

Water abstraction: application for a consent to investigate a groundwater source



Water Resources Act 1991 (as amended by the Water Act 2003),
Environment Act 1995

Please read through this form and guidance on abstracting from boreholes and wells on www.GOV.UK carefully before you fill in this form.

Please write clearly in the answer spaces.

It should take you about 45 minutes to fill in this form.

You will need:

- your or your company's details;
- a planning application number (if appropriate);
- a map clearly showing the proposed abstraction point; and
- details of the borehole, well or excavation you want to create.

When to use this form

Use this form to apply for a consent to carry out work (or further work) to detect the presence, quality and quantity of underground water, for the purpose of abstracting (removing) over 20 cubic metres (4,400 gallons) a day.

If you will be abstracting 20 cubic metres (m³) or less a day, you do not need an abstraction licence or consent to investigate a groundwater source, so you do not need to fill in this form.

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1 Type of consent

1.1 What type of consent are you applying for?

A consent to develop a new groundwater source

A consent to alter existing works

If you already have an abstraction licence for this site, what is the licence number?

2 About you, the applicant

2.1 Please give the full name and address of the person or organisation applying for the consent

First name

Last name

Position

Name of company or organisation, if appropriate

Address and postcode (registered address if a company)

Postcode

Contact numbers, including the area code

Phone

Mobile

Email

2.2 Do you want to appoint an agent who we can contact with questions about your application?

No Now go to question 2.3.

Yes We will send all correspondence about your application to the person you name below.

First name

Last name

Name of company or organisation, if appropriate

2 About you, the applicant, continued

Address and postcode

Postcode

Contact numbers, including the area code

Phone

Mobile

Email

If you want the consent to be issued in the name of the agent, tick here to confirm that your agent has agreed to this.

If someone other than you or your agent has agreed to be the consent holder, tick this box and give us their details on a separate piece of paper or within the covering email.

2.3 Have you already spoken to anyone in the Environment Agency about the proposal?

No

Yes Give their full name below.

First name

Last name

3 Restoring sustainable abstraction

Is this enquiry a result of investigations carried out under the 'restoring sustainable abstraction' programme?

No

Yes

4 Details of the proposed investigation

4.1 What are you intending to create or extend?

A borehole or well

A number of well points

A lagoon or seepage reservoir

A catchpit or spring

Other

If other, please specify below.

4.2 Type of aquifer you intend to abstract water from

(For example, chalk, triassic sandstone)

4.3 What will the water be used for?

Agriculture (other than spray irrigation)

Spray irrigation

Private water supply

Public water supply

Ground source heating and cooling

Industrial

Other

If other, please specify below.

5 Proposed quantities of water you want to abstract

5.1 Please give us details of the proposed abstraction.

When do you plan to use the water (summer only, winter only, all year around)?

Maximum amount each year

_____ m³

Maximum amount each day

_____ m³

Maximum amount each hour

_____ m³

6 Location details

Please send us a map (see the guidance notes) showing each point you propose to abstract water from. Label each point – point 1, point 2, point 3 and so on – on the map to match the grid references you give below.

6.1 Site address

Address and postcode of the site

Postcode

Please provide the 8 character National Grid Reference (NGR) e.g. ST 123 456 for each proposed abstraction point.

NGR of point 1:

NGR of point 2:

NGR of point 3:

NGR of point 4:

(If there are more than four abstraction points, give details for the other points on a separate sheet of paper.)

6.2 Do you own or occupy the land where the work will be carried out?

No Go to question 6.3.

Yes Go to question 6.4.

6.3 Has the person who owns or occupies the land given you permission to carry out the investigation?

No Do not apply for a consent until you have this permission.

Yes Go to question 6.4.

6.4 Do you need planning permission for the work?

No Go to section 7.

Yes Go to question 6.5.

6 Location details, continued

6.5 What is the status of the application?

Planning permission granted

Planning permission reference number

Applied for and waiting for a decision

Planning application reference number

Application refused

You need to get planning permission before we issue a consent.

7 Construction details

7.1 Dimensions

Please specify the depth (in metres) and diameter (in millimetres) of the well or borehole. If it is a seepage reservoir or catchpit, give its depth and dimensions in metres.

Point 1

Depth

_____ m

Diameter

_____ mm

or dimensions

_____ m

Point 2

Depth

_____ m

Diameter

_____ mm

or dimensions

_____ m

Point 3

Depth

_____ m

Diameter

_____ mm

7 Construction details, continued

or dimensions

_____ m

Point 4

Depth

_____ m

Diameter

_____ mm

or dimensions

_____ m

(If there are more than four abstraction points, give details for the other points on a separate sheet of paper.)

Please give the type and length of any existing, or proposed, lining of the work.

Point 1

Type

Depth

_____ m

Point 2

Type

Depth

_____ m

Point 3

Type

Depth

_____ m

Point 4

Type

Depth

_____ m

(If there are more than four abstraction points, give details for the other points on a separate sheet of paper.)

7 Construction details, continued

7.2 Proposed construction method

Do you want to drill a borehole or well?

No Go to section 9.

Yes Answer the rest of this section, and section 8.

What construction method (for example, cable-percussion, rotary) will you use?

7.3 Proposed drilling flush

What will be used to clear out the borehole or well during construction? (for example, air, mud and slurry pits)?

8 Development of the work

We need to know whether you plan to carry out any special work to increase the amount of groundwater you can abstract.

8.1 Will the drilling company carry out any work to increase the amount of water you can abstract?

No Go to section 9.

Yes Answer question 8.2.

8.2 What work will be carried out?

Pumping

Acidisation

Air lift

Other treatments

What chemicals (if any) will be used?

How will you dispose of waste products from this work?

9 Discharge details

9.1 Where will you discharge the water you abstract during test pumping?

- The sea
- An estuary
- A watercourse (such as a river, stream or ditch)
- Foul water sewer
- Surface water drain
- Onto land (such as a soakaway)

9.2 National grid references of discharge points

On the map you send us (see section 6) label each point – point A, point B, point C and so on – you will discharge water to. Give the grid references of those points below.

NGR of point A:

NGR of point B:

NGR of point C:

(If there are more than three discharge points, give details for the other points on a separate sheet of paper.)

If you already have a discharge consent or environmental permit for any of these points, please give the reference number.

10 Ground source heating and cooling

10.1 Is your application for a ground source heating and cooling system?

- No Go to section 11.
- Yes Please answer the questions in this section.

The following questions all relate to the system once it is finished and working, not the test pumping of the borehole or well.

10.2 National grid references of discharge points

On the map you send us (see section 6) label each point – point D, point E, point F and so on – you will discharge water to from the completed heating and cooling system. Give the grid references of those points below.

NGR of point D:

10 Ground source heating and cooling, continued

NGR of point E:

NGR of point F:

(If there are more than three discharge points, give details for the other points on a separate sheet of paper.)

10.3 When will you discharge the water?

Please fill in the following table to tell us the location and percentage of the abstracted water you intend to discharge. If the system will discharge to a sewer we do not need to know its location.

	Summer	Winter	Location (point D, E, F)
Aquifer	%	%	
Surface water	%	%	
Sewer	%	%	

If the discharge will go back to the aquifer, go to question 10.4. If it will go to local surface water, go to question 10.5.

10.4 Aquifer you will discharge to

Is the water from the heating and cooling system going to be discharged back into the same aquifer that it was abstracted from?

Yes

No Please tell us which aquifer the discharge will go to.

10.5 Is the site already contaminated?

No

Yes We will tell you if you need to provide a land contamination assessment.

10.6 Are you proposing to add any chemicals to the water before discharging it?

No

Yes Please tell us what chemicals you will use.

10 Ground source heating and cooling, continued

10.7 Will the discharged water contain hazardous substances (for example, contaminated groundwater, mine workings)?

No

Yes Please tell us which hazardous substances.

10.8 Temperature of discharged water

What will the maximum temperature of the discharge be (in centigrade)?

What will be the maximum difference of temperature between the abstraction and discharge (in centigrade)?

What will the net heating and cooling of the scheme be:
each year?

over the life of the system?

10.9 Supplementary information

Have you or your consultants carried out any impact assessment of your proposal on other water features or water users?

Yes Please send us a copy with this application.

No

11 Extra information

If you have other information that will help us to deal with your application, or you have needed to continue your answers to a question on a separate sheet, use the space to tell us what information you are providing (for example, an environmental report or extra sheets giving more details).

If you are providing extra information, please tick this box.

12 Checklist

Please read through this checklist and tick the items you are sending with this application.

A map showing abstraction and discharge points.

Separate sheets for continuing answers to questions.

Letter of authorisation from the applicant, if needed (see section 14, 'Declaration').

How long did it take you to fill in this form?

13 General Data Protection Regulations Privacy notice: how we use your personal data

We are the Environment Agency and we run the water abstraction licence and impoundment licence service. We are the data controller. A data controller determines how and why personal data (personal information) is processed.

Our Personal Information Charter

(<http://www.gov.uk/government/organisations/environment-agency/about/personal-information-charter>) explains how we deal with your personal information. Go to GOV.UK and search 'Environment Agency personal information charter'.

13 General Data Protection Regulations Privacy notice: how we use your personal data, continued

Why we are collecting personal data and what we will do with it

We the Environment Agency are the data controller. We are collecting and processing personal data to:

- process your abstraction or impounding licence applications including pre-application
- advertise your application, if required
- make your application available to the public and organisations that we have to notify, as required by the Water Resources Act 1991
- keep public registers up to date
- charge you for your abstraction or impounding licence as set out by our charges scheme
- process your records of abstraction (returns)
- make sure you keep to the conditions of your abstraction or impounding licence
- contact you about managing your abstraction or impounding licence or applying for other licences you may need
- contact you to gather feedback to improve the level of service that we provide
- register you to use our online water resources service

Processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the data controller. This is to undertake our responsibilities for managing water resources in England through our abstraction and impoundment licensing system.

We do not use your personal data to make an automated decision or for automated profiling.

Sharing and transferring personal data

We will not share your personal data with anyone outside of the Environment Agency without your consent unless we are allowed to do so by law. But we may pass your data on to our agents or representatives to process it for us.

We transfer your data through servers in the UK and Amazon Web Service (AWS) servers in Ireland. We store the data on servers in the UK and AWS servers in Ireland. The data will not be transferred outside the European Economic Area.

How long we hold personal data for

We will keep your personal data as required by law to maintain the Water Abstraction and Impounding Licence public register with details of all applications and our decisions on those applications.

We will keep other personal data for 7 years once the abstraction or impoundment licence ceases to have effect. After 7 years we will review retention in line with our standard information retention policy.

We will keep your personal data required to access the 'Manage your water abstraction or impoundment licence' service for as long as you require access to the service.

13 General Data Protection Regulations Privacy notice: how we use your personal data, continued

Contact details

Our Data Protection Officer (DPO) is responsible for independent advice and monitoring of the Environment Agency's use of personal information.

If you have any concerns or queries about how we process personal data, or if you would like to make a complaint or request relating to data protection, please contact our DPO:

Data Protection Officer,
Environment Agency,
Horizon House,
Deanery Road,
Bristol,
BS1 5AH

Email: dataprotection@environment-agency.gov.uk

You can find out about your personal data rights from the Information Commissioner's Office (ICO) at www.ico.org.uk. The ICO regulate the data protection legislation. You have the right to lodge a complaint with them at any time.

14 Declaration

I apply to the Environment Agency for a consent to investigate a groundwater source. I declare that, as far as I know, the statements made in this application, including the map and any accompanying sheets, are true.

Tick this box to confirm that you understand and agree with the declaration above.

Name

First name

Last name

Today's date (DD/MM/YYYY)

Please tick the appropriate box.

I am the applicant.

I am the agent appointed by the applicant.

Please enclose a letter of authority from the applicant to confirm that they have authorised you to send us this application on their behalf.

Please send your filled-in application form and any extra information to the area office that covers the place where the proposed borehole will be drilled.

If you wish to send in by mail please check the link <https://www.gov.uk/government/organisations/environment-agency/about/access-and-opening> for the area offices address.

There is no fee for this application.

15 How to contact us

You can call our National Customer Contact Centre on 08708 506 506 (Monday to Friday, 8am to 6pm).

Website: www.gov.uk/government/organisations/environment-agency

If you are happy with our service please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.



For Environment Agency use only

Application reference number

Date received (DD/MM/YYYY)

Consent reference number
