

# Application for an environmental permit Part A – About you



You will need to fill in this part A if you are applying for a new permit, applying to change an existing permit or surrender your permit, or want to transfer an existing permit to yourself. Please check that this is the latest version of the form available from our website.

You can apply online for Waste standard rules environmental permits, bespoke waste permits and bespoke Medium combustion plant permits

Apply online for an environmental permit.

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.

**Note:** if you believe including information on a public register would not be in the interests of national security you must enclose a letter telling us that you have told the Secretary of State. We will not include the information in the public register unless directed otherwise.

It will take less than one hour to fill in this part of the application form.

Where you see the term 'document reference' on the form, give the document references and send the documents with the application form when you've completed it.

### Contents

- 1 About you
  - 2 Applications from an individual
  - 3 Applications from an organisation of individuals or charity
  - 4 Applications from public bodies
  - 5 Applications from companies or corporate bodies
  - 6 Your address
  - 7 Contact details
  - 8 How to contact us
  - 9 Where to send your application
- Appendix 1 – Date of birth information for installation and waste activities (applications for a new permit or transferring a permit) only

## 1 About you

Are you applying as an individual, an organisation of individuals (for example, a partnership), a company (this includes Limited Liability Partnerships) or a public body?

An individual

Now go to section 2 and if you are applying for a new permit or transferring a permit for an installation or waste activity please also fill in Appendix 1

An organisation of individuals (for example, a partnership)

Now go to section 3 and if you are applying for a new permit or transferring a permit for an installation or waste activity please also fill in Appendix 1

A public body

Now go to section 4

A registered company or other corporate body

Now go to section 5 and if you are applying for a new permit or transferring a permit for an installation or waste activity please also fill in Appendix 1

## 2 Applications from an individual

### 2a Please give us the following details

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Now go to section 6

### 3 Applications from an organisation of individuals or charity

#### 3a Type of organisation

For example, a charity, a partnership, a group of individuals or a club

#### 3b Details of the organisation or charity

If you are an organisation of individuals, please give the details of the main representative below. If relevant, provide details of other members (please include their title Mr, Mrs and so on) on a separate sheet and tell us the document reference you have given this sheet

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Now go to question 3c or section 6

#### 3c Details of charity

Full name of charity

This should be the full name of the legal entity not any trading name.

#### 3d Company registration number

If you are registered with Companies House please tell us your registration number

#### 3e Charity Commission number

If you are registered with the Charity Commission please tell us your registration number

Now go to section 6

### 4 Applications from public bodies

#### 4a Type of public body

For example, NHS trust, local authority, English county council

#### 4b Name of the public body

#### 4c Please give us the following details of the executive

An officer of the public body authorised to sign on your behalf

Name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Position

Now go to section 6

### 5 Applications from companies or corporate bodies

#### 5a Name of the company

VPI Immingham LLP

#### 5b Company registration number

OC300980

Date of registration (DD/MM/YYYY)

15/11/2001

If you are applying as a corporate organisation that is not a limited company, please provide evidence of your status and tell us below the reference you have given the document containing this evidence.

Document reference

## 5 Applications from companies or corporate bodies, continued

### 5c Please give details of the directors

If relevant, provide details of other directors and company secretary, if there is one, on a separate sheet and tell us the reference you have given this sheet.

Document reference

Details of company secretary (if relevant) and director/s

Title (Mr, Mrs, Miss and so on)

First name

Last name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Now go to section 6

## 6 Your address

### 6a Your main (registered office) address

For companies this is the address on record at Companies House.

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

For an organisation of individuals every partner needs to give us their details, including their title Mr, Mrs and so on. So, if necessary, continue on a separate sheet and tell us below the reference you have given the sheet.

Document reference

### 6b Main UK business address (if different from above)

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

## 6 Your address, continued

Contact numbers, including the area code

Phone

Fax

Mobile

Email

Now go to section 7

## 7 Contact details

### 7a Who can we contact about your application?

It will help us if there is someone we can contact if we have any questions about your application. The person you name should have the authority to act on your behalf.

Please add a second contact on a separate sheet if this person is not always available.

Document reference of this separate sheet

This can be someone acting as a consultant or an 'agent' for you.

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

### 7b Who can we contact about your operation (if different from question 7a)?

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

## 7 Contact details, continued

### 7c Who can we contact about your billing or invoice?

**Note:** Please provide the name and address that all invoices should be sent to for your subsistence fees.

As in question 7a

As in question 7b

Please give details below if different from question 7a or 7b.

Contact name

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

## 8 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](mailto:enquiries@environment-agency.gov.uk)

Website: [www.gov.uk/government/organisations/environment-agency](http://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. More information on how to do this is available at: [www.gov.uk/government/organisations/environment-agency/about/complaints-procedure](http://www.gov.uk/government/organisations/environment-agency/about/complaints-procedure).

**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.**

## 9 Where to send your application

For how many copies to send see the guidance note on part A.

For water discharges by email to [PSC-WaterQuality@environment-agency.gov.uk](mailto:PSC-WaterQuality@environment-agency.gov.uk)

For waste and installations by email to [PSC@environment-agency.gov.uk](mailto:PSC@environment-agency.gov.uk)

For flood risk activity permits send 1 copy only to [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk) or to the local Environment Agency office for where the work is proposed to be carried out.

Or

Permitting Support, NPS Sheffield  
Quadrant 2  
99 Parkway Avenue  
Parkway Business Park  
Sheffield  
S9 4WF

## 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

£ \_\_\_\_\_

## Appendix 1 – Date of birth information for installation and waste activities (applications for a new permit or transferring a permit) only

### Date of birth information in this appendix will not be put onto our Public Register

Are you applying as an individual, an organisation of individuals (for example, a partnership) or a company (this includes Limited Liability Partnerships)?

- An individual  Now go to 2
- An organisation of individuals (for example, a partnership)  Now go to 3
- A registered company or other corporate body  Now go to 4

### 2 Applications from an individual

Please give us the following details

Name

Date of birth (DD/MM/YY)

### 3 Applications from an organisation of individuals or charity

#### Details of the organisation or charity

If you are an organisation of individuals, please give the date of birth details of the main representative below. If relevant, provide details of other members on a separate sheet and tell us the document reference you have given this sheet.

Name

Date of birth (DD/MM/YY)

Document reference

### 4 Applications from companies or corporate bodies

Name of the company

Please give the date of birth details for all directors and company secretary if there is one. If relevant, provide those details of other directors on a separate sheet and tell us the document reference you have given this sheet.

Details of company secretary (if relevant) and director/s

Name

Date of birth (DD/MM/YY)

Name

Date of birth (DD/MM/YY)

Name

Date of birth (DD/MM/YY)

Document reference

# Application for an environmental permit

## Part C2 – General – varying a bespoke permit



Fill in this part of the form, together with part A and the relevant parts of C3 to C7 and part F1 or F2, if you are applying to vary (change) the conditions or any other part of the permit. Please check that this is the latest version of the form available from our website.

You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or changing existing ones).

**Waste operation changing to installation or vice versa?**

If your changes mean that a waste operation becomes an installation (or vice versa) you also need to fill in either part C3 (waste to installation) or part C4 (installation to waste).

You do not need to resend any information from your original permit application if it is not affected by your proposed changes.

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 two hours to fill in this part of the application form.

**Contents**

- 1 About the permit
  - 2 About your proposed changes
  - 3 Your ability as an operator
  - 4 Consultation
  - 5 Supporting information
  - 6 Environmental risk assessment
  - 7 How to contact us
- Appendix 1 – Low impact installation checklist  
Appendix 2 – Date of birth information for Relevant offences and/or Technical ability questions only

### 1 About the permit

Note: If you are applying to convert your existing permit to a standard permit or add a standard facility you need to fill out form C1.

#### 1a Discussions before your application

If you have had discussions with us before your application, give us the permit reference or details on a separate sheet. Tell us below the reference you have given this extra sheet.

Permit or document reference

#### 1b Permit number

What is the permit number that this application relates to?

#### 1c Site details

What is the name, address and postcode of the site?

Site name

Address





Postcode

### 2 About your proposed changes

#### 2a Type of variation

What type of variation are you applying for?

Minor technical

Normal variation

Substantial



## 2 About your proposed changes, continued

### 2b Changes or additions to existing activities

Please give us brief details in the box below. More detailed information can be given in Table 1 below.

VPI intend to retrofit two Post-Combustion Carbon Capture (PCC) plants treating the flue gas emitted from the Installation's existing two gas turbines and two auxiliary boilers to remove the carbon dioxide (CO<sub>2</sub>) for subsequent compression and storage. The plant and associated facilities for capturing CO<sub>2</sub> from GT1 and GT2 and the two Aux Boilers will comprise two PCC plant units, each with a dedicated train of CO<sub>2</sub> compression, oxygen removal and dehydration to achieve a pure CO<sub>2</sub> stream at approximately 30 barg (low pressure). The captured CO<sub>2</sub> from both PCC plants will be further compressed to deliver the assumed 135 barg required for export to the CO<sub>2</sub> T&S network. The PCC plants will be designed approximately 95% CO<sub>2</sub> capture during steady state operation.

Fill in Table 1 with details of all the proposed changes to current activities. In the final column of the table, give us the document reference for the proposed changes and send them to us with your filled in application form.

Fill in a separate table for each activity you are applying to vary or add. 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 this document.

Document reference

Main Supporting Document, Section 2.2, Table 2.1

You only need to fill in one table for your mining waste operations.

### 2c Consolidating (combining) or updating existing permits

If your proposed change is to modernise (update) your permit, now answer 2c1; otherwise go to 2d.

If your proposed change is to consolidate (combine) a number of permits, now answer 2c2; otherwise go to 2d.

Note: In both cases we may require additional information from you about, for example, your management system. Therefore we would always advise you to talk to us before you submit any application to modernise or consolidate permits.

2c1 Do you want to have a modern style permit?

No

Yes

2c2 Identify all the permits you want to consolidate (combine) by listing the permit numbers in Table 2 below

**Table 2 – Permit numbers**


### 2d Treating batteries

2d Are you proposing to treat batteries?

No

Yes  Tell us how you will do this and send us a copy of your explanation and tell us below the reference you have given this explanation

Document reference for the explanation

### 2e Ship recycling

2e1 Is your activity covered by the Ship Recycling Regulations 2015? (See the guidance notes on part C2.)

No

Yes  Tell us how you will do this. Please send us a copy of your explanation and your facility recycling plan, and tell us below the reference numbers you have given these documents

Document reference for the explanation

Document reference for the facility recycling plan

2e2 Is this a renewal of an existing authorisation covered by the Ship Recycling Regulations 2015?

No

Yes  Tell us the expiry date of your existing authorisation

(DD/MM/YYYY)

## 2 About your proposed changes, continued

**Table 1 – Changes to existing activities**

Fill in Table 1 with details of all the proposed changes to current activities. In the final column of the table, give us the document reference for the proposed changes and send them to us with your filled in application form.

Name	Installation schedule 1 references	Description of the installation activity	Description of waste operation	Description of the mining waste operations	Description of water discharge activity	Description of groundwater activity	Proposed changes document reference
i.e. name of installation, waste operation, mining waste operation, water discharge activity or groundwater activity							
Example – effluent unique name					Example – treated sewage effluent		
If you do not have enough room, go to the line below or send a separate document and give us the document reference here							
Immingham CHP Pow							Main Supporting Docu
							Section 2.2, Table 2.1

## 2 About your proposed changes, continued

### 2f Low impact installations (installations only)

2f1 Will any changes mean that any of the regulated facilities will become low impact installations?

No  Now go to section 3

Yes  If yes, tell us how you meet the conditions for a low impact installation (see the guidance notes on part C2 – Appendix 1)

Document reference

Tick the box to confirm you have filled in the low impact installation checklist in appendix 1 for each regulated facility

## 3 Your ability as an operator

If you are applying to add waste installations or waste operations to a permit that has not previously had them, you need to fill in all of section 3.

If you are applying to consolidate (combine) two or more permits or have an updated permit you must fill in question 3d.

This section does not apply for applications to surrender a permit.

### 3a Relevant offences

Installations and waste operations only (see the guidance notes on part C2).

3a1 Have you, or any other relevant person, been convicted of any relevant offence?

No  Now go to question 3b

Yes  Please give details below

Name of the relevant person

Title (Mr, Mrs, Miss and so on)

First name

Last name

Position held at the time of the offence

Name of the court where the case was dealt with

Date of the conviction (DD/MM/YY)

Offence and penalty set

Date any appeal against the conviction will be heard (DD/MM/YYYY)

If necessary, use a separate sheet to give us details of other relevant offences and tell us below the reference number you have given the extra sheet.

Document reference

Now go to question 3b

Please also complete the details in Appendix 2.

### 3b Technical ability

Specified waste management activities and waste operations only (see the guidance notes on part C1).

Please indicate which of the two schemes you are using to demonstrate you are technically competent to operate your facility and the evidence you have enclosed to demonstrate this.

#### ESA/EU skills

I have enclosed a copy of the current Competence Management System certificate

#### CIWM/WAMITAB scheme

Please select one of the following:

• I have enclosed a copy of:

- the relevant qualification certificate/s

or

- evidence of deemed competence

or

### 3 Your ability as an operator, continued

- Environment Agency assessment
- or
- evidence of nominated manager status under the transitional provisions for previously exempt activities

and, if deemed competent or Agency-assessed, or if there is evidence of a nominated manager, or if the original qualification is over two years old:

I have enclosed a copy of the relevant current continuing competence certificate/s

For each technically competent manager please give the following information. If necessary, use a separate sheet to give us these details and tell us below the document reference you have given the extra sheet.

Title (Mr, Mrs, Miss and so on)	<input type="text"/>
First name	<input type="text"/>
Last name	<input type="text"/>
Phone	<input type="text"/>
Mobile	<input type="text"/>
Email	<input type="text"/>

Please provide the environmental permit number/s and site address for **all** other waste activities that the proposed technically competent manager provides technical competence for, including permits held by other operators. Continue on a separate sheet as required.

Permit number	Site address	Postcode

Document reference

Now go to question 3c

Please also complete the details in Appendix 2.

### 3c Finances

Installations, waste operations and mining waste operations only (see the guidance notes on part C2).

**Please note that if you knowingly or carelessly make a statement that is false or misleading to help you get an environmental permit (for yourself or anyone else), you may be committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.**

Do you or any relevant person or a company in which you were a relevant person have current or past bankruptcy or insolvency proceedings against you?

No

Yes  Please give details below, including the required set-up costs (including infrastructure), maintenance and clean up costs for the proposed facility against which a credit check may be assessed

We may want to contact a credit reference agency for a report about your business's finances.

### 3 Your ability as an operator, continued

#### Landfill, Category A mining waste facilities and mining waste facilities for hazardous waste only

How do you plan to make financial provision (to operate a landfill or a mining waste facility you need to show us that you are financially capable of meeting the obligations of closure and aftercare)?

Renewable bonds

Cash deposits with the Environment Agency

Other – provide comprehensive details

Document reference

Provide a cost profile and expenditure plan of your estimated costs throughout the aftercare period of your site.

Document plan reference

Now go to question 3d

#### 3d Management systems

You must have an effective, written management system in place that identifies and reduces the risk of pollution. You may show this by using a certified scheme or your own system.

Your permit requires you (as the operator) to ensure that you manage and operate your activities in accordance with a written management system.

You need to be able to explain what happens at each site and which parts of the overall management system apply. For example, at some sites you may need to show you are carrying out additional measures to prevent pollution because they are nearer to sensitive locations than others.

You can find guidance on management systems on our website at [www.gov.uk/government/organisations/environment-agency](http://www.gov.uk/government/organisations/environment-agency).

Tick this box to confirm that you have read the guidance and that your management system will meet our requirements

What management system will you provide for your regulated facility?

ISO 14001

BS 8555 (Phases 1–5)

Acorn

Green dragon

Own management system

Please make sure you send us a summary of your management system with your application.

Document reference/s

### 4 Consultation

Fill in 4a to 4c for installations and waste operations and 4d for installations only.

Could the waste operation or installation involve releasing any substance into any of the following?

#### 4a A sewer managed by a sewerage undertaker?

No

Yes  Please name the sewerage undertaker

#### 4b A harbour managed by a harbour authority?

No

Yes  Please name the harbour authority

#### 4c Directly into relevant territorial waters or coastal waters within the sea fisheries district of a local fisheries committee?

No

Yes  Please name the fisheries committee

## 4 Consultation, continued

### 4d Is the installation on a site for which:

4d1 a nuclear site licence is needed under section 1 of the Nuclear Installations Act 1965?

No

Yes

4d2 a policy document for preventing major accidents is needed under regulation 5 of the Control of Major Accident Hazards Regulations 2015, or a safety report is needed under regulation 7 of those Regulations?

No

Yes

## 5 Supporting information

### 5a Provide a plan or plans for the site

See the guidance notes on part C2 for what needs to be marked on the plan.

Clearly mark the site boundary or discharge point, or both. Also include site drainage plans, site layout plans, and plant design drawings/process flow diagrams (as required). (See the guidance notes on part C2.)

Document reference/s of the plans

Main Supporting Document, Appendix A, Figure 2, 3, 4

### 5b Do any of the variations you plan to make need extra land to be included in the permit?

No

Yes  Please provide a site report for the extra land

Document report reference/s

Main Supporting Document, Appendix C

### 5c Provide a non-technical summary of your application

Document reference of the summary

Main Supporting Document, Section 1

### 5d Risk of fire from sites storing combustible waste

Are you applying for an activity that includes the storage of combustible wastes?

(This applies to all activities excluding standalone water and groundwater discharges.)

No  Go to question 5f

Yes  Go to question 5e

### 5e Will your variation increase the risk of a fire occurring or increase the environmental risk if a fire occurs?

See the guidance notes on part C2.

No

Yes  Provide a fire prevention plan. You need to highlight any changes you have made since your pre-application discussions

Document reference of the plan

### 5f Adding an installation

If you are applying to add an installation, tick the box to confirm that you have sent in a baseline report and provide a reference

Document reference of the report

## 6 Environmental risk assessment

If you need one, see the guidance notes on part C2.

Provide an assessment of any additional risks the proposed changes or additions to your regulated facilities poses to the environment as part of your application to vary this permit. The risk assessment must follow the methodology set out in 'Risk assessments for your environmental permit' at <https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit> or an equivalent method.

Document reference for the assessment

Main Supporting Document, Section 7, Appendix F, G and H

## 7 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](mailto:enquiries@environment-agency.gov.uk)

Website: [www.gov.uk/government/organisations/environment-agency](http://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.

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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 appendix 1.****Appendix 1 – Low impact installation checklist**

Installation reference			
Condition	Response		Do you meet this?
A – Management techniques	Provide references to show how your application meets A		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
B – Aqueous waste	Effluent created	m <sup>3</sup> /day	Yes <input type="checkbox"/> No <input type="checkbox"/>
C – Abatement systems	Provide references to show how your application meets C		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
D – Groundwater	Do you plan to release any hazardous substances or non-hazardous pollutants into the ground?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
E – Producing waste	Hazardous waste	Tonnes per year	Yes <input type="checkbox"/>
	Non-hazardous waste	Tonnes per year	No <input type="checkbox"/>
F – Using energy	Peak energy consumption	MW	Yes <input type="checkbox"/> No <input type="checkbox"/>
G – Preventing accidents	Do you have appropriate measures to prevent spills and major releases of liquids? (See 'How to comply'.)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Provide references to show how your application meets G		
	References		
H – Noise	Provide references to show how your application meets H		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
I – Emissions of polluting substances	Provide references to show how your application meets I		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
J – Odours	Provide references to show how your application meets J		Yes <input type="checkbox"/>
	References		No <input type="checkbox"/>
K – History of keeping to the regulations	Say here whether you have been involved in any enforcement action as described in Compliance History Appendix 1 explanatory notes	Yes <input type="checkbox"/> No <input type="checkbox"/>	



## Appendix 2 – Date of birth information for Relevant offences and/or Technical ability questions only

### Date of birth information in this appendix will not be put onto our Public Register

Have you filled in the Relevant Offences question?

Yes

No

Have you filled in the Technical ability question?

Yes

No

### 2 Relevant Offences - date of birth information

Please give us the following details

Name

Date of birth (DD/MM/YY)

### 3 Technical ability - date of birth information

Name

Date of birth (DD/MM/YY)

# Application for an environmental permit

## Part C3 – Variation to a bespoke installation permit



Fill in this part of the form, together with part A, part C2 and part F1, if you are applying to vary (change) the conditions or any other part of the permit.

Please check that this is the latest version of the form available from our website.

You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or making changes to existing ones).

You do not need to resend any information from your original permit application if it is not affected by your proposed changes.

Please read through this form and the guidance notes that go 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 activities are you applying for?](#)
- [2 Point source emissions to air, water and land](#)
- [3 Operating techniques](#)
- [4 Monitoring](#)
- [5 Environmental impact assessment](#)
- [6 Resource efficiency and climate change](#)
- [Appendix 1 – Specific questions for the combustion sector](#)
- [Appendix 2 – Specific questions for the chemical sector](#)
- [Appendix 3 – Specific questions for the waste incineration sector](#)
- [Appendix 4 – Specific questions for the landfill sector and recovery of hazardous waste on land activities](#)

## 1 What activities are you applying to vary?

Fill in Table 1a below with details of all the activities listed in schedule 1 or other references (see note 1) of the Environmental Permitting Regulations (EPR) and all directly associated activities (DAAs) (in separate rows), that you propose to vary.

**Note: if you want to add a Medium Combustion Plant or Specified Generator (MCP/SG) to your installation please use part C2.5 instead. If you want to vary an intensive farm permit please use part C3.5 instead.**

Fill in a separate table for each installation you are applying to vary. 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 document.

Document reference

Main Supporting Document, Section 2.2, Table 2.1

## 1 What activities are you applying to vary?, continued

**Table 1a – Types of activities**

Schedule 1 listed activities						
Installation name	Schedule 1 or other references (See note 1)	Description of the activity (See note 2)	Activity capacity (See note 3)	Annex I (D codes) and Annex II (R codes) and descriptions	Hazardous waste treatment capacity (if this applies) (See note 3)	Non-hazardous waste treatment capacity (if this applies) (See note 3)
If there are not enough rows, send a separate document and give the document reference number here	Put your main activity first			For installations that take waste only	For installations that take waste only	For installations that take waste only
Immingham CHP Power Plant <b>+</b>	Main Supporting <b>+</b>					
Directly associated activities (See note 4)						
Name of DAA		Description of the DAA (please identify the schedule 1 activity it serves)				
If there are not enough rows, send a separate document and give the document reference number here						
For installations that take waste (See note 5 below)		Total storage capacity				
		Annual throughput (tonnes each year)				

## 1 What activities are you applying to vary?, continued

### Notes

1. Quote the section number, part A1 or A2 or B, then paragraph and sub paragraph number as shown in EPR part 2 of schedule 1.
2. Use the description from schedule 1 of EPR. Include any extra detail that you think would help to accurately describe what you want to do.
3. By ‘capacity’, we mean:
  - the total incineration capacity (tonnes every hour) for waste incinerators
  - the total landfill capacity (cubic metres) for landfills
  - the total capacity (cubic metres) for the recovery of hazardous waste on land
  - the total treatment capacity (tonnes each day) for waste treatment operations
  - the total storage capacity (tonnes) for waste storage operations
  - the processing and production capacity for manufacturing operations, or
  - the thermal input capacity for combustion activities
4. Fill this in as a separate line and give an accurate description of any other activities associated with your schedule 1 activities. You cannot have Directly Associated Activities (DAAs) as part of a mobile plant application.
5. By ‘total storage capacity’, we mean the maximum amount of waste, in tonnes, you store on the site at any one time.

### Types of waste accepted

For those installations that take waste, for each line in Table 1a (including DAAs), fill in a separate document to list those wastes you will accept on to the site for that activity. Give the List of Wastes catalogue code and description (see <https://www.gov.uk/government/publications/waste-classification-technical-guidance>).

If you need to exclude waste 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.

Please provide the reference for each document.

You can use Table 1b as a template.

If you want to accept any waste with a code ending in 99, you must provide more information and a full description of the waste in the document, (for example, detailing the source, nature and composition of the waste). Where you only want to receive specific wastes within a waste code you can provide further details of the waste you want to receive. Where a waste is dual coded you should use both codes for the waste.

Document reference of this extra information

**1 What activities are you applying to vary?, continued****Table 1b – Template example – types of waste accepted and restrictions**

Waste code	Description of the waste
Example	Example
02 01 08*	Agrochemical waste containing hazardous substances
18 01 03*	Infectious clinical waste, not contaminated with chemicals or medicines – human healthcare (may contain sharps) for alternative treatment
17 05 03*/17 06 05*	Non-hazardous soil from construction or demolition contaminated with fragments of asbestos cement sheet

**1c Recovery of hazardous waste on land**

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

No  Now go to question 2

Yes

**Have you written a waste recovery plan (WRP) that shows that you will use waste to perform the same function as non waste materials you would have used?**

No You must write a WRP to support your application.

Yes

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

No

Yes

**Have there been any changes to your proposal since the discussions?**

No

Yes

Please send us a copy of your current waste recovery plan that complies with our guidance at <https://www.gov.uk/government/publications/deposit-for-recovery-operators-environmental-permits/waste-recovery-plans-and-deposit-for-recovery-permits>. You need to highlight any changes you may have made since your pre-application discussions.

Document reference \_\_\_\_\_

Please note that there is an additional charge for the assessment or re assessment of a waste recovery plan that must be submitted as part of this application. For the charge see <https://www.gov.uk/government/publications/environmental-permitting-charges-guidance/environmental-permitting-charges-guidance>

## 2 Point source emissions to air, water and land

Fill in Table 2 below with details of the point source emissions that result from the operating techniques at each of your installations.

Fill in one table for each installation, continuing on a separate sheet if necessary.

**Table 2 – Emissions (releases)**

Installation name	Immingham CHP Power Plant			
<b>Point source emissions to air</b>				
Emission point reference and location	Source	Parameter	Quantity	Unit
Main Supporting Document, Section 5.1				
<b>Point source emissions to water (other than sewers)</b>				
Emission point reference and location	Source	Parameter	Quantity	Unit
Main Supporting Document, Section 5.2				
<b>Point source emissions to sewers, effluent treatment plants or other transfers off site</b>				
Emission point reference and location	Source	Parameter	Quantity	Unit
Main Supporting Document, Section 5.3				
<b>Point source emissions to land</b>				
Emission point reference and location	Source	Parameter	Quantity	Unit
Main Supporting Document, Section 5.4				

You will also need to complete application form part C6 if your variation includes changing or adding a point source emission(s) to:

- water
- groundwater or
- sewer

## Supporting information

### 3 Operating techniques

#### 3a Technical standards

Fill in Table 3a for each activity at the installation you refer to in Table 1a above and list the ‘Best Available Techniques’ you are planning to use. If you use the standards set out in the relevant BAT conclusion(s), BAT reference document(s) (BREF) and/or technical guidance(s) (TGN) there is no need to justify using them within your documents in Table 3a.

For Part A(2) activities refer to <https://www.gov.uk/government/collections/integrated-pollution-prevention-and-control-sector-guidance-notes> and for Part B and Schedule 14 activities see <https://www.gov.uk/government/collections/local-air-pollution-prevention-and-control-lappc-process-guidance-notes>

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 C2 (general bespoke permit) of the application form.

For each of the activities listed in Table 1a, the documents in Table 3a should summarise:

- the operations undertaken
- the measures you will use to control the emissions from your process, as identified in your risk assessment or the relevant BAT conclusions, BREF or technical guidance
- how you will meet other standards set out in the relevant BAT conclusions document, BREF or technical guidance

**Table 3 – Technical standards**

Fill in a separate table for each activity at the installation.

Installation name		
Description of the schedule 1 activity or directly associated activity	Best available technique (BATC, BREF or TGN reference) (see footnote below)	Document reference (if appropriate)
		Main Supporting Document, Section 4.1

\* Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control)

In all cases, describe the type of facility or operation you are applying for and provide site infrastructure plans, location plans and process flow diagrams or block diagrams to help describe the operations and processes undertaken. Give the document references you use for each plan, diagram and description.

Document reference Main Supporting Document, Section 4.2 and Appendix A

3a1 Does your permit (in Table 1.2 Operating Techniques or similar table in the permit) have references to any of your own documents or parts of documents submitted as part of a previous application for this site?

No  Now go to 3b

Yes  Please tell us in a separate document what document references are no longer valid or have been superseded and why

Please also tell us below the reference number you have given the document and send it in with your application

Document reference \_\_\_\_\_



### 3b General requirements

Fill in a separate Table 4 for each installation.

Table 4 – General requirements

Name of the installation	Immingham CHP Power Plant
If the technical guidance 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 N/A
Where the technical guidance or your risk assessment shows that odours are an important issue, send us your odour management plan	Document reference or references N/A
If the technical guidance 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 Main Supporting Document, Appendix I

For guidance on risk assessments for your environmental permit see <https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit>

### 3c Types and amounts of raw materials

Fill in Table 5 for all schedule 1 activities. Fill in a separate table for each installation.

Table 5 – Types and amounts of raw materials

Name of the installation		Immingham CHP Power Plant		
Capacity (See note 1 below)				
Schedule 1 activity	Description of raw material and composition	Maximum amount (tonnes) (See note 2 below)	Annual throughput (tonnes each year)	Description of the use of the raw material including any main hazards (include safety data sheets)

#### Notes

- By 'capacity', we mean the total storage capacity (tonnes) or total treatment capacity (tonnes each day).
- By 'maximum amount', we mean the maximum amount of raw materials on the site at any one time.

Use a separate sheet if you have a long list of raw materials, and send it to us with your application form. Please also provide the reference of this extra sheet.

Document reference

Main Supporting Document, Section 4.8, Table 4.1

### 3d 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 6 – Questions for specific sectors**

Sector	Appendix
Combustion	<a href="#">See the questions in appendix 1</a>
Chemicals	<a href="#">See the questions in appendix 2</a>
Incinerating waste	<a href="#">See the questions in appendix 3</a>
Landfill and recovery of hazardous waste on land	<a href="#">See the questions in appendix 4</a>

## General information

Complete section 4 if you are proposing to change or add an emission point(s).

### 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
- the procedures you follow to assess the measures

Document reference

Main Supporting Document, Section 6

#### 4b Point source emissions to air only

4b1 Has the sampling location been designed to meet BS EN 15259 clause 6.2 and 6.3?

No

Yes

4b2 Are the sample ports large enough for monitoring equipment and positioned in accordance with section 6 and appendix A of BS EN 15259?

No

Yes

4b3 Is access adjacent to the ports large enough to provide sufficient working area, support and clearance for a sample team to work safely with their equipment throughout the duration of the test?

No

Yes

4b4 Are the sample location(s) at least 5 HD from the stack exit

No

Yes

4b5 Are the sample location(s) at least 2 HD upstream from any bend or obstruction?

No

Yes

4b6 Are the sample location(s) at least 5 HD downstream from any bend or obstruction?

No

Yes

4b7 Does the sample plane have a constant cross sectional area?

No

Yes

4b8 If horizontal, is the duct square or rectangular (unless it is less than or equal to 0.35 m in diameter)

No

Yes

4b9 If you have answered 'No' to any of the questions 4b1 to 4b8 above, provide an assessment to how the standards in BS EN 15259 will be met.

Document reference of the assessment

## 5 Environmental impact assessment

### 5a Have your proposals been the subject of an environmental impact assessment under Council Directive 85/337/EEC of 27 June 1985 [Environmental Impact Assessment] (EIA)?

No  Now go to question 6

Yes  Please provide a copy of the environmental statement and, if the procedure has been completed:

- a copy of the planning permission
- the committee report and decision on the EIA

Document reference of the copy

Main Supporting Document, Appendix B

## 6 Resource efficiency and climate change

If the site is a landfill or a recovery of hazardous waste on land activity, you only need to fill in this section if the application includes gas engines.

### 6a Describe the basic measures for improving how energy efficient your activities are

Document reference of the description

Main Supporting Document, Section 4.11

### 6b Provide a breakdown of any changes to the energy your activities use up and create

Document reference of the description

Main Supporting Document, Section 4.12

### 6c Have you entered into, or will you enter into, a climate change levy agreement?

No  Describe the specific measures you use for improving your energy efficiency

Document reference of the description

Main Supporting Document, Section 4.10

Yes  Please give the date you entered  
(or the date you expect to enter)

into the agreement (DD/MM/YYYY)

Please also provide documents that prove you are taking part in the agreement.

Document reference of the proof

### 6d Explain and justify the raw and other materials, other substances and water that you will use

Document reference of the justification

Main Supporting Document, Section 4.8

### 6e Describe how you avoid producing waste in line with Council Directive 2008/98/EC on waste

If you produce waste, describe how you recover it. If it is technically and financially impossible to recover the waste, describe how you dispose of it while avoiding or reducing any effect it has on the environment.

Document reference of the description

Main Supporting Document, Section 4.9

## 7 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](mailto:enquiries@environment-agency.gov.uk)

Website: <https://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)

\_\_\_\_\_

Payment received?

No

Our reference number

\_\_\_\_\_

Yes

Amount received

£ \_\_\_\_\_

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

## Appendix 1 – Specific questions for the combustion sector

### 1 Identify the type of fuel burned in your combustion units (including when your units are started up, shut down and run as normal). If your units are dual fuelled (that is, use two types of fuel), list both the fuels you use

Fill in a separate table for each installation.

Installation reference	Immingham CHP Power Plant		
Type of fuel	When run as normal	When started up	When shut down
Coal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gas oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heavy fuel oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Natural gas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WID waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (see notes 1 and 2 below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landfill gas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Notes

- Not covered by Industrial Emissions Directive 2010/75/EU.
- 'Biomass' is referred to The Renewables Obligation Order 2002 (<https://www.legislation.gov.uk/uksi/2002/914/contents/made>)

Give extra information if it helps to explain the fuel you use.

Document reference

**Appendix 1 – Specific questions for the combustion sector, continued****2 Give the composition range of any fuels you are currently allowed to burn in your combustion plant**

Fill in a separate table for each installation, continuing on a separate sheet if necessary

Fuel use and analysis					
Installation reference	Immingham CHP Power Plant - No change in fuel use proposed				
Parameter	Unit	Fuel 1	Fuel 2	Fuel 3	Fuel 4
Maximum percentage of gross thermal input	%				
Moisture	%				
Ash	% wt/wt dry				
Sulphur	% wt/wt dry				
Chlorine	% wt/wt dry				
Arsenic	% wt/wt dry				
Cadmium	% wt/wt dry				
Carbon	% wt/wt dry				
Chromium	% wt/wt dry				
Copper	% wt/wt dry				
Hydrogen	% wt/wt dry				
Lead	% wt/wt dry				
Mercury	% wt/wt dry				
Nickel	% wt/wt dry				
Nitrogen	% wt/wt dry				
Oxygen	% wt/wt dry				
Vanadium	mg/kg dry				
Zinc	mg/kg dry				
Net calorific value	MJ/kg				

**Appendix 1 – Specific questions for the combustion sector, continued****3 If NO<sub>x</sub> factors are necessary for reporting purposes (that is, if you do not need to monitor emissions), please provide the factors associated with burning the relevant fuels**

Fill in a separate table for each installation.

Installation reference	Immingham CHP Power Plant
Fuel	NO <sub>x</sub> factor (kg t <sup>-1</sup> )
Fuel 1	N/A
Fuel 2	N/A
Fuel 3	N/A
Fuel 4	N/A

Note: kg t<sup>-1</sup> means kilograms of nitrogen oxides released for each tonne of fuel burned.

**4 Will your combustion plant be subject to Chapter III of the Industrial Emissions Directive 2010/75/EU?**

No  Now fill in application form part F

Yes

**5 What is your plant?**

an existing one  A plant licensed before 1 July 1987

a new one  A plant licensed on or after 1 July 1987 but before 27 November 2002, or a plant for which an application was made before 27 November 2002 and which was put into operation before 27 November 2003

a new-new one  A plant for which an application was made on or after 27 November 2002 If you run more than one type of plant or a number of the same type of plant on your installation, please list them in the table below

**6 If you run more than one type of plant or a number of the same type of plant on your installation, please list them in the table below**

Fill in a separate table for each installation.

Installation reference	N/A
Type of plant	Number within installation
Existing	
New	
New-new	
Gas turbine (group A)	
Gas turbine (group B)	



## Appendix 1 – Specific questions for the combustion sector, continued

**7 If you run an existing plant, have you submitted a declaration for the ‘limited life derogation’ set out in Article 33 of Chapter III of the Industrial Emissions Directive?**

No  Now go to question 9

Yes

**8 Have you subsequently withdrawn your declaration?**

No

Yes

**9 List the existing large combustion plants (LCPs) which have annual mass allowances under the National Emission Reduction Plan (NERP), and those with emission limit values (ELVs) under the LCPD**

Installation reference	Immingham CHP Power Plant
LCPs under NERP	LCPs with ELVs
	LCP188, LCP415

**10 Do you meet the monitoring requirements of Chapter III of the Industrial Emissions Directive?**

No

Yes  Document reference

Main Supporting Document, Section 6

**11 Are you substantially refurbishing an existing installation according to the meaning given in Article 14 of the Energy Efficiency Directive?**

No

Yes  Now go to question 12

**12 Have you carried out a cost–benefit assessment (CBA) of opportunities for cogeneration (combined heat and power) or district heating under Article 14 of the Energy Efficiency Directive?**

No  Please provide supporting evidence of why a CBA is not required (for example, an agreement from us)

Document reference of this evidence

The installation already operates as a CHP plant.

Yes  Please submit a copy of your CBA

Document reference of the CBA

## Appendix 2 – Specific questions for the chemical sector

### 1 Please provide a technical description of your activities

- The description should be enough to allow us to understand:
  - the process
  - the main plant and equipment used for each process
  - all reactions, including significant side reactions (that is, the chemistry of the process)
  - the material mass flows (including by products and side streams) and the temperatures and pressures in major vessels
  - the all emission control systems (both hardware and management systems), for situations which could involve releasing a significant amount of emissions – particularly the main reactions and how they are controlled
- a comparison of the indicative BATs and benchmark emission levels standards: technical guidance notes (TGNs) (see <https://www.gov.uk/government/collections/technical-guidance-for-regulated-industry-sectors-environmental-permitting>); additional guidance ‘The production of large volume organic chemicals’ (EPR 4.01); ‘Speciality organic chemicals sector’ (EPR 4.02); ‘Inorganic chemicals sector’ (EPR 4.03); and best available techniques reference documents (BREFs) for the chemical sector

Document reference \_\_\_\_\_

### 2 If you are applying for a multi-purpose plant, do you have a multi-product protocol in place to control the changes?

No

Yes  Provide a copy of your protocol to accompany this application

Document reference \_\_\_\_\_

### 3 Does Chapter V of the Industrial Emissions Directive (IED) apply to your activities?

No

Yes  Fill in the following

#### 3a List the activities which are controlled under the IED

Installation reference	
Activities	

#### 3b Describe how the list of activities in question 3a above meets the requirements of the IED

Document reference \_\_\_\_\_

## Appendix 3 – Specific questions for the waste incineration sector

If you are proposing to accept clinical waste, please complete your answer to question 3a ‘Technical standards’ with reference to relevant parts of our healthcare waste appropriate measures guidance (see <https://www.gov.uk/guidance/healthcare-waste-appropriate-measures-for-permitted-facilities>)

### 1a Do you run incineration plants as defined by Chapter IV of the Industrial Emissions Directive (IED)?

- No  You do not need to answer any other questions in this appendix  
 Yes  IED applies

### 1b Are you subject to IED as

- An incinerator?   
 A co-incinerator?

### 2 Do any of the installations contain more than one incineration line?

- No  Now go to question 4  
 Yes

### 3 How many incineration lines are there within each installation?

Fill in a separate table for each installation.

Installation reference		
Number of incineration lines within the installation		
Reference identifiers for each line		

You must provide the information we ask for in questions 4, 5 and 6 below in separate documents. The information must at least include all the details set out in section 2 (‘Key Issues’) of S5.01 ‘Incineration of waste: additional guidance’ (under the sub heading ‘European legislation and your application for an EP Permit’). See <https://www.gov.uk/government/collections/technical-guidance-for-regulated-industry-sectors-environmental-permitting>.

You must answer questions 7 to 13 on the form below.

### 4 Describe how the plant is designed, equipped and will be run to make sure it meets the requirements of IED, taking into account the categories of waste which will be incinerated

Document reference

### 5 Describe how the heat created during the incineration and co-incineration process is recovered as far as possible (for example, through combined heat and power, creating process steam or district heating)

Document reference

### Appendix 3 – Specific questions for the waste incineration sector, continued

#### 6 Describe how you will limit the amount and harmful effects of residues and describe how they will be recycled where this is appropriate

Document reference \_\_\_\_\_

For each line identified in question 3, answer questions 7 to 13 below

Question 3 identifier, if necessary \_\_\_\_\_

#### 7 Do you want to take advantage of the Article 45 (1)(f) allowance (see below) if the particulates, CO or TOC continuous emission monitors (CEM) fail?

No

Yes  This allows ‘abnormal operation’ of the incineration plant under certain circumstances when the CEM for releases to air have failed. Annex VI, Part 3(2) sets maximum half hourly average release levels for particulates (150 mg/m<sup>3</sup>), CO (normal ELV) and TOC (normal ELV) during abnormal operation.

Describe the other system you use to show you keep to the requirements of Article 13(4) (for example, using another CEM, providing a portable CEM to insert if the main CEM fails, and so on).

#### 8 Do you want to replace continuous HF emission monitoring with periodic hydrogen fluoride (HF) emission monitoring by relying on continuous hydrogen chloride (HCl) monitoring as allowed by IED Annex VI, Part 6 (2.3)?

Under this you do not have to continuously monitor emissions for hydrogen fluoride if you control hydrogen chloride and keep it to a level below the HCl ELVs.

No

Yes  Please give your reasons for doing this

### Appendix 3 – Specific questions for the waste incineration sector, continued

#### 9 Do you want to replace continuous water vapour monitoring with pre-analysis drying of exhaust gas samples, as allowed by IED Annex VI, Part 6 (2.4)?

Under this you do not have to continuously monitor the amount of water vapour in the air released if the sampled exhaust gas is dried before the emissions are analysed.

No

Yes  Please give your reasons for doing this

#### 10 Do you want to replace continuous hydrogen chloride (HCl) emission monitoring with periodic HCl emission monitoring, as allowed by IED Annex VI, Part 6 (2.5), first paragraph?

Under this you do not have to continuously monitor emissions for hydrogen chloride if you can prove that the emissions from this pollutant will never be higher than the ELVs allowed.

No

Yes  Please give your reasons for doing this

### Appendix 3 – Specific questions for the waste incineration sector, continued

#### 11 Do you want to replace continuous HF emission monitoring with periodic HF emission monitoring, as allowed by IED Annex VI, Part 6 (2.5), first paragraph?

Under this you do not have to continuously monitor emissions for hydrogen fluoride if you can prove that the emissions from this pollutant will never be higher than the ELVs allowed.

No

Yes  Please give your reasons for doing this

#### 12 Do you want to replace continuous SO<sub>2</sub> emission monitoring with periodic sulphur dioxide (SO<sub>2</sub>) emission monitoring, as allowed by IED Annex VI, Part 6 (2.5), first paragraph?

Under this you do not have to continuously monitor emissions for sulphur dioxide if you can prove that the emissions from this pollutant will never be higher than the ELVs allowed.

No

Yes  Please give your reasons for doing this

### Appendix 3 – Specific questions for the waste incineration sector, continued

**13 If your plant uses fluidised bed technology, do you want to apply for a derogation of the CO WID ELV to a maximum of 100 mg/m<sup>3</sup> as an hourly average, as allowed by IED Annex VI, Part 3?**

No

Does not apply

Yes  Please give your reasons for doing this

**14 Are you substantially refurbishing an existing installation according to the meaning given in Article 14 of the Energy Efficiency Directive?**

No

Yes  Please go to question 15

Document reference of the CHP-ready assessment \_\_\_\_\_

**15 Have you carried out a cost–benefit assessment (CBA) of opportunities for cogeneration (combined heat and power) or district heating under Article 14 of the Energy Efficiency Directive?**

No  Please provide supporting evidence of why a CBA is not required (for example, an agreement from us)

Document reference of this evidence \_\_\_\_\_

Yes  Please submit a copy of your CBA

Document reference of the CBA \_\_\_\_\_

## Appendix 4 – Specific questions for the landfill sector and recovery of hazardous waste on land activities

**1. For the landfill sector, provide your Environmental Setting and Installation Design (ESID) report and any other risk assessments to control emissions.**

**For recovery of hazardous waste on land activities, provide your Environmental Setting and Site Design (ESSD) report and any other risk assessments to control emissions**

Document reference \_\_\_\_\_

**2. For recovery of hazardous waste on land activities, provide your Waste Acceptance Procedures (including Waste Acceptance Criteria)**

Document reference \_\_\_\_\_

Refer to our guidance at

<https://www.gov.uk/government/publications/deposit-for-recovery-operators-environmental-permits/waste-acceptance-procedures-for-deposit-for-recovery>

**3. Provide your hydrogeological risk assessment (HRA) for the site**

Document reference \_\_\_\_\_

**4. Provide your outline engineering plan for the site**

Document reference \_\_\_\_\_

**5. Provide your stability risk assessment (SRA) for the site**

Document reference \_\_\_\_\_

**6. Provide your landfill gas risk assessment (LFGRA) for the site**

Document reference \_\_\_\_\_

We have developed guidance on these assessments and their reports which can be found at

<https://www.gov.uk/government/collections/environmental-permitting-landfill-sector-technical-guidance>

**7. For recovery of hazardous waste on land activities, have you completed a monitoring plan for the site?**

No  Please refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference of this evidence \_\_\_\_\_

Yes  Document reference \_\_\_\_\_

**8. Have you completed a proposed plan for closing the site and your procedures for looking after the site once it has closed?**

No  If you have answered 'no' for recovery of hazardous waste on land activities, refer to the section of your ESSD that explains why this is unnecessary for your site

Document reference of this evidence \_\_\_\_\_

Yes  For landfill you must provide a closure and aftercare plan

Document reference \_\_\_\_\_



# Application for an environmental permit Part C6 – Variation to a bespoke water discharge activity or groundwater activity (point source discharge), or point source emission to water from an installation



Fill in this part of the form, together with part C2 and part F1, if you are applying to vary (change) the conditions or any other part of the permit for a water discharge or groundwater activity.

Fill in this part of the form, together with parts C2, C3 and F1 if you are applying to vary or add a point source emission to water, groundwater or sewer from an installation.

Please check that this is the latest version of the form available from our website.

You only need to give us details in this application for the parts of the permit that will be affected (for example, if you are adding a new facility or making changes to existing ones).

You do not need to resend any information from your original permit application if it is not affected by your proposed changes.

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.
- 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

<b>About the effluent – details and type</b>	<b>2</b>
<b>1 About the variation you are applying for</b>	<b>10</b>
<b>2 About the effluent – how long will you need to discharge the effluent for?</b>	<b>10</b>
<b>3 How much do you want to discharge?</b>	<b>11</b>
<b>4 Intermittent sewage discharges</b>	<b>12</b>
<b>5 Should your discharge be made to the foul sewer?</b>	<b>13</b>
<b>6 How will the effluent be treated?</b>	<b>14</b>
<b>7 What will be in the effluent?</b>	<b>15</b>
<b>8 Environmental risk assessments and modelling</b>	<b>16</b>
<b>9 Monitoring arrangements</b>	<b>17</b>
<b>10 Where will the effluent discharge to?</b>	<b>18</b>
<b>11 How to contact us</b>	<b>19</b>
<b>Appendix 1 – Discharges to a borehole or well (or other deep structure)</b>	<b>20</b>
<b>Appendix 2 – Discharges into land</b>	<b>28</b>
<b>Appendix 3 – Discharges onto land</b>	<b>30</b>
<b>Appendix 4 – Discharges to tidal river, tidal stream, estuary or coastal waters</b>	<b>31</b>
<b>Appendix 5 – Discharges to non-tidal river, stream, or canal</b>	<b>33</b>
<b>Appendix 6 – Discharges to a lake or pond</b>	<b>35</b>

## About the effluent – details and type

From the list below, choose which type of effluent you are applying for on this form and answer the questions shown in Table 1. You must fill in a separate copy of this form and the appropriate appendix or appendices for each type of effluent you plan to discharge.

**Table 1 – About the effluent**

Type of effluent	Charge band	Please tick box	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Sewage effluent (non-water company)	1.3.3 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to surface water from domestic household or organisation operating for charitable purposes		All	a, b, c, d	b, f	-	a, b	All	-	b*, f*	a, b, c, f*, h, i	All
	1.3.4 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to groundwater from domestic household or organisation operating for charitable purposes		All	a, b, c, d	b, f	-	a, b	All	-	d, f*	a, b, c, f*, h, i	All
	1.3.5 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b, c, d	b, f	-	a, b	All	-	b*, f*	a, b, c, f*, h, i	All
Sewage effluent discharge with a volume greater than 5 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)	1.3.6 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b, c, d	b, f	-	a, b	All	-	d, f*	a, b, c, f*, h, i	All
	1.3.7 Sewage effluent discharge with a volume greater than 5 m <sup>3</sup> /day up to and including 15 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b, c, d	b, f	-	a, b	All	-	d, f*	a, b, c, f*, h, i	All

Type of effluent	Charge band	Please tick box	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Sewage effluent (non-water company)	1.3.8 Sewage effluent discharge with a volume greater than 15 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b, c, d	b, f	-	a, b	All	-	d, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.9 Sewage effluent discharge to groundwater requiring specific substances assessment (any volume)		All	a, b, c, d	b, f	-	a, b	All	b, c, d, e	d, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.10 Sewage effluent discharge with a volume greater than 5 m <sup>3</sup> /day up to and including 50 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b, c, d	b, f	-	a, b	All	-	b*, f*	a, b, c, f*, h, i	All
Water company WwTW treated sewage effluent	1.3.11 Sewage effluent discharge with a volume greater than 50 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b, c, d	b, f	-	a, b	All	-	b*, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.11 Sewage effluent discharge to surface water requiring specific substances assessment (any volume)		All	a, b, c, d	b, f	-	a, b	All	b, c, d, e	b*, c, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.5 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b	a, f (b is optional)	-	-	All	-	a, b*, f*	a, b, c, f*, h, i	All
	1.3.6 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b	a, f (b is optional)	-	-	All	-	a, d, f*	a, b, c, f*, h, i	All

Type of effluent	Charge band	Please tick box	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Water company WwTW treated sewage effluent	1.3.7 Sewage effluent discharge with a volume greater than 5 m <sup>3</sup> /day up to and including 15 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b	a, f (b is optional)	-	-	All	-	a, d, f*	a, b, c, f*, h, i	All
	1.3.8 Sewage effluent discharge with a volume greater than 15 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b	a, f (b is optional)	-	-	All	-	a, d, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.9 Sewage effluent discharge to groundwater requiring specific substances assessment (any volume)		All	a, b	a, f (b is optional)	-	-	All	a, b, c, d, e	a, d, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.10 Sewage effluent discharge with a volume greater than 5 m <sup>3</sup> /day up to and including 50 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b	a, f (b is optional)	-	-	All	-	a, b*, f*	a, b, c, f*, h, i	All
	1.3.11 Sewage effluent discharge with a volume greater than 50 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b	a, f (b is optional)	-	-	All	-	a, b*, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.11 Sewage effluent discharge to surface water requiring specific substances assessment (any volume)		All	a, b	a, f (b is optional)	-	-	All	a, b, c, d, e	a, b*, c, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.19 Combined sewer overflow		All	a, b	-	a, b, c, d, f, g, h, i, j, k	-	All	-	a, b*, d*, f*	b, g, h, i	All

Type of effluent	Charge band	Please tick box	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Storm sewage	1.3.19 Combined sewer overflow		All	a, b	-	a, b, c, e, f, g, h, i, j, k	-	All	-	a, b*, d*, f*	b, g, h, i	All
Emergency overflow	1.3.20 Emergency overflows		All	a, b	-	a, l, m, n, o	-	All	-	a, b*, d*, f*	b, g, h, i	All
Trade and/or non-sewage – known volume	1.3.12 Trade and/or non-sewage effluent discharge to surface water or groundwater with a volume up to and including 5 m <sup>3</sup> /day (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	b*, d*, f*	b, f*, h, i	All
	1.3.13 Trade and/or non-sewage effluent discharge to surface water or groundwater with a volume greater than 5 m <sup>3</sup> /day (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	b*, d*, f*	b, d*, e*, f*, h, i	All
	1.3.14 Trade and/or non-sewage effluent discharge to surface water or groundwater requiring specific substances assessment (any volume)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	b*, c, d*, f*	b, d*, e*, f*, h, i	All
Trade and/or non-sewage – rainfall-dependent	1.3.12 Trade and/or non-sewage effluent discharge to surface water or groundwater with a volume up to and including 5 m <sup>3</sup> /day (not requiring specific substances assessment)		All	a, b	b, e, f	-	-	All	b, c, d, e	b*, d*, f*	b, f*, h, i	All
	1.3.13 Trade and/or non-sewage effluent discharge to surface water or groundwater with a volume greater than m <sup>3</sup> /day (not requiring specific substances assessment)		All	a, b	b, e, f	-	-	All	b, c, d, e	b*, d*, f*	b, d*, e*, f*, h, i	All

Type of effluent	Charge band	Please tick box	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Trade and/or non-sewage – rainfall-dependent	1.3.14 Trade and/or non-sewage effluent discharge to surface water or groundwater requiring specific substances assessment (any volume)		All	a, b	b, e, f	-	-	All	b, d, e	b*, c, d*, f*	b, d*, e*, f*, h, i	All
Mixed effluent (sewage combined with trade and/or non-sewage) – known volume	1.3.5 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	b*, f*	a, b, c, f*, h, i	All
	1.3.6 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	d, f*	a, b, c, f*, h, i	All
	1.3.7 Sewage effluent discharge with a volume greater than 5 m <sup>3</sup> /day up to and including 15 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	d, f*	a, b, c, f*, h, i	All
	1.3.8 Sewage effluent discharge with a volume greater than 15 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	d, f	a, b, c, d*, e*, f*, h, i	All
	1.3.9 Sewage effluent discharge to groundwater requiring specific substances assessment (any volume)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	d, f*	a, b, c, d*, e*, f*, h, i	All

Type of effluent	Charge band	Please tick box	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Mixed effluent (sewage combined with trade and/or non-sewage) – known volume	1.3.10 Sewage effluent discharge with a volume greater than 5 m <sup>3</sup> /day up to and including 50 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	b*, f*	a, b, c, f*, h, i	All
	1.3.11 Sewage effluent discharge with a volume greater than 50 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	b*, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.11 Sewage effluent discharge to surface water requiring specific substances assessment (any volume)		All	a, b, c, d	b, c, f	-	a, b	All	b, c, d, e	b, c, d	a, b, c, d*, e*, f*, h, i	All
Mixed effluent (sewage combined with trade and/or non-sewage) containing rainfall-dependent effluent	1.3.5 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b	b, c, d, e, f	-	a, b	All	b, c, d, e	b*, f*	a, b, c, f*, h, i	All
	1.3.6 Sewage effluent discharge with a volume up to and including 5 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b	b, c, d, e, f	-	a, b	All	b, c, d, e	d, f*	a, b, c, f*, h, i	All
	1.3.7 Sewage effluent discharge with a volume greater than 5 m <sup>3</sup> /day up to and including 15 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b	b, c, d, e, f	-	a, b	All	b, c, d, e	d, f*	a, b, c, f*, h, i	All
	1.3.8 Sewage effluent discharge with a volume greater than 15 m <sup>3</sup> /day to groundwater (not requiring specific substances assessment)		All	a, b	b, c, d, e, f	-	a, b	All	b, c, d, e	d, f*	a, b, c, f*, h, i	All

Type of effluent	Charge band	Please tick box	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Mixed effluent (sewage combined with trade and/or non-sewage) containing rainfall-dependent effluent	1.3.9 Sewage effluent discharge to groundwater requiring specific substances assessment (any volume)		All	a, b	b, c, d, e, f	-	a, b	All	b, c, d, e	d, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.10 Sewage effluent discharge with a volume greater than 5 m <sup>3</sup> /day up to and including 50 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b	b, c, d, e, f	-	a, b	All	b, c, d, e	b*, f*	a, b, c, f*, h, i	All
	1.3.11 Sewage effluent discharge with a volume greater than 50 m <sup>3</sup> /day to surface water (not requiring specific substances assessment)		All	a, b	b, c, d, e, f	-	a, b	All	b, c, d, e	b*, f*	a, b, c, d*, e*, f*, h, i	All
Trade – returned abstracted water (including ground source heating and cooling)	1.3.11 Sewage effluent discharge to surface water requiring specific substances assessment (any volume)		All	a, b	b, c, d, e, f	-	a, b	All	b, c, d, e	b*, c, f*	a, b, c, d*, e*, f*, h, i	All
	1.3.15 Cooling water or thermal discharge to surface water or groundwater (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	-	All	b, c, d, e, f, g	b*, d*, f*	a*, b, d*, e*, f*, h, i	All
	1.3.16 Cooling water or thermal discharge to surface water or groundwater requiring specific substances assessment		All	a, b, c, d	b, c, f	-	-	All	b, c, d, e, f, g	b*, c, d*, f*	a*, b, d*, e*, f*, h, i	All
	1.3.17 Aquaculture (not requiring specific substances assessment)		All	a, b, c, d	b, c, f	-	-	All	b, c, d, e	b*, d*, f*	a*, b, d*, e*, f*, h, i	All
	1.3.18 Aquaculture requiring specific substances assessment		All	a, b, c, d	b, c, f	-	-	All	b, c, d, e	b*, c, d*, f*	a*, b, d*, e*, f*, h, i	All



Type of effluent	Charge band	Please tick box	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Effluent and/or contaminated surface water run-off arising from the operation of an installation	No additional charge, as already included as part of the installation variation application charge	✓	a, b, d	c	b, c, d, f		a, b2	a, b, c	b, c, d, e, f, g	d*, e*, f	a, b, d, e, f, h, i	a, b, c

\* Check the relevant question and our guidance notes on part C6 to see if you need to give an answer.

## 1 About the variation you are applying for

1a Give a brief description of the changes you want to make to your permit

The VPI Immingham Combined Heat and Power (CHP) Power Station (Environmental Permit EPR/BJ8022IZ) is proposing to retrofit Post-combustion carbon capture (PCC) plants on two of its gas turbines and the two auxiliary boilers. The PCC plants will be located on land to the south of the existing Installation boundary, and as such, surface water drainage and potentially some process waters will require discharge to South Killingholme Drain. The Installation already discharges to South Killingholme Drain, via Emission Point W1.

Due to the distance as well as plant layout constraints between the new PCC plant and the existing Emission Point W1 it is not possible for the surface water drainage to be directed to W1, and therefore a new discharge point to South Killingholme Drain is required to be added to the Environmental Permit. This will comprise Emission Point W2.

1b Give this effluent a unique name

Surface water drainage - PCC plant area

You must use this name to identify this effluent throughout this application and all associated documents.

1c Is this a release from a dam, weir or sluice ('reservoir release') under Schedule 21 of the EPR meaning of water discharge activity?

Yes

No

1d Have you obtained all the necessary permissions in addition to this environmental permit to be able to carry out the discharge (see C6 guidance notes for more details)?

Yes

No

N/A

## 2 About the effluent – how long will you need to discharge the effluent for?

2a What date do you want the permit for this effluent to start?

\_\_\_\_\_ (DD/MM/YYYY)

Please note that charges will start on this date, even if you have not started to discharge, unless you contact us to change (delay) the start date (see the guidance notes on part C6). The start date cannot be before the permit is issued and cannot be changed (delayed) after it has already passed.

2b Is the discharge time limited?

Yes Please give the date you expect the discharge to end but please note that your permit will not end on that date and you will still need to notify us to surrender the permit

\_\_\_\_\_ (DD/MM/YYYY)

No

2c Will the discharge take place all year?

Yes

No Please give details of the months when you will make the discharge

\_\_\_\_\_

2d Will the discharge take place on more than six days in any year?

Yes

No

### 3 How much do you want to discharge?

3a What is the daily dry weather flow?

| | cubic metres

3b What is the maximum volume of effluent you will discharge in a day?

|2000| cubic metres

Show how you calculated the figure given in the box below and continue on a separate sheet if necessary, giving a reference for the extra sheet

The Greenfield runoff rate of 21.85 litres/second for the site has been calculated using the Greenfield Runoff Tool on the UK Sustainable Drainage System (SuDS) website following the Institute of Hydrology 124 methodology. The area for which this has been calculated to be 8.78 ha.

The non- rainfall dependent effluent volume has been calculated based on the volume of DCC water return to the Raw Water Tank of 120 tonnes per hour. Based on historical tank full events, events last for <5 hours. 120 x 5 = 600 tonnes. 800 tonnes has been detailed to add a margin of error of 33%.

Document reference

| |

3c What is the maximum rate of discharge?

|21.85| litres a second

3d What is the maximum volume of non-rainfall dependent effluent you will discharge in a day?

|800| cubic metres

3e What is the maximum rate of rainfall dependent discharge?

|21.85| litres a second

3f For each answer in question 3, show how you worked out the figure on a separate sheet

Document reference

| |

## 4 Intermittent sewage discharges

4a For each answer to b to o below, show how you worked out the figure on a separate sheet

Document reference

\_\_\_\_\_

4b What is the total volume of the off-line/storm tank storage?

\_\_\_\_\_ cubic metres

4c What is the total volume of on-line storage?

\_\_\_\_\_ cubic metres

4d What is the pass forward flow at the settled storm overflow setting?

\_\_\_\_\_ litres per second

4e What is the pass forward flow at the storm overflow setting?

\_\_\_\_\_ litres per second

4f Is the discharge screened?

Yes Answer the relevant questions from 4g to 4j

No Now go to 4k

4g What is the mesh screen spacing?

\_\_\_\_\_ millimetres

4h What is the minimum screen capacity flow through the mesh screen?

\_\_\_\_\_ litres per second

4i What is the bar screen spacing?

\_\_\_\_\_ millimetres

4j What is the minimum screen capacity flow through the bar screen?

\_\_\_\_\_ litres per second

4k Is the overflow constructed to good engineering design?

Yes

No On a separate sheet explain what standards the overflow has been constructed to

Document reference

\_\_\_\_\_

4l What is the emergency storage capacity of the sewer and wet well?

\_\_\_\_\_ cubic metres

4m What is the storage time within the sewer and the wet well above the top water level at dry weather flow?

\_\_\_\_\_ hours and minutes

4n What is the pass forward flow at the pumping station?

litres per second

4o For intermittent emergency overflows you must provide a document setting out the key protection measures you will provide

Document reference for pumping station key protection measures

## 5 Should your discharge be made to the foul sewer?

Foul sewer means public or private foul sewer.

Before answering these questions, you must read the guidance notes to part C6.

You will also need to contact your sewerage undertaker (usually your local water company) and you may need to check if it is possible to connect to a private foul sewer.

5a How far away is the nearest foul sewer from the boundary of the premises?

Not applicable  metres

5b To assess whether it is reasonable to discharge your effluent into the foul sewer, please answer 5b1 or 5b2

5b1 Discharges from domestic properties

Multiply the number of properties served by the sewage treatment system by 30 metres.

Number of domestic properties served by the sewage treatment system

x 30 metres =

0  metres

5b2 Discharges from all other premises including trade effluent

Divide the volume of the discharge (in cubic metres) by 0.75 and then multiply this figure by 30 metres

Volume of the discharge (answer to question 3b)

2000  cubic metres / 0.75 =

2666.6666666666666  x 30 =

80000  metres

Is your answer to question 5b1 or 5b2 above greater than the distance to the nearest foul sewer (answer to 5a)?

No You do not need to explain why you cannot discharge your effluent into the foul sewer at this point. However, we may request this information from you when we determine your application. Now go to question 6.

✓ Yes You must explain on a separate sheet why you cannot discharge your effluent into the foul sewer, giving a reference for the extra sheet. Before you submit the application, you must explore the possibility of connecting to the foul sewer, and send us evidence that you have approached the sewerage undertaker, including their formal response regarding connection, if relevant. You must also show the extra cost of connecting to a sewer compared with the treatment system you propose, and details of any physical obstacles such as roads, railways, rivers or canals.

We will only agree to the use of private treatment systems within sewerred areas if you can demonstrate that:

- the additional cost of connecting to the foul sewer would be unreasonable
- connection is not practically feasible, or
- the proposed private treatment system can be shown to significantly benefit the environment

**We are unlikely to grant a permit for a discharge of treated domestic sewage in circumstances where a private sewerage system is being proposed due to a lack of capacity in the nearest public sewerage network.**

The guidance notes to part C6 will help you understand what information you need to provide in order to answer this question.

Document reference for where you have given this justification

Main Supporting Document, Section 5.2

## 6 How will the effluent be treated?

6a Do you treat your effluent?

Yes Now go to question 6b

No You must explain why the effluent will not be treated

Document reference for where you have given this justification

\_\_\_\_\_

6b Fill in Table 2 for each stage of the treatments carried out on your effluent in the order in which they are carried out

For installations with point source emission to water or sewer, there is no need to duplicate information already provided in part C3 form. Where this information is already provided, give the document reference and go to question 7.

Document reference

Main Supporting Document, Section 5.2

### Table 2 – Treatments carried out on your effluent

Order of treatment	Code number	Description
First	16	Class 2 Oily water separator
Second	10	Lagoon settlement in holding pond prior to discharge
Third	16	Class 1 High efficiency oily water separator
Fourth		

Continue on a separate sheet if you need more rows. If you prefer, you can also send us an overall design for the whole treatment process.

Document reference

\_\_\_\_\_

## 7 What will be in the effluent?

For all applications, whether to surface water, or onto or into ground, you should still check to see if your discharge is likely to contain any of the specific substances listed in the guidance documents on ‘Risk assessment for treated sewage or trade effluent discharges to surface water or groundwater’ (see <https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit>).

Answer the relevant questions for your discharge below.

- 7a Are any of the specific substances listed in ‘Risk assessment for treated sewage or trade effluent discharges to surface water or groundwater’ likely to enter the sewerage system upstream of the discharge through any authorised or known inputs?
- Yes
- No
- 7b Are any of the specific substances listed in ‘Risk assessment for treated sewage or trade effluent discharges to surface water or groundwater’ added to or present in the effluent as a result of the activities on the site?
- Yes
- No
- 7c Have any of the specific substances listed in ‘Risk assessment for treated sewage or trade effluent discharges to surface water or groundwater’ been detected in samples of the effluent or in the sewerage catchment upstream of the discharge?
- Yes
- No
- 7d Are there any other harmful or specific substances in your effluent not mentioned in ‘Risk assessment for treated sewage or trade effluent discharges to surface water or groundwater’?
- Yes
- No
- 7e If you have answered ‘No’ to any of questions 7a to 7d provide details on a separate sheet of how you have established that the effluent is not likely to contain specific substances.

Document reference

Main Supporting Document, Section 5.2

- 7f What is the maximum temperature of your discharge?

30 degrees Celsius

- 7g What is the maximum expected temperature change compared to the incoming water supply?

                     increase in degrees Celsius

                     decrease in degrees Celsius

## 8 Environmental risk assessments and modelling

You may need to carry out an environmental risk assessment or modelling to support your application. Please answer all the questions that are relevant to your discharge. If an environmental risk assessment or modelling is required, you must send it to us with your application.

### 8a Sewer modelling report (for discharges of final effluent from a water company WwTW or intermittent sewage discharges)

You must carry out sewer modelling following the guidance ‘Surface water pollution risk assessment for your environmental permit’ at <https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit>.

Send us details of how the modelling was carried out and the outcome.

Document reference for the sewer modelling report

\_\_\_\_\_

### 8b Discharges to lakes, estuaries, coastal waters or bathing waters

You must carry out modelling following the guidance ‘Surface water pollution risk assessment for your environmental permit’ at <https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit>. Send us details of how the modelling was carried out and the outcome.

Document reference for the modelling report

\_\_\_\_\_

### 8c Discharges to freshwater (non-tidal) rivers

If the discharge contains, or potentially contains, any specific substances, you must carry out screening following the guidance ‘Surface water pollution risk assessment for your environmental permit’ at <https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit>. The guidance notes on part C6 outline the information you must provide.

Have you answered yes to any of 7a to 7d?

- Yes Send us the completed screening tool, along with the raw data used to create the summary statistics

Document reference for the screening tool and raw data

\_\_\_\_\_

- No

### 8d Discharges to groundwater

You must carry out a groundwater quantitative risk assessment following the guidance in ‘Groundwater risk assessment for your environmental permit’ at <https://www.gov.uk/guidance/groundwater-risk-assessment-for-your-environmental-permit>. Send us details of how the modelling was carried out and the outcome.

For groundwater remediation schemes you must send us a site-specific remediation strategy that has been agreed with the local Environment Agency Groundwater and Contaminated Land Team.

Document reference for the groundwater remediation report

\_\_\_\_\_



### 8e Discharges to freshwater (non-tidal) rivers from an installation, including discharges via sewer

If the discharge contains, or potentially contains, any specific substances, you must carry out screening following the guidance (see <https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit>). The guidance notes on part C6 outline the information you must provide.

Have you answered yes to any of 7a to 7d?

- Yes Send us the completed screening tool, along with the raw data used to create the summary statistics. Where the discharge is via sewer, include sewage treatment reduction factors in the calculations.

Document reference for the screening tool and raw data

\_\_\_\_\_

There is no need to duplicate information already provided in part C3 form. Where this information is already provided, give the document reference above.

### 8f Environmental impact assessment

Have you carried out an environmental impact assessment?

- Yes Send us details of how the assessment was carried out and the outcome

Document reference for the environmental impact assessment

\_\_\_\_\_

- No

## 9 Monitoring arrangements

Note: If your effluent has a maximum volume of no more than 50 cubic metres a day you do not need to complete question 9d or 9e.

9a What is the national grid reference of the inlet sampling point? (for example, SJ 12345 67890)

NA  
\_\_\_\_\_

9b What is the national grid reference of the effluent sample point?

TA 17096  
\_\_\_\_\_

9c Do you have an Urban Waste Water Treatment Directive final effluent sampling point?

- Yes Please provide the national grid reference

\_\_\_\_\_

- No

9d What is the national grid reference of the flow monitoring point?

TA 16986  
\_\_\_\_\_

9e Does the flow monitor have an MCERTS certificate?

- Yes Please give the certificate number

Not installed yet - to be confirmed when plant construct.  
\_\_\_\_\_

- No

9f Do you have a UV disinfection efficacy monitoring point?

Yes Please provide the national grid reference

\_\_\_\_\_

No

9g Do you have an event duration monitoring point(s)?

Yes Please provide the national grid reference

\_\_\_\_\_

No

9h You should clearly mark on the plan the locations of any of the above that apply to this effluent

Document reference for the plan

\_\_\_\_\_ Main Supporting Document, Appendix A, Figure 3

9i Do you intend to do your own effluent monitoring?

Yes

No

## 10 Where will the effluent discharge to?

10a Mark in Table 3 where this effluent discharges to and fill in the relevant appendix or appendices.

You must use the name you gave to this effluent in answer to question 1b of this form when filling in your relevant appendix or appendices.

### Table 3 – Where the effluent discharges to

Receiving environment		Relevant appendix
Borehole or well	<input type="checkbox"/>	1
Into land (for example, through a drainage system)	<input type="checkbox"/>	2
Onto land	<input type="checkbox"/>	3
Tidal river, tidal stream, estuary or coastal waters		4
Non-tidal river, stream or canal	<input checked="" type="checkbox"/>	5
Lake or pond	<input type="checkbox"/>	6

10b Is this effluent discharged through more than one outlet?

Yes Give details, on a separate sheet, of the circumstances under which each outlet would be used by this effluent

Document reference

\_\_\_\_\_

No

10c If you answered yes to question 10b above make sure you show clearly on your discharge point appendix or appendices and site plan that this one effluent can discharge to more than one discharge point.

You must give us all the details we need for each of the discharge points used by this effluent.

## 11 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 422549 (Monday to Friday, 8am to 6pm)

Email: [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)

Website: <https://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)

Payment received?

No

Yes

Amount received

Our reference number

£

## Plain English Campaign’s Crystal Mark does not apply to appendices 1 to 6.

### Appendix 1 – Discharges to a borehole or well (or other deep structure)

If you are discharging the effluent to a borehole or well or other deep structure (such as concrete rings, natural swallow hole or deep soakage pit) you must ensure that the discharge is indirect to groundwater. Direct discharges to groundwater cannot be permitted. We will undertake a groundwater quantitative risk assessment on your behalf in line with the guidance ‘Groundwater risk assessment for your environmental permit’ at <https://www.gov.uk/guidance/groundwater-risk-assessment-for-your-environmental-permit>.

For us to do this you must answer the following questions relevant to your application and provide us with additional information as summarised in Table 4.

Without this information we will be unable to complete the risk assessment and it is likely your application will be rejected.

Answer all the questions below. Use a separate line for each effluent if more than one effluent discharges using this discharge point. Remember, when linking your effluent to a discharge point you must use the name you gave to your effluent in answer to question 1b in the effluent form.

1.1 Give the discharge point a unique name

For example, ‘Outlet 1’ (you must use this name to identify the discharge point on the plan)

\_\_\_\_\_

1.2 Give the national grid reference of the discharge point

\_\_\_\_\_

1.3 Is the discharge to ground via a

Well

Borehole

Other deep structure Please give details (e.g. concrete ring structure, shaft, natural swallow hole, soakage pit etc.)

1.4 What is the diameter of the borehole, well or other deep structure that the effluent will be discharged into?

\_\_\_\_\_ metres

1.5 Is the borehole, well or other structure already constructed?

Yes Now answer questions 1.6 to 1.9

No Now answer questions 1.10 to 1.12

## Existing borehole, well or other deep structure

1.6 What is the total depth to the bottom of the existing well, borehole or other structure?

\_\_\_\_\_ metres below ground level

If you are unaware of the actual depth please estimate the depth based on the following categories:

- 0–5 metres
- 5–10 metres
- Greater than 10 metres
- Uncertain

What evidence is the estimated depth above based on?

\_\_\_\_\_

1.7 Does the well, borehole or other structure extend into groundwater?

- Yes – always contains water
- Sometimes – water is present occasionally
- No – never contains water

If groundwater is always, or sometimes, present, what is the highest level that the standing water reaches?

- Measured

\_\_\_\_\_ metres below ground level

- Estimated

\_\_\_\_\_ metres below ground level

1.8 Please provide any records, diagrams or borehole logs you may have that could help us understand:

- the method of construction (including any solid casings or linings used)
- the likely depth of the deep structure
- the local groundwater conditions

Please provide photocopies where possible. If it is not possible (for example, if the documents are large or bulky) please summarise any additional information you have on a separate sheet.

Document reference for the records, diagrams, or borehole logs

\_\_\_\_\_

1.9 If any maintenance has been carried out on your well, borehole or other deep structure (for example, to aid effective drainage), please give details below

Please now answer question 1.13

**Proposed borehole, well or other deep structure that has not yet been constructed**

1.10 Please tell us why you are unable to install a shallow engineered drainage system. This information forms an important part of our permit determination process. Which methods of shallow disposal have you considered, and why did you decide these were not feasible to take forward? Please answer questions 1.10a and 1.10b to provide the results of soakage tests and summarise in the box any relevant information supporting your decisions (for example, permission refusals from landowners or physical constraints, or land availability or proximity to buildings).

1.10a What was your percolation value (Vp) result?

\_\_\_\_\_ seconds per millimetre

You must show in Table 4 how you worked out the percolation value.

**Table 4 – Percolation value**

	Trial 1	Trial 2	Trial 3	Average
Hole 1				
Hole 2				
Hole 3				
Hole 4				

1.10b If a shallow engineered drainage system were feasible, what would be the required surface area of your infiltration system?

\_\_\_\_\_ square metres

Supporting information to explain why you are unable to install a shallow engineered drainage system can be appended to your application.

Document reference for these details

\_\_\_\_\_

1.11 Please tell us the type of deep structure (for example, borehole, well, deep soakage pit) you propose to install

What will the total depth be?

\_\_\_\_\_ metres below ground level

1.12 Please tell us the reason this depth has been selected and, if you are aware of any relevant existing information on local water levels, please also tell us the depth to groundwater (in metres below ground level). What measures will you undertake to ensure the discharge is not direct into groundwater? If the discharge will be direct to groundwater explain why you cannot make it indirect. Direct discharges to groundwater cannot be permitted.

### Proximity of your discharge to other receptors

1.13 Is the borehole, well or other deep structure where the discharge is being/will be made within 50 metres of any other well, spring or borehole used to supply water for drinking water or food production purposes?

Yes Please show the location of the well, spring or borehole you identified in answer to question 1.13 on the plan you have provided for section 4 of the main application form. Please now answer question 1.14

No Please now answer question 1.15

1.14 Please tell us about the water supply (or supplies) used for drinking water or food production purposes identified in question 1.13 above; for example, the name of the property or properties served by the water supply, what they use the water for (drinking water, food production) and where they are in relation to your discharge

1.15 What is the distance to the nearest watercourse (for example, surface water, river, stream or ditch)?  
\_\_\_\_\_ metres

Please tell us whether you have considered discharging to surface water and why this is not feasible

In Table 5 please provide any further information required for us to complete a groundwater quantitative risk assessment on your behalf in line with the guidance ‘Groundwater risk assessment for your environmental permit’ at <https://www.gov.uk/guidance/groundwater-risk-assessment-for-your-environmental-permit>. Without this information we will be unable to carry out a hydrogeological risk assessment on your behalf.

Table 5 summarises the information required to allow us to undertake a hydrogeological risk assessment of your discharge to a deep infiltration system. Without this information your application will be rejected. You will already have provided some of this information earlier in this application form. We also need you to provide additional information indicated by a tick (✓) in Table 5. For further guidance on the additional information required please search for ‘Groundwater risk assessment for your environmental permit’ at <https://www.gov.uk/guidance/groundwater-risk-assessment-for-your-environmental-permit> and the guidance notes on part C6. You may require the advice of an environmental consultant to collate this information.

For some of the risk assessment inputs we are better placed to provide the information and will do so for those parameters indicated by an asterisk (\*) as far as possible. However, if you wish to provide site-specific information for those parameters with an asterisk you are welcome to do so.



**Table 5 – Further information required for the Environment Agency to complete a groundwater quantitative risk assessment on your behalf**

Information	Description	Existing structure	Proposed structure	Information supplied?
Information supplied by the applicant This has already been requested earlier in the application form				Information you have already supplied on the application form
National grid reference of the discharge point		Appendix 1 Q2	Appendix 1 Q2	
Volume of effluent (m <sup>3</sup> per day)		Q3b	Q3b	
Type of effluent treatment	Septic tank, package treatment plant, other	Q6	Q6	
Type of deep infiltration system	Borehole, well, concrete ring structure, other	Appendix 1 Q3	Appendix 1 Q3	
Diameter of deep infiltration system (metres)		Appendix 1 Q4	Appendix 1 Q4	
Depth to the base of deep infiltration structure (metres)		Appendix 1 Q6	Appendix 1 Q11	
Depth to water table (metres)	Is discharge above or below water table?	Appendix 1 Q7, Q8	Appendix 1 Q12	
Justification for a deep infiltration system	Why are you unable to install a shallow infiltration system? What other options for disposal have been considered? Provide full details of the infiltration tests undertaken plus results	Appendix 1 Q8 if available	Appendix 1 Q10	
Information supplied by the applicant This is additional information we need from you that is not provided elsewhere on the application form. Site data should be given where it is already available. If not, you can submit the relevant literature values quoting the source of the data and justification of the values you have selected. Please tick the right-hand column to confirm you have provided this essential information.				

Information	Description	Existing structure	Proposed structure	Information supplied?
Concentration of relevant substances entering the infiltration system	For discharges of domestic effluent we will routinely assess the concentration of nitrogen species, particularly the ammonium concentration	✓	✓	<input type="checkbox"/>
Length of screened borehole section below the water table (metres)	Depth in metres of the borehole screened section that is below the water table (This applies only to boreholes that have groundwater in the base)	✓	✓	<input type="checkbox"/>
Calculated area of infiltration system (square metres)	Explain how the area of the infiltration system has been calculated – this is especially relevant if a non-circular system is used	✓	✓	<input type="checkbox"/>
Unsaturated zone parameters	The following represent the strata above the water table: <ul style="list-style-type: none"> <li>• hydraulic conductivity (metres per day)</li> <li>• water-filled porosity (per cent)</li> <li>• bulk density (grammes per cubic centimetre)</li> </ul>	✓	✓	<input type="checkbox"/>
Saturated zone parameters	The following represent the strata above the water table: <ul style="list-style-type: none"> <li>• hydraulic conductivity (metres per day)</li> <li>• water-filled porosity (per cent)</li> <li>• bulk density (grammes per cubic centimetre)</li> <li>• hydraulic gradient of the water table (fraction)</li> </ul>	✓	✓	<input type="checkbox"/>
<p>Information provided by the Environment Agency where possible</p> <p>You are free to provide this information if you wish, or in some specific cases we may need to ask for this at a later stage. Please tick if you have provided this information (optional).</p>				

Information	Description	Existing structure	Proposed structure	Information supplied?
Environmental standard	The relevant environmental standard or compliance value against which we will assess your effluent discharge	*	*	<input type="checkbox"/>
Half-life for degradation of the substance (days)	If you wish to know more about these parameters see 'Groundwater risk assessment for your environmental permit' at <a href="https://www.gov.uk/guidance/groundwater-risk-assessment-for-your-environmental-permit">https://www.gov.uk/guidance/groundwater-risk-assessment-for-your-environmental-permit</a>	*	*	<input type="checkbox"/>
Soil water partition coefficient (litres per kilogramme)		*	*	<input type="checkbox"/>
Mixing zone thickness (metres)		*	*	<input type="checkbox"/>
Distance to compliance point (metres)		*	*	<input type="checkbox"/>

## Appendix 2 – Discharges into land

Answer the questions below. Use a separate line for each effluent if more than one effluent discharges using this discharge point. Remember, when linking your effluent to a discharge point you must use the name you gave to your effluent in answer to question 1b in the effluent form.

2.1 Give the discharge point a unique name

For example, 'Outlet 1' (you must use this name to identify the discharge point on the plan)

\_\_\_\_\_

2.2 Give the national grid reference of the discharge point

\_\_\_\_\_

2.3 Is your infiltration system new or existing?

New Now go to question 2.5

Existing Now go to question 2.4

2.4a When was it built?

\_\_\_\_\_

2.4b Now answer questions 2.5–2.8 if you are able to, if not leave them blank and go to question 2.9

2.5 Is your infiltration system designed and built to British Standard 6297:2007 + A1:2008 or the British Standards in force at the time of installation?

Yes

No Please provide details, on a separate sheet, of the design criteria used for your infiltration system

Document reference

\_\_\_\_\_

2.6 On what date did you carry out a percolation test and dig a trial hole in line with British Standard 6297:2007 + A1:2008?

\_\_\_\_\_ (DD/MM/YYYY)

2.7 What is your percolation value (Vp) result?

\_\_\_\_\_ seconds per millimetre

You must show in Table 6 how you worked out the percolation value. Please also provide your test sheets and any field notes or observations made regarding ground conditions.

**Table 6 – Percolation value**

	Trial 1	Trial 2	Trial 3	Average
Hole 1				
Hole 2				
Hole 3				
Hole 4				

2.8 Please show us how you have calculated the area (A) of your infiltration system

p \_\_\_\_\_ x

Vp \_\_\_\_\_ x

0.25 for septic tanks =

A <sup>0</sup> \_\_\_\_\_ square metres

or

p \_\_\_\_\_ x

Vp \_\_\_\_\_ x

0.20 for package treatment plants =

A <sup>0</sup> \_\_\_\_\_ square metres

p Population based on maximum occupancy

Vp Percolation value in seconds/mm

2.9 If known, mark on the plan you have provided the extent of the infiltration system. Please write on the plan the length and width of the sides in metres.

2.10 Is any part of your infiltration system within 50 metres of a well, spring or borehole?

No

Yes Identify the location of the well, spring or borehole on the plan you have provided and answer question 2.11

2.11 Is the well, spring or borehole you have identified used to supply water?

No

Yes You must describe what the water supplied is used for

2.12 Is any part of your infiltration system within 10 metres of a watercourse?

No

Yes Identify the location of the watercourse on the plan you have provided for section 4 of part C2

### Appendix 3 – Discharges onto land

Answer all the questions below. Use a separate line for each effluent if more than one effluent discharges using this discharge point. Remember, when linking your effluent to a discharge point you must use the name you gave to your effluent in answer to question 1b in the effluent form.

3.1 Give the discharge point a unique name

For example, 'Outlet 1' (you must use this name to identify the discharge point on the plan)

\_\_\_\_\_

3.2 Give the national grid reference of the discharge point

\_\_\_\_\_

3.3 Select from the table below the type of area where the effluent is disposed of

Area type	
Unlined reed bed	<input type="checkbox"/>
Unlined grass plot	<input type="checkbox"/>
Unlined wetland	<input type="checkbox"/>
Other	<input type="checkbox"/> Please specify below

3.4 What is the surface area of the land used for your disposal?

\_\_\_\_\_ square metres

3.5 Is any part of your infiltration system within 50 metres of a well, spring or borehole?

No

Yes Identify the location of the well, spring or borehole on the plan you have provided and answer question 3.6

3.6 Is the well, spring or borehole you have identified used to supply water?

No

Yes You must describe what the water supplied is used for

3.7 Is any part of your infiltration system within 10 metres of a watercourse?

No

Yes Identify the location of the watercourse on the plan you have provided for section 4 of part C2

## Appendix 4 – Discharges to tidal river, tidal stream, estuary or coastal waters

Answer all the questions below. Use a separate line for each effluent if more than one effluent discharges using this discharge point. Remember, when linking your effluent to a discharge point you must use the name you gave to your effluent in answer to question 1b in the effluent form.

4.1 Give the discharge point a unique name

For example, 'Outlet 1' (you must use this name to identify the discharge point on the plan)

\_\_\_\_\_

4.2 Give the national grid reference of the discharge point

\_\_\_\_\_

4.3 Give the name of the tidal river, tidal stream, estuary or area of coastal water if you know it

\_\_\_\_\_

4.4 Is the discharge into a

- Tidal river
- Tidal stream
- An estuary
- Coastal water

4.5 Does the discharge reach the watercourse by flowing through a surface water sewer?

Yes Give the national grid reference where the discharge enters the surface water sewer

\_\_\_\_\_

No

4.6 Is the discharge point above the mean low water spring tide mark?

- Yes Please explain, on a separate sheet, why the discharge cannot be made below this point

Document reference

\_\_\_\_\_

- No

4.7 How is the effluent dispersed?

For example, open pipe or diffuser system

\_\_\_\_\_

If diffuser system go to question 4.8

4.8 Give details, on a separate sheet, of the design of the diffuser system

Document reference

\_\_\_\_\_

4.9 Is the discharge made to a roadside drain or ditch?

No

Yes If yes, it is your responsibility to ascertain whether the relevant highways authority is responsible for the roadside drain or ditch. If it is, you need to secure the appropriate permissions from the relevant highways authority before submitting an application for an environmental permit to the Environment Agency. A copy of the written permission from the relevant highways authority must be submitted with the environmental permit application.

Document reference for the written permission from the relevant highways authority

\_\_\_\_\_



## Appendix 5 – Discharges to non-tidal river, stream or canal

Answer all the questions below. Use a separate line for each effluent if more than one effluent discharges using this discharge point. Remember, when linking your effluent to a discharge point you must use the name you gave to your effluent in answer to question 1b in the effluent form.

5.1 Give the discharge point a unique name

For example, 'Outlet 1' (you must use this name to identify the discharge point on the plan)

W2

5.2 Give the national grid reference of the discharge point

TA 17096

5.3 Give the name of the watercourse, canal or the main watercourse it is a tributary of if you know it

South Killingholme Drain

5.4 Is the discharge into a

Non-tidal river

Stream

Canal

5.5 Does the discharge reach the watercourse or canal by flowing through a surface water sewer?

Yes Give the national grid reference where the discharge enters the surface water sewer

No

5.6 Does the watercourse dry up for part of the year?

No

Yes How many months per year is the watercourse dry?

Do you agree to install perforated pipe work before the discharge point?

The discharge must be made via a perforated pipe. Any section of that pipe which lies within 10 metres of the bank of any watercourse shall be perforated, but this perforated section shall not extend more than 10 metres from the bank of any watercourse.

Yes

No

5.6.1 If the watercourse does dry up for part of the year can you indicate a typical period when the surface water runs dry each year – start and finish (in months)

Watercourse typically becomes dry in:

January	<input type="checkbox"/>	May	<input type="checkbox"/>	September	<input type="checkbox"/>
February	<input type="checkbox"/>	June	<input type="checkbox"/>	October	<input type="checkbox"/>
March	<input type="checkbox"/>	July	<input type="checkbox"/>	November	<input type="checkbox"/>
April	<input type="checkbox"/>	August	<input type="checkbox"/>	December	<input type="checkbox"/>

Watercourse typically flows again in:

January	<input type="checkbox"/>	May	<input type="checkbox"/>	September	<input type="checkbox"/>
February	<input type="checkbox"/>	June	<input type="checkbox"/>	October	<input type="checkbox"/>
March	<input type="checkbox"/>	July	<input type="checkbox"/>	November	<input type="checkbox"/>
April	<input type="checkbox"/>	August	<input type="checkbox"/>	December	<input type="checkbox"/>

5.6.2 If the watercourse does dry up for part of the year, how many metres downstream of the discharge is it before the discharged effluent soaks in?

\_\_\_\_\_

5.7 Is the discharge made to a roadside drain or ditch?

✓ No

Yes If yes, it is your responsibility to ascertain whether the relevant highways authority is responsible for the roadside drain or ditch. If it is, you need to secure the appropriate permissions from the relevant highways authority before submitting an application for an environmental permit to the Environment Agency. A copy of the written permission from the relevant highways authority must be submitted with the environmental permit application.

Document reference for the written permission from the relevant highways authority

\_\_\_\_\_

## Appendix 6 – Discharges to a lake or pond

Answer all the questions below. Use a separate line for each effluent if more than one effluent discharges using this discharge point. Remember, when linking your effluent to a discharge point you must use the name you gave to your effluent in answer to question 1b in the effluent form.

6.1 Give the discharge point a unique name

For example, 'Outlet 1' (you must use this name to identify the discharge point on the plan)

\_\_\_\_\_

6.2 Give the national grid reference of the discharge point

\_\_\_\_\_

6.3 Give the name of the lake or pond if you know it

\_\_\_\_\_

6.4 Select from the following table the type of lake or pond you will be discharging to and answer the relevant questions

Type of lake or pond		Relevant questions
Lake or pond which is not connected to a river or watercourse	<input type="checkbox"/>	Permit not required*
Lake or pond which is not connected to a river or watercourse, where you have had a notice served under paragraph 5 of Schedule 21 of the Environmental Permitting (England and Wales) Regulations 2016	<input type="checkbox"/>	6.5, 6.6, 6.7
Lake or pond that discharges into a river or watercourse	<input type="checkbox"/>	6.5, 6.6, 6.7

\* Unless a Notice has been served under paragraph 5 of Schedule 21 of the Environmental Permitting (England and Wales) Regulations 2016

6.5 What is the surface area of the lake or pond?

\_\_\_\_\_ square metres

6.6 What is the maximum depth of the lake or pond?

\_\_\_\_\_ metres

6.7 What is the average depth of the lake or pond?

\_\_\_\_\_ metres

# Application for an environmental permit Part F1 – Charges and declarations



You will need to use an Adobe Acrobat reader product to complete this form. The form may not work properly if you use a different pdf reader, such as the one built-in to your internet browser.

Fill in this part for all applications for:

- installations (excluding new permit and variation applications for intensive farming. Use application form Part B3.5 or C3.5 instead)
- waste operations
- mining waste operations
- medium combustion plant
- specified generators
- water discharges (excluding small discharges of 23m<sup>3</sup> per day if using Part B6.5)
- groundwater activities (excluding small discharges of 15m<sup>3</sup> per day or less if using Part B6.5 OR existing small discharges to Source Protection Zone1 if using Part B6.6)

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.
- 2) printed off and filled in by hand. Please write clearly in the answer spaces.

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

## Contents

- 1 **Working out charges**
- 2 **Payment**
- 3 **Privacy notice**
- 4 **Confidentiality and national security**
- 5 **Declaration**
- 6 **Application checklist**
- 7 **How to contact us**
- 8 **Where to send your application**

## 1 Working out charges

You must fill in this section.

You have to submit an application fee with your application. For guidance on the fee and how to pay your charges, please see our charging guidance (<https://www.gov.uk/government/publications/environmental-permitting-charges-guidance>) and associated links to the current charging scheme. You can also contact us for pre-application to help work out charges

Please that there is an annual subsistence charge to cover the costs we incur in the ongoing regulation of the permit.

## 1 Working out charges, continued

Table 1 – Type of application (fill number of activity being applied for in each column)

Installation	Waste	Mining waste	Medium Combustion Plant (MCP)/ Specified Generator (SG)	Water discharge	Groundwater activity
Immingham CHP					
Power Plant					

Table 2 – Charge type (A)

Charge activity reference	Charge activity description	What are you applying to do? For example, a new permit, minor variation, normal variation, substantial variation, surrender, low risk surrender, transfer	Amount
e.g. 1.17.3	e.g. Section 5.2 – landfill for hazardous waste	e.g. transfer application	e.g. £5,561
1.10.1	Section 1.1 combustion plant 50MWth	substantial variation	£17,193.00
1.10.4	Carbon Capture and storage	new	£14,915.00
Total A			£32,108.00

## 1 Working out charges, continued

Table 3 – Additional assessment charges (B)

Part 1.19 Charges for plans and assessments			Tick appropriate
Reference	Plan or assessment	Charge	
1.19.1	Waste recovery plan	£1,231	<input type="checkbox"/>
1.19.2	Habitats assessment (except where the application activity is a flood risk activity)	£779	<input checked="" type="checkbox"/>
1.19.3	Fire prevention plan (except where the application activity is a farming installation)	£1,241	<input type="checkbox"/>
1.19.4	Pests management plan (except where the application activity is a farming installation)	£1,241	<input type="checkbox"/>
1.19.5	Emissions management plan (except where the application activity is a farming installation)	£1,241	<input type="checkbox"/>
1.19.6	Odour management plan (except where the application activity is a farming installation)	£1,246	<input type="checkbox"/>
1.19.7	Noise and vibration management plan (except where the application activity is a farming installation)	£1,246	<input checked="" type="checkbox"/>
1.19.8	Ammonia emissions risk assessment (intensive farming applications only)	£620	<input type="checkbox"/>
1.19.9	Dust and bio-aerosol management plan (intensive farming applications only)	£620	<input type="checkbox"/>
	Advertising	£500	<input type="checkbox"/>
Total B			

### Total charges

Total A plus total B

£34133

## 2 Payment

Tick below to show how you have paid.

- Cheque
- Credit or debit card
- Electronic transfer (for example, BACS)

### Cheques

You should make cheques payable to 'Environment Agency' and make sure they have 'A/c Payee' written across them if it is not already printed on.

Please write the name of your company and application reference number on the back of your cheque. We will not accept cheques with a future date on them.

## 2 Payment, continued

### Credit/debit cards

If you are paying by credit or with debit card we will call you. We can accept payments by Visa, MasterCard or Maestro card only.

Call me to arrange payment by debit or credit card

### Electronic transfer BACS

If you choose to pay by electronic transfer, you will need to use the following information to make your payment:

Company name	Environment Agency
Company address	SSCL (Environment Agency), PO Box 797, Newport Gwent, NP10 8FZ
Bank	RBS/NatWest
Address	London Corporate Service Centre, CPB Services, 2nd Floor, 280 Bishopsgate, London EC2M 4RB
Sort code	60-70-80
Account number	10014411
Account name	EA RECEIPTS
Payment reference number	PSCAPPXXXXYYY

You need to create your own reference number. It should begin with PSCAPP (to reflect that the application is for a permitted activity) and it should include the first five letters of the company name (replacing the X's in the above reference number) and a unique numerical identifier (replacing the Y's in the above reference number). The reference number that you supply will appear on our bank statements.

You should also email your payment details and reference number to [ea\\_fsc\\_ar@gov.sscl.com](mailto:ea_fsc_ar@gov.sscl.com).

If you are making your payment from outside the United Kingdom, it must be in sterling. Our IBAN number is GB23NWBK60708010014411 and our SWIFTBIC number is NWBKGB2L.

If you do not quote your reference number, there may be a delay in processing your payment and application.

Provide a unique reference number for the application, i.e. do not only use the company name only

PSCAPPVPIPP003

State who is paying (full name and whether this is the agent/applicant/other)

VPI Immingham LLP

Fee paid

£ 34,133

Date payment sent (DD/MM/YYYY)

08/12/2023

## 3 Privacy notice

The Environment Agency runs the environmental permit application service.

See <https://www.gov.uk/guidance/environmental-permits-privacy-notice> for how we use your personal information in services to services to support environmental permitting.

## 4 Confidentiality and national security

### Confidentiality

We will normally put all the information in your application on a public register of environmental information. However, we may not include certain information in the public register if this is in the interests of national security, or because the information is confidential.

You can ask for information to be made confidential by enclosing a letter with your application giving your reasons. If we agree with your request, we will tell you and not include the information in the public register. If we do not agree with your request, we will let you know how to appeal against our decision, or you can withdraw your application. You can find guidance on confidentiality in ‘Environmental permitting guidance: core guidance’, published by Defra and available at <https://www.gov.uk/government/publications/environmental-permitting-guidance-core-guidance--2>.

Only tick the box below if you wish to claim confidentiality for parts of your application

Please treat the specified information in my application as confidential

### National security

You can tell the Secretary of State that you believe including information on a public register would not be in the interests of national security. You must enclose a letter with your application telling us that you have told the Secretary of State and you must still include the information in your application. We will not include the information in the public register unless the Secretary of State decides that it should be included.

You can find guidance on national security in ‘Environmental permitting guidance: core guidance’, published by Defra and available at <https://www.gov.uk/government/publications/environmental-permitting-guidance-core-guidance--2>

You cannot apply for national security via this application.

Now fill in section 5

## 5 Declaration

If you knowingly or carelessly make a statement that is false or misleading to help you get an environmental permit (for yourself or anyone else), you may be committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

A relevant person should make the declaration (see the guidance notes on part F1). An agent acting on behalf of an applicant is NOT a relevant person.

Each individual (or individual trustee) who is applying for their name to appear on the permit must complete this declaration. You will have to print a separate copy of this page for each additional individual to complete.

If you are transferring all or part of your permit, both you and the person receiving the permit must make the declaration. You must fill in the declaration directly below; the person receiving the permit must fill in the declaration under the heading ‘For transfers only’.

Note: we will issue a letter to both current and new holders to confirm the transfer. If you are changing address we will need to send this letter to your new address; therefore please tell us your new address in a separate letter.

If you are unable to trace one or more of the current permit holders please see below under the transfers declaration.



## 5 Declaration, continued

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

- Tick this box to confirm that you understand and agree with the declaration above, then fill in the details below (you do not have to provide a signature as well)
- I confirm that my standard facility will fully meet the rules that I have applied for (this only applies if the application includes standard facilities)
- Tick this box if you do not want us to use information from any ecological survey that you have supplied with your application (for further information please see the guidance notes on part F1)

### Name

Title

Mr

First name

Jonathan

Last name

Briggs

on behalf of (if relevant; for example, a company or organisation and so on)

VPI Immingham LLP

Position (if relevant; for example, a company or organisation and so on)

Director

Today's date (DD/MM/YYYY)

08/12/2023

### For transfers only – declaration for person receiving the permit

A relevant person should make the declaration (see the guidance notes on part F1). An agent acting on behalf of an applicant is NOT a relevant person.

I declare that the information in this application to transfer an environmental permit to me is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

Note: If you cannot trace a person or persons holding the permit you may be able to transfer the permit without their declaration as above. Please contact us to discuss this and supply evidence in your application to confirm you are unable to trace one or all of the permit holders.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

- Tick this box to confirm that you understand and agree with the declaration above, then fill in the details below (you do not have to provide a signature as well)

## 5 Declaration, continued

Name

Title

\_\_\_\_\_

First name

Last name

\_\_\_\_\_

\_\_\_\_\_

on behalf of (if relevant; for example, a company or organisation and so on)

\_\_\_\_\_

Position (if relevant; for example, a company or organisation and so on)

\_\_\_\_\_

Today's date (DD/MM/YYYY)

\_\_\_\_\_

Now go to section 6

## 6 Application checklist

You must fill in this section.

If your application is not complete, we will return it to you. If you aren't sure about what you need to send, contact us before you submit your application. For further information on pre-application advice, see <https://www.gov.uk/guidance/get-advice-before-you-apply-for-an-environmental-permit>.

You must do the following:

- Complete legibly all parts of the application form that are relevant to you and your activities
- Identify relevant supporting information in the form and send it with the application
- List all the documents you are sending in the table below. If necessary, continue on a separate sheet. This separate sheet also needs to have a reference number and you should include it in the table below
- For new permit applications or any changes to the site plan, provide a plan that meets the standards given in the guidance note on part F1
- Provide a supporting letter for any claim that information is confidential
- Get the declaration completed by a relevant person (not an agent)
- Send the correct fee

## 6 Application checklist, continued

Question reference	Document title	Document reference
	See Part F - Application checklist	Appended to this form.

## 7 How to contact us

If you have difficulty 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 422549 (Monday to Friday, 8am to 6pm)

Email: [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)

Website: [www.gov.uk/government/organisations/environment-agency](https://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, or you would like us to review a decision we have made, please let us know. More information on how to do this is available at: <https://www.gov.uk/government/organisations/environment-agency/about/complaints-procedure>.

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.

## 8 Where to send your application

For how many copies to send see the guidance note on part F1.

Please send your filled in application form and supporting documents to:

For water discharges and groundwater activities by email to

**[PSC-WaterQuality@environment-agency.gov.uk](mailto:PSC-WaterQuality@environment-agency.gov.uk)**

For waste, installations, medium combustion plant and specified generators by email to

**[PSC@environment-agency.gov.uk](mailto:PSC@environment-agency.gov.uk)**

For large electronic documents (too large for email attachment) you can upload your applications to file sharing sites and send us a link to download the documents. Alternatively, you can send more than one email with documents attached.

Or by post to:

Permitting Support, NPS Sheffield

Quadrant 2

99 Parkway Avenue

Parkway Business Park

Sheffield

S9 4WF

Do you want all information to be sent to you by email?

- Please tick this box if you wish to have all communication about this application sent via email (we will use the details provided in part A)

## 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 (£)

# Application Checklist

Question reference	Document title	Document reference
Part A, Q5c	Details of directors	Main Supporting Document - Appendix L
Part C2, Q2b, Table 1; Part C3, Q1, Table 1a	Proposed Changes	Main Supporting Document, Section 2.2, Table 2.1
Part C2, Q3d	Management Systems	Main Supporting Document, Section 4.6
Part C2, Q5a	Site Plan	Main Supporting Document, Appendix A, Figures 2, 3 and 4
Part C2, Q5b	Site Condition Report	Main Supporting Document, Appendix C
Part C2, Q5c, Q5f	Non-Technical Summary	Main Supporting Document, Section 1
Part C2, Q6	Environmental Risk Assessment	Main Supporting Document, Section 7, Appendix J
Part C3, Q2, Table 2	Emissions (releases)	Main Supporting Document, Sections 5.1, 5.2, 5.3, 5.4, 5.5 and 5.6
Part C3, Q3a, Table 3	Technical Standards	Main Supporting Document, Section 4.1, Section 4.2
Part C3, Q3c, Q6d	Raw Materials	Main Supporting Document, Section 4.8 and Table 4.1
Part C3, Q4a; Part C3, Appendix 1, Q10	Monitoring	Main Supporting Document, Section 6
Part C3, Q5a	Environmental Statement	Main Supporting Document, Appendix B
Part C3, Q6a, Q6c	Energy Efficiency	Main Supporting Document, Section 4.11
Part C3, Q6b	Energy Use	Main Supporting Document, Section 4.12
Part C3, Q6e	Waste	Main Supporting Document, Section 4.9
Part C6, Q5b2	Connection to foul sewer	Main Supporting Document, Section 5.2