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

Cyfoeth Naturiol Cymru
Natural Resources Wales

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

Please read through this form and the guidance notes that came with it. Please write clearly in the answer spaces.

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

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1 What waste operations are you applying for?

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

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

Document reference for the extra sheet: 9 - Operation Variation

Types of waste accepted

For each line in Table 1a, fill in a separate document to list those wastes you will accept on the site for that operation. Give the List of Wastes catalogue code and description. If you need to exclude wastes from your activity or facility by restricting the description, quantity, physical nature, hazardous properties, composition or characteristic of the waste, include these in the document. Send it to us with your application form.

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

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

Notes

1 By 'capacity', we mean the total landfill capacity (cubic metres) for landfills, the total treatment capacity (tonnes each day) for waste treatment and the total storage capacity (tonnes) for waste storage operations.

2 By 'total storage capacity', we mean the maximum amount of waste in tonnes you store on the site at any one time.

1 What waste operations are you applying for?, continued

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

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

Document reference for this document: 10 - EWC Waste Acceptance

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

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

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

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

No ☑

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 this discussion?

No ☑

Yes ☐

You must send us a copy of your waste recovery plan that complies with Regulatory Guidance Note 13. You should highlight any changes made since our pre-application discussions and tell us below the reference you have given the copy of the justification.

Document reference: NA

2 Emissions to air, water and land

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

Fill in one table for each waste operation.

Table 2 – Emissions

Name of the waste operation	Stenor Environmental Services Ltd			
Point source emissions to air				
Emission point reference and location	Source	Parameter	Quantity	Unit
NA				
Point source emissions to water (other than sewers)				
Emission point reference and location	Source	Parameter	Quantity	Unit
NA				

2 Emissions to air, water and land, continued

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

Supporting information

3 Operating techniques

3a Technical standards

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

You must justify your decisions in a separate document if:

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

This justification could include a reference to the Environmental Risk Assessment provided in section 7 of part B2 of the application form.

The documents should summarise the main measures you use to control the main issues identified in the H1 assessment or technical guidance. For each of the activities listed in Table 3a, describe the type of operation and the options you have chosen for controlling emissions from your process.

Table 3a – Technical standards

Fill in a separate table for each waste operation.

Name of waste operation Stenor Environmental Services Ltd		
Description of waste operation	Relevant technical guidance note (You will need to refer to 'How to comply' for all permits)	Document reference (if appropriate)
	'How to comply'	
WTS A11	PPG1,21,22	
	H6	
	H4	

3 Operating techniques, continued

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

Document reference for the description: 11- Process Diagram

3b General requirements

Fill in a separate Table 3b for each installation

Table 3b – General requirements

Name of the waste operation	Stenor Environemntal Services Ltd
If the TGN or H1 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 NA
If the TGN or H1 assessment shows that odours are an important issue, send us your odour management plan	Document reference or references NA
If the TGN or H1 assessment shows that noise or vibration are important issues, send us your noise or vibration management plan (or both)	Document reference or references NA

3c Information for specific sectors

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

Table 3c – Questions for specific sectors

Sector	Appendix
Clinical waste	See the questions in appendix 1
Disposing of and recovering hazardous waste	See the questions in appendix 2
Recovery to land for agricultural benefit of compost like outputs from the treatment of mixed municipal solid wastes	See the questions in appendix 3
Inert landfill	See the questions in appendix 4

General information

4 Monitoring

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

You should also describe any environmental monitoring. Tell us:

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

Document reference for this information: NA

4b Point source emissions to air only

Provide an assessment of the sampling locations used to measure point source emissions to air. The assessment must use M1.

Document reference for the assessment: NA

5 How to contact us

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

General enquiries: 0300 065 3000 (Monday to Friday, 8am to 6pm)

Email: enquiries@naturalresourceswales.gov.uk / ymholiadau@cyfoethnaturiolcymru.gov.uk

Website: www.naturalresourceswales.gov.uk / www.cyfoethnaturiolcymru.gov.uk

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 ☑

Crystal Mark 19105
Clarity approved by Plain English Campaign

For Natural Resources Wales use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No ☐

Yes ☐ Amount received

£

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

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

Note: If your procedures are fully in line with the standards set out in EPR5.07 then you should tick the 'yes' box and provide the procedure reference. There is no need for you to supply a copy of the procedure.

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

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

Document reference

Yes ☐ Document reference

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

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

Document reference

Yes ☐ Document reference

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

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

Document reference

Yes ☐ Document reference

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

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

Document reference

Yes ☐ Document reference

5 Are you proposing to either

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

No ☐

Yes ☐ Provide justification

Document reference

6 Please provide a summary description of the treatment activities undertaken on the waste facility. This should cover the general principles set out in section 2.1.4 of EPR S5.07

Document reference

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

Document reference

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

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

Note: If your procedures are fully in line with the standards set out in SGN 5.06 then you should tick the 'yes' box and provide the procedure reference. There is no need for you to supply a copy of the procedure.

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

Document reference

Yes ☐ Document reference

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

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

Document reference

Yes ☐ Document reference

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

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

Document reference

Yes ☐ Document reference

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

Document reference

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

Document reference

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

Document reference or references

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

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

Document reference

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

Document reference

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

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

Document reference

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

Yes ☐

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

Document reference

Appendix 4 – Specific questions for inert landfills

1 Provide your Environmental Setting and Installation Design (ESID) report

Document reference

2 Have you completed a hydrogeological risk assessment (HRA) for the site?

Yes ☐

No ☐ Document reference

Note: For inert landfills, this is only necessary in certain cases. Refer to our guidance 'Environmental Permitting Regulations: Inert Waste Guidance, Standards and Measures for the Deposit of Inert Waste on Land'.

Web page link: http://www.environment-agency.gov.uk/business/sectors/108918.aspx

Document link: http://publications.environment-agency.gov.uk/pdf/GEHO0509BPWJ-e-e.pdf

3 Provide your stability risk assessment (SRA) for the site

Document reference

4 Have you completed a landfill gas risk assessment (LFGRA) for the site?

Yes ☐

No ☐ Document reference

Note: For inert landfills, this is only necessary in certain cases. Refer to our guidance 'Environmental Permitting Regulations: Inert Waste Guidance, Standards and Measures for the Deposit of Inert Waste on Land'.

Web page link: http://www.environment-agency.gov.uk/business/sectors/108918.aspx

Document link: http://publications.environment-agency.gov.uk/pdf/GEHO0509BPWJ-e-e.pdf

We have developed templates for these four reports which can be found within H1 – Landfill Annex.

5 Provide your proposed plan for closing the site and your procedures for looking after the site once it has closed

Document reference