

**For Environment Agency use only**

District/Area reference

Application reference number

Date received  
(DD MM YYYY)

Fee received



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# Consent to discharge

## Water quality



Environment Act 1995, Water Resources Act 1991, Schedule 10

### Part C Discharges of sewage effluent only under 50 m<sup>3</sup> per day dry weather flow (DWF)

- Fill in this part of the application form if you want to discharge small amounts, under 50m<sup>3</sup> (DWF) a day of sewage effluent only
- Please read the guidance notes 'Notes on questions which appear in Parts B, C, D or E' before you start to fill in this form
- You may need to photocopy pages 4–5 before you start filling in the form
- After you have filled in this part of the form, complete Part A6 Checklist, then sign and date the form.

#### When to use this form

This part (Part C) of the application form is for anyone who wants to discharge sewage effluent only of under 50 cubic metres a day dry weather flow (DWF) to land or water.

This includes

- septic tanks
- package treatment plants
- soakaways
- boreholes.

You should fill in this part if you

- want to make a new application – because you need to discharge effluent for the first time
- want to change (vary) the consent you already have.  
*For example if you want to discharge a different type or amount of effluent.*

You also need to fill in Part A1 to A5 of the application form *before* you begin to fill in this part.

If you plan to install more than one treatment plant, you will need to fill in a separate copy of section C3 for each unit. Photocopy the section **before** completing the form.

After you have filled in this part of the application form, you should complete Part A6 Checklist then sign and date the form.

#### Other types of effluent discharge

If you want to discharge

- sewage effluent containing trade effluent (any volume) or more than 50 cubic metres dry weather flow (DWF) a day of sewage effluent only, you should fill in **Part B**
- sewage effluent intermittently or in an emergency, you should fill in **Part D**
- trade effluent, you should fill in **Part E**.

#### C1 About your application

##### Type of application

##### C1.1 What type of catchment area or site will the plant serve?

*For example residential, industrial.*

##### C1.2 Do you want to change an existing consent?

No  Please go to question C1.4.

Yes  Please give details.

Name of holder

Title

First name

Last name

Consent number

Date issued (DD MM YYYY)

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##### C1.3 What will the changes be?

- |  |  |
|--|--|
| <input type="checkbox"/> more effluent           | <input type="checkbox"/> extra discharge points                |
| <input type="checkbox"/> less effluent           | <input type="checkbox"/> location of discharge point           |
| <input type="checkbox"/> type of effluent        | <input type="checkbox"/> location of one or more sample points |
| <input type="checkbox"/> composition of effluent | <input type="checkbox"/> treatment process                     |
| <input type="checkbox"/> other                   |  |

*Please describe the changes you are planning, including a list of the conditions you want to change and how you want us to change them.*

**C1 About your application *continued***

**How much effluent you plan to discharge**

**C1.4 What is the maximum you plan to discharge in a day?**

cubic metres per day

**C1.5 What is the dry weather flow?**

cubic metres per day

We need to know how you calculated these figures. Please see guidance notes 'Notes on questions in Parts B, C, D and E'.

Please continue on a separate sheet if you need to.

**C1.6 What is the discharge rate?**

Please give us flow details

Average flow

cubic metres per day

Maximum flow to full treatment

cubic metres per day

Maximum flow received at works

cubic metres per day

How are these rates calculated?

**C1.7 What is the maximum population equivalent the plant will serve?**

Please see guidance notes 'Notes on questions in Parts B, C, D and E, about how to work out 'population equivalents'.

Will this vary?

For example, at different times of the day or year.

No

Yes  Please give details.

**C1.8 What is the daily infiltration flow to the treatment works?**

Maximum flow

cubic metres per day

Average flow

cubic metres per day

**C1 About your application *continued***

**C1.9 Will the discharge be continuous?**

No  Please say why and when it will be discharged.

Yes

**C2 Where the effluent will be discharged**

We must be able to locate the site easily. Please send a map or site location plan (which is at least A4 size) and shows

- the site in relation to the locality
- the Ordnance Survey national grid reference for the site and for the outlet, sampling and monitoring points.

**C2.1 Address and location of site**

If the address is not clear, please give a description of the location of the site.

Address

Postcode

Local authority which covers the site *if you know it*

Planning authority which covers the site *if you know it*

Parish council area the site is in *if you know it*

**C2.2 Please give the following Ordnance Survey national grid references for the site**

You can find OSNGRs on an Ordnance Survey map.

For example, ST 12345 67890

OSNGR for the front door/main entrance of site

OSNGR for the effluent discharge point

OSNGR for the effluent sample point

**C2 Where the effluent will be discharged *continued***

**C2.3 Description of discharge point**

Say where the effluent will be discharged

- Into or onto land. *Please go to question C2.5.*
- Into a borehole or well. *Please go to question C2.11.*
- Into coastal waters or estuaries. *Please go to question C2.13.*
- Into a lake, loch or pond.

Name

- Into a tidal river or stream.

Name

- Into a non-tidal river or stream. *This includes dry river or stream beds.*

Name

- Into a canal.

Name

- Into a culverted river, stream or canal.

Name

*Please give the OSNGR for the point where the water course emerges from the culvert and mark it on the location plan.*

**C2.4 What is the diameter of the outfall pipe?**

millimetres

Now go to question C3.1.

**Discharge to land (soakaway)**

**C2.5 Has the soakaway been designed to BS 6297:2007?**

- No  *Please give details of size and construction.*

- Yes  *We may ask you to prove this.*

**C2 Where the effluent will be discharged *continued***

**C2.6 Have you provided the results of a percolation test to BS 6297:2007?**

- No  *Please contact us.*
- Yes  *Please complete the following table.*

**Time in seconds divided by depth in millimetres (below invert level)**

Hole	Trial 1	Trial 2	Trial 3	Average
1	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>
2	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>
3	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>
4	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>	<input style="width: 80px; height: 20px;" type="text"/>

Average of all tests or rate of percolation (vp)

**For a septic tank**

vp  × number of people  × 0.25 =

**For a package treatment plant**

vp  × number of people  × 0.2 =

Area of soakaway trench

square metres

Trench length: trench area (*square metres*) divided by trench width (*metres*)

metres

Test performed by

Title   
 First name   
 Last name

Date (DD MM YYYY)

**C2.7 What is the depth of the soakaway?**

*Please give the depth to the bottom (invert level) of the soakaway.*

metres

**C2.8 What is the depth of soil or subsoil below the bottom (invert level) of the soakaway?**

- up to 1.2 metres
- between 1.2 and 2 metres
- over 2 metres



**C3 About the treatment plant you plan to use**  
*continued*

**C3.2 Will you use reed beds?**

No

Yes  *What is the surface area of the reed bed you will be using?*

square metres

**C3.3 What arrangements have you made for maintenance of the plant?**

Please tell us

- how frequently maintenance activity will be carried out
- what the maintenance will consist of
- who will carry it out.

**Septic tanks and package treatment plants**

**C3.4 Has the tank or plant been designed to current British Standard?**

No  *Please give details of size and construction.*

Yes  *We may ask you to prove this.*

**C3.5 Will any surface water drain into the tank or plant?**

No

Yes  *What is the area of the impermeable surface?*

square metres

*Please say why the surface water cannot be diverted (for example to a separate outlet).*

**C3 About the treatment plant you plan to use**  
*continued*

**C3.6 What are the criteria used to design the plant for this site?**

*Please get in touch with us if you need advice on what information we need.*

#### C4 Any other information

**C4.1 Are there any other factors we need to take into account?**

*For example, is there any relevant information about the site or type of effluent which we have not asked for anywhere in the form?*

No

Yes  *Please give details*

**Now please fill in Part A6, read Part A7, then sign and date the form in A8.**

