

Application for an environmental permit Part B4 – New bespoke waste operation permit



Fill in this part of the form, together with parts A, B2 and F1, if you are applying for a new bespoke permit for a waste operation. Please check that this is the latest version of the form available from our website.

Please read through this form and the guidance notes that came with it.

The form can be:

1 Saved onto a computer and then filled in. Please note that the form follows a logic that means questions will open or stay closed depending on a previous answer. So you may not be able to enter text in some boxes.

2 Printed off and filled in by hand. Please write clearly in the answer spaces.

It will take less than three hours to fill in this part of the application form.

Contents

1 What waste operations are you applying for?

2 Emissions to air, water and land

3 Operating techniques

4 Monitoring

5 How to contact us

Appendix 1 – Specific questions for waste facilities that accept clinical waste

Appendix 2 – Specific questions for waste facilities that accept hazardous waste

Appendix 3 – Specific questions for the recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes

Appendix 4 – Specific questions for inert waste landfills and deposit for recovery operations

1 What waste operations are you applying for?

Fill in Table 1a below with details of what you are applying for.

Fill in a separate table for each waste operation you are applying for. Use a separate sheet if you have a long list and send it to us with your application form. Tell us below the reference you have given the extra sheet.

Document reference for the extra sheet

Types of waste accepted

For each line in Table 1a, fill in a separate document to list those wastes you will accept on the site for that operation. Give the List of Wastes catalogue code (search for 'Technical guidance on how to assess and classify waste' at www.gov.uk/government/organisations/environment-agency). If you need to exclude wastes from your activity or facility by restricting the description, quantity, physical nature, hazardous properties, composition or characteristic of the waste, include these in the document. Send it to us with your application form.

Table 1a – Waste operations which do not form part of an installation

| Name of the waste operation | Description of the waste operation | Annex I (D codes) and Annex II (R codes) and descriptions | Hazardous waste treatment capacity (if this applies). See note 1 | Non-hazardous waste treatment capacity (if this applies). See note 1 |
|--|--|---|--|--|
| Add extra rows if you need them. If you do not have enough room go to the line below or send a separate document and give us the document reference here | Use the description from the guidance. Include any extra detail that you think would help to accurately describe what you want to do | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| For all waste operations | Total storage capacity (see note 2) | | | |
| | Annual throughput (tonnes each year) | | | |

- Notes**
- 1 By ‘capacity’, we mean the total landfill capacity (cubic metres), the total deposit for recovery capacity (cubic metres), the total treatment capacity (tonnes each day) for waste treatment and the total storage capacity (tonnes) for waste storage operations.
 - 2 By ‘total storage capacity’, we mean the maximum amount of waste in tonnes you store on the site at any one time.

1 What waste operations are you applying for?, continued

Please provide the document reference for each document. You can use Table 1b as a template.

If you want to accept any wastes with a code ending in 99, you must provide more information and a full description in the document.

Document reference for this document _____

Table 1b – Template example – types of waste accepted and restrictions

| Waste code | Description of waste |
|----------------------|---|
| Example 02 01 08* | Example Agrochemical waste containing hazardous substances |
| 06 01 02* | Hydrochloric acid |

1c Deposit for recovery purposes (see Appendix 4 and guidance notes on part B4)

Are you applying for a waste recovery activity involving the permanent deposit of waste on land for construction or land reclamation restoration or improvement?

No Go to question 2

Yes

Have we advised you during pre-application discussions that we believe the activity is waste recovery?

No Go to question 2

Yes

Have there been any changes to your proposal since this discussion?

No

Yes

Please send us a copy of your waste recovery plan that complies with our guidance at <https://www.gov.uk/guidance/waste-recovery-plans-and-permits>. You need to highlight any changes you have made since your pre-application discussions. Also give us the reference number of the document with your justification.

Please note that there is an additional charge for the assessment of a waste recovery plan that must be submitted as part of this application. For the charge see <https://www.gov.uk/topic/environmental-management/environmental-permits>.

Document reference _____

2 Emissions to air, water and land

Fill in Table 2 below with details of the emissions that result from the operating techniques at each of your waste operations.

Fill in one table for each waste operation.

Table 2 – Emissions

| Name of the waste operation | | | | |
|--|--------|-----------|----------|------|
| Point source emissions to air | | | | |
| Emission point reference and location | Source | Parameter | Quantity | Unit |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Point source emissions to water (other than sewers) | | | | |
| Emission point reference and location | Source | Parameter | Quantity | Unit |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

2 Emissions to air, water and land, continued

| Point source emissions to sewers, effluent treatment plants or other transfers off site | | | | |
|---|--------|-----------|----------|------|
| Emission point reference and location | Source | Parameter | Quantity | Unit |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Point source emissions to land | | | | |
| Emission point reference and location | Source | Parameter | Quantity | Unit |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Supporting information

3 Operating techniques

3a Technical standards

Fill in Table 3a for each operation you refer to in Table 1a above and list the relevant technical guidance note (TGN) or notes you are planning to use. If you are planning to use the standards set out in the TGN, there is no need to justify using them.

You must justify your decisions in a separate document if:

- there is no technical standard;
- the technical guidance provides a choice of standards; or
- you plan to use another standard.

This justification could include a reference to the Environmental Risk Assessment provided in part B2 of the application form.

The documents should summarise the main measures you use to control the main issues identified in your risk assessment (search for 'Risk assessment for your environmental permit' at www.gov.uk/government/organisations/environment-agency) or technical guidance. For each of the activities listed in Table 3a, describe the type of operation and the options you have chosen for controlling emissions from your process.

Table 3a – Technical standards

Fill in a separate table for each waste operation.

| Name of waste operation | | |
|--------------------------------|----------------------------------|-------------------------------------|
| Description of waste operation | Relevant technical guidance note | Document reference (if appropriate) |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

In all cases, describe the type of facility or operation you are applying for and, if appropriate, use block diagrams to help describe the process. Provide the document references for the description.

Document reference for the description

3 Operating techniques, continued

3b General requirements

Fill in a separate Table 3b for each waste operation.

Table 3b – General requirements

| | |
|---|----------------------------------|
| Name of the waste operation | |
| If the TGN or your risk assessment shows that emissions of substances not controlled by emission limits are an important issue, send us your plan for managing them | Document reference or references |
| If the TGN or your risk assessment shows that odours are an important issue, send us your odour management plan If your activity type is listed in the guidance document ‘Control and monitor emissions for your environmental permit’ as needing an odour management plan, or your risk assessment shows that odours are an important issue, you need to send us your odour management plan. | Document reference or references |
| If the TGN or your risk assessment shows that noise or vibration are important issues, send us your noise or vibration management plan (or both) | Document reference or references |

We may need to ask for management plans or risk assessments in other circumstances based on our regulatory experience. If you are unsure as to whether you need to submit a management plan with your application, please discuss this with the Environment Agency prior to submission.

Search for ‘Risk assessment for your environmental permit’ at www.gov.uk/government/organisations/environment-agency.

3c Information for specific sectors

For some of the sectors, we need more information to be able to set appropriate conditions in the permit. This is as well as the information you may provide in sections 5, 6 and 7. For those activities listed below, you must answer the questions in the related document.

Table 3c – Questions for specific sectors

| Sector | Appendix |
|--|---------------------------------|
| Clinical waste | See the questions in appendix 1 |
| Disposing of and recovering hazardous waste | See the questions in appendix 2 |
| Recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes | See the questions in appendix 3 |
| Inert waste landfill and deposit of waste on land for construction, land reclamation, restoration or improvement | See the questions in appendix 4 |

General information

4 Monitoring

4a Describe the measures you use for monitoring emissions by referring to each emission point in Table 2 above

You should also describe any environmental monitoring. Tell us:

- how often you use these measures;
- the methods you use; and
- the procedures you follow to assess the measures.

Document reference for this information

4b Point source emissions to air only

Provide an assessment of the sampling locations used to measure point source emissions to air. The assessment must use M1. (Search for ‘M1 sampling requirements for stack emission monitoring’ at www.gov.uk/government/organisations/environment-agency.)

Document reference for the assessment

5 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 03708 506 506 (Monday to Friday, 8am to 6pm)

Textphone: 03702 422 549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

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.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

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

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

No thank you



For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes

Amount received

£ _____

Plain English Campaign’s Crystal Mark does not apply to appendices 1 to 4.

Appendix 1 – Specific questions for waste facilities that accept clinical waste

Note: If your procedures are fully in line with the standards set out in ‘Technical guidance for managing clinical waste’ (EPR 5.07) then you should tick the ‘yes’ box and provide the procedure reference from EPR 5.07. There is no need for you to supply a copy of the procedure.

1 Are pre-acceptance procedures in place that are fully in line with the appropriate measures set out in section 2.2 of EPR 5.07 and which are used to assess a waste enquiry before it is accepted at the installation or waste facility?

No Provide justification for departure from EPR 5.07 and submit a copy of your procedures

Document reference

Yes EPR 5.07 procedure reference

2 Are waste acceptance procedures in place that are fully in line with the appropriate measures set out in section 2.2 of EPR 5.07, and which are used to cover issues such as loads arriving and being inspected, sampling waste, rejecting waste, and keeping records to track waste?

No Provide justification for departure from EPR 5.07 and submit a copy of your procedures

Document reference

Yes EPR 5.07 procedure reference

3 Are waste storage, handling and dispatch procedures, and infrastructure in place that are fully in line with the appropriate measures set out in section 3.2 of EPR 5.07?

No Provide justification for departure from EPR 5.07 and submit a copy of your procedures

Document reference

Yes EPR 5.07 procedure reference

4 Are monitoring procedures in place that are fully in line with the appropriate measures set out in section 3.3 of EPR 5.07?

No Provide justification for departure from EPR 5.07 and submit a copy of your procedures

Document reference

Yes EPR 5.07 procedure reference

5 Are you proposing to either

- accept an additional waste not included in Table 2.1 of section 2.1 of EPR 5.07, or
- apply a permitted activity to a waste other than that identified for that waste in Table 2.1?

No

Yes Provide justification

Document reference

6 Please provide a summary description of the treatment activities undertaken on the waste facility. This should cover the general principles set out in section 2.1.4 of EPR 5.07

Document reference for the summary

7 Please provide layout plans detailing the location of each treatment plant and main plant items and process flow diagrams for the treatment plant

Document reference

Appendix 2 – Specific questions for waste facilities that accept hazardous waste

Note: If your procedures are fully in line with the standards set out in ‘Recovery and disposal of hazardous and non-hazardous waste’ (SGN 5.06) then you should tick the ‘yes’ box and provide the procedure reference from SGN 5.06. There is no need for you to supply a copy of the procedure.

1 Are pre-acceptance procedures in place that are fully in line with the appropriate measures set out in section 2.1.1 of SGN 5.06, and which are used to assess a waste enquiry before it is accepted at the waste facility?

No Provide justification for departure from SGN 5.06 and submit a copy of your procedures

Document reference

Yes SGN 5.06 procedure reference

2 Are waste acceptance procedures in place that are fully in line with the appropriate measures set out in section 2.1.2 of SGN 5.06, and which are used to cover issues such as loads arriving and being inspected, sampling waste, rejecting waste, and keeping records to track waste?

No Provide justification for departure from SGN 5.06 and submit a copy of your procedures

Document reference

Yes SGN 5.06 procedure reference

3 Are waste storage procedures and infrastructure in place that are fully in line with the appropriate measures set out in section 2.1.3 of SGN 5.06?

No Provide justification for departure from SGN 5.06 and submit a copy of your procedures

Document reference

Yes SGN 5.06 procedure reference

4 Provide a layout plan giving details of where the waste facility is based, the infrastructure in place (including areas and structures for separately storing types of waste which may be dangerous to store together) and capacity of waste storage areas and structures

Document reference

5 Provide a summary of the treatment activities carried out on the waste facility. This should cover the general principles set out in section 2.1.4 of SGN 5.06

Document reference for the summary

6 Provide layout plans giving details of where each treatment plant is based, the main items at each plant, and process flow diagrams for the treatment plant

Document reference or references

Appendix 3 – Specific questions for the recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes

1 Provide an accurate and reliable characterisation of your compost like outputs (CLO). This should be based on sampling and analysis of the CLO produced by the treatment (MBT) process over a 12 month period and in accordance with section 2 of TGN 6.15

Document reference _____

2 Provide an agricultural benefit assessment for the use of your CLO. This should be based on section 2 of TGN 6.15 and should be signed and dated by an appropriate technical expert

Document reference _____

3 Provide a site specific risk assessment of risks to soil and food chain receptors. This should be based on Schedule 2 of TGN 6.15 and include a map with a green outline showing the boundary of the area being treated and include:

- locations where the waste will be stored and spread;
- any spring, well or borehole used to supply water for domestic or food production purposes that is within 250 metres of the area being treated;
- any spring, well or borehole not being used for domestic or food production purposes that is within 50 metres of the area being treated;
- any European designated sites (candidate or Special Area of Conservation, proposed or Special Protections Area in England and Wales or Ramsar Site) or Sites of Special Scientific Interest (SSSI) which are within 500 metres of the place where waste is to be stored or spread;
- the location of public rights of way;
- any Groundwater Source Protection Zones;
- surface watercourses;
- any buildings or houses within 250 metres of the area being treated;
- land drains within the boundary.

Document reference _____

4 Are the technical standards and measures fully in line with those set out in section 3 of TGN 6.15?

Yes

No Provide justification for departure from TGN 6.15 and a copy of the proposed technical standards, measures or procedures.

Document reference _____

Appendix 4 – Specific questions for inert waste landfill and deposit for recovery operations

1 Provide your Environmental Setting and Site Design (ESSD) report

Document reference _____

Note: You should use the Environment Agency template to help you develop an environmental setting and site design (ESSD) report.

2 Provide your Waste Acceptance Procedures (including Waste Acceptance Criteria)

Document reference _____

3 Have you provided a hydrogeological risk assessment (HRA) for the site?

Yes

No If no, please refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference _____

4 Have you completed an outline engineering plan for the site?

Yes

No If no, please refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference _____

5 Have you provided a stability risk assessment (SRA) for your site?

Yes

No If no, please refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference _____

6 Have you completed a monitoring plan for the site?

Yes

No If no, please refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference _____

7 Have you completed a plan for closing the site and procedures for looking after the site once it has closed?

Yes For inert waste landfill you must provide a closure plan

No If no for deposit for recovery activities please refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference _____

Spreading waste to support plant growth

8a Does the activity involve the deposit of waste to create or treat a growing medium (R10 for land treatment)?

Yes

No

Note: If you are not depositing waste to create or treat a growing medium, you do not need to answer questions 8b and 8c.

8b If you answered 'yes' to question 8a, can you meet both of the following criteria?

- waste types to be used for the R10 activity are top soils (EWC 17 05 04 or 20 02 02), peat (EWC 17 05 04 or 20 02 02) and/or soil from cleaning and washing beet (EWC 02 04 01) only, and
- The depth of deposit for the R10 activity will not exceed the final 50cm

Yes

No

8c If you have answered 'No' to 8b above, have you completed a benefit statement?

Yes

No If no, please explain why

Document reference _____

Note: Refer to our guidance when completing your statement (including EPR 8.01, section 6)