

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 m³ per day dry weather flow (DWF)

- Fill in this part of the application form if you want to discharge small amounts, under 50m³ (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 6297:1983?

- 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 6297:1983?

- 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				
2				
3				
4				

Average of all tests or rate of percolation (vp)

vp × number of people × 0.25 =

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

square metres

Area of soakaway trench

square 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 metre
- between 1 and 2 metres
- over 2 metres

C2 Where the effluent will be discharged *continued*

C2.9 Will you discharge effluent from more than one dwelling?

No

Yes We need a full description of

- the soil profile to at least 3 metres below the bottom (invert level) of the soakaway
- the rock below the soil, including whether the soakaway is cut into the rock
- any water seepage or standing water levels below the soakaway.

Continue on a separate sheet if you need to.

C2.10 Will any part of the soakaway system be within

5 metres of the boundary of the premises?

10 metres of a watercourse?

50 metres of a borehole, well or spring?

Now go to question C2.12.

Discharges to boreholes or wells

C2.11 Please tell us about the borehole or well

Date of construction (DD MM YYYY)

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Depth

--

 metres

Diameter of the outfall pipe

--

 millimetres

Please send us copies of the construction and geological logs. If logs are not available, please send written details of rock type, casing construction and depth to the top of the water table.

Groundwater Regulations 1998

Discharges on to or into land, or into groundwaters (via a borehole or well) which contain listed substances (as defined by the Groundwater Directive) must conform to the requirements of the Groundwater Regulations 1998.

C2.12 Will the effluent contain any of the substances on the list?

You can find the list of substances in the guidance notes on page 10.

No *Go to question C3.1*

Yes *Go to question C3.1. We may need to contact you to discuss this once we have received your application.*

C2 Where the effluent will be discharged *continued*

Discharge to coastal waters or estuaries

C2.13 Position of outfall in relation to mean high water spring tide mark

Please give position in metres and delete above/below.

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 metres above/below MHWS

C2.14 Position of outfall in relation to mean low water spring tide mark

Please give position in metres and delete above/below.

--

 metres above/below MLWS

Depth of top inner surface of outfall pipe above or below mean ordnance datum Newlyn

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 metres

Diameter of outfall pipe

--

 millimetres

C2.15 How will the effluent be dispersed?

Please tell us enough to allow us to properly assess your proposed method.

OSNGR for the dispersal section

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C3 About the treatment plant you plan to use

C3.1 What type of plant will you be using?

Please see guidance notes on questions in Parts B, C, D and E.

For multiple plants, you need to fill in a separate copy of this section for each plant so photocopy it before completing.

If your type of plant is listed in the guidance notes, give the number and title as shown in the list. Otherwise, give details of the plant you will be using.

Type of plant

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 BS 6297:1983 Section 9?

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.





