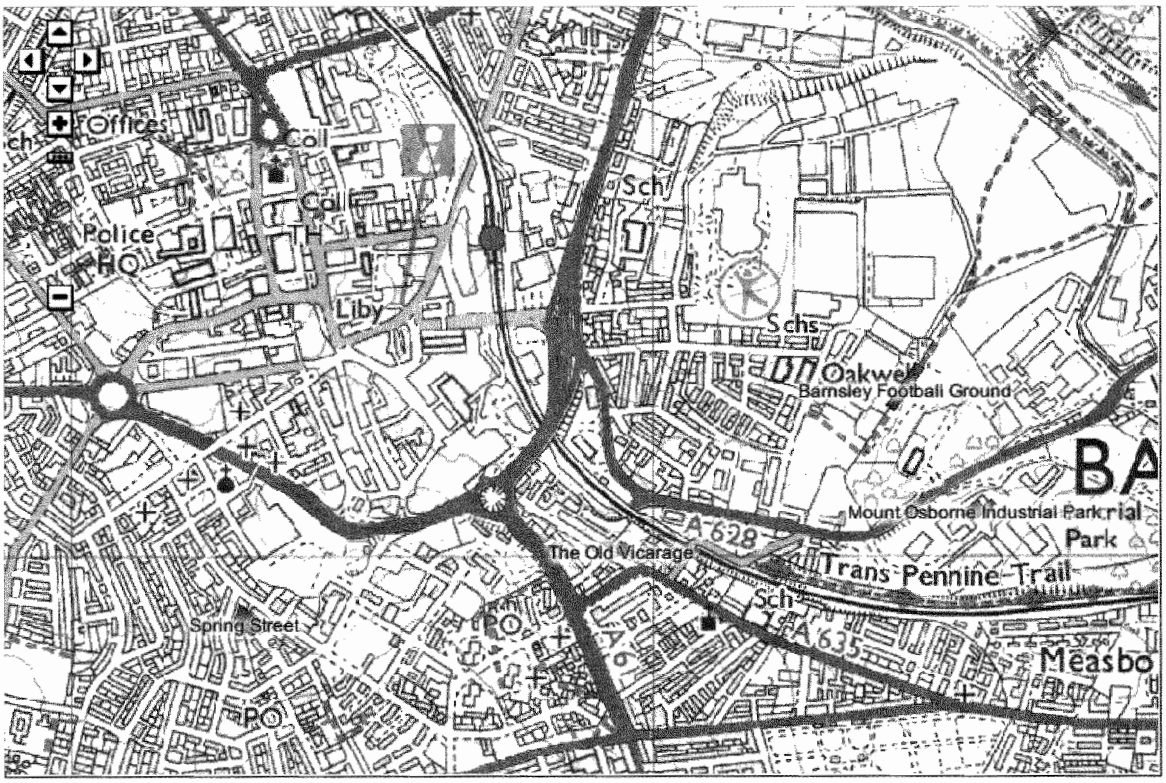
Map legend

Click on a feature for details of that site

- Authorised Landfill
- Site boundary
- Historic landfill
- Site boundary

X: 434,881;Y: 406,284 at scale 1:10,000

Other maps Data search Text only version



Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) has taken over the responsibilities of the Environment Agency in Wales.
© Environment Agency copyright and database rights 2014. © Ordnance Survey Crown copyright. All rights reserved. Environment Agency, 100026380.
Contains Royal Mail data © Royal Mail copyright and database right 2014.
This service is designed to inform members of the public, in line with our terms and conditions. For business or commercial use, please contact us.

Tell me more about waste and landfill:

Waste regulation

We regulate waste management through a system of licences. Find out how to get the correct licence here, get data on waste and find out if there are any rules applying to household waste.

Waste facts and figures

The UK produces about 220 million tonnes of controlled wastes per year. Find out about waste incineration, hazardous waste, recycling and landfill.

creating a better place

Follow us: YouTube Twitter Flickr Facebook

Author: The Environment Agency | enquiries@environment-agency.gov.uk
Last updated: 14th August 2014

© Environment Agency 2014

Environment Agency

Enter a postcode or place name: **Other topics for this area...**

Go | Risk of Flooding from Rivers and Sea | View other Interactive Maps

Risk of Flooding from Rivers and Sea

River flooding happens when a river cannot cope with the amount of water draining into it from the surrounding land. Sea flooding happens when there are high tides and stormy conditions.

The shading on the map shows the risk of flooding from rivers and the sea in this particular area.

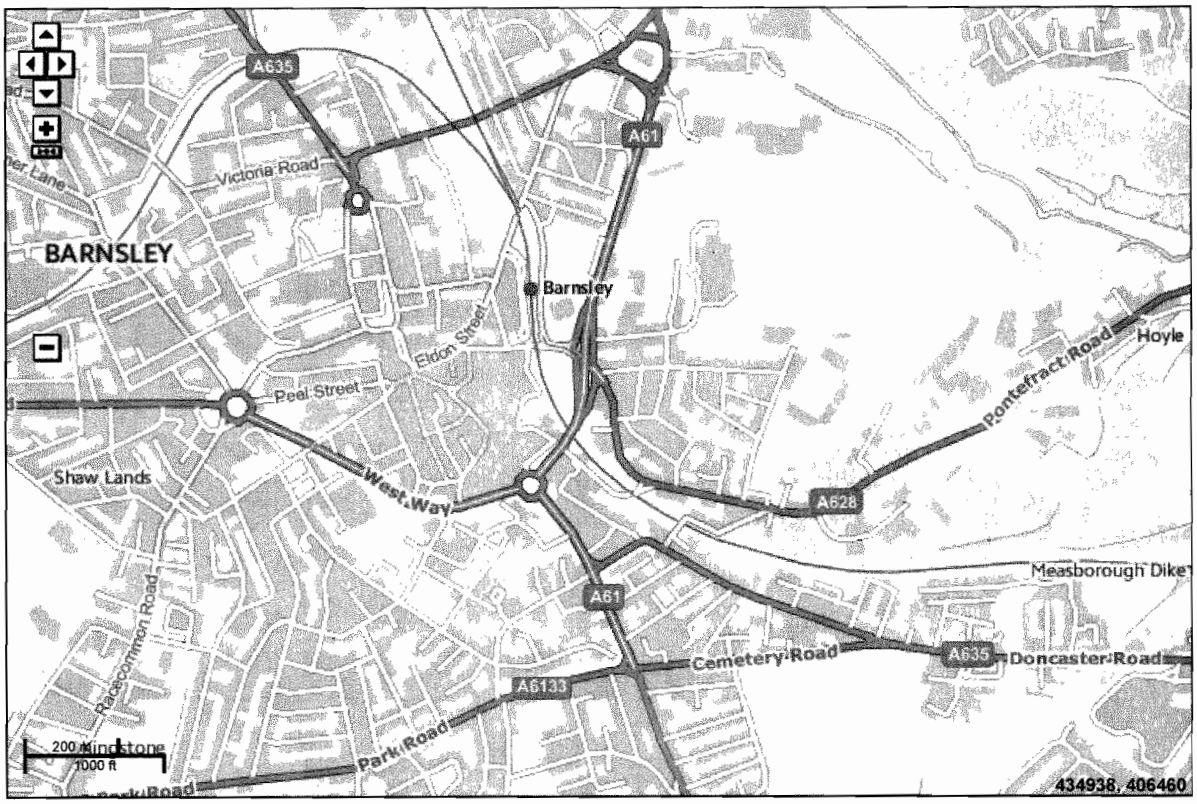
Click on the map for a more detailed explanation.

Map legend

- Risk of Flooding from Rivers and Sea
- High
- Medium
- Low
- Very Low

Map of Barnsley, Barnsley at scale 1:10,000

Data search



Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) will take over the responsibilities of the Environment Agency in Wales.
© Environment Agency copyright and database rights 2014. © Ordnance Survey Crown copyright. All rights reserved. Environment Agency, 100026380.
Contains Royal Mail data © Royal Mail copyright and database right 2014.
This service is designed to inform members of the public, in line with our terms and conditions. For business or commercial use, please contact us.

creating a better place

Follow us: YouTube Twitter Flickr Facebook

Author: The Environment Agency | enquiries@environment-agency.gov.uk
Last updated: 03 October 2014

Privacy policy | Terms and conditions | Contact us | Cymraeg
© Environment Agency 2014