Industrial Emissions Licence

APPLICATION FORM

Organisation: ERAS ECO Limited

Reg. No.: W0211-03

Application Receipt Date: 18 January 2022

Environmental Protection Agency

P.O. Box 3000, Johnstown Castle Estate, Co. Wexford

Lo Call: 1890 335599 Telephone: 053-9160600 Fax: 053-9160699

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Contents

ABOUT THIS APPLICATION FORM

Application for an Industrial (including Intensive Agriculture) Licence or a Waste Licence or Review of a Licence

This application/review application covers three licence types; Industrial Emissions (IE), Integrated Pollution Control (IPC) and Waste, under the Environmental Protection Agency Act 1992 as amended and the Waste Management Act 1996 as amended.

This application has been developed by the EPA for the purposes of:

- Making an application to the EPA for a licence or review of a licence or revised licence. In this case, licence means Industrial Emissions (IE), Integrated Pollution Control (IPC) or Waste Licence.

Further information and guidance on the licence application and review process is available on the EPA's website at: www.epa.ie.

Your licence application/review and all supporting information should be submitted to the EPA via EDEN, hereafter called 'Application Form'.

About the Application Form

The 'Application Form' must be completed in accordance with the instructions included in EDEN and available on the EPA website. A valid application for a licence must contain the information prescribed in the relevant Licensing Regulations available on the EPA website. The Regulations sets out the statutory requirements for information to accompany a licence application. The application form is designed in such a way as to set out these questions in a structured manner and not necessarily in the order presented in Regulation.

This 'Application Form' does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Environmental Protection Agency Act 1992 as amended or Waste Management Act 1996 as amended and the associated Regulations. While every effort has been made to ensure the accuracy of the material contained in the 'Application Form', the EPA assumes no responsibility and gives no guarantees, undertakings and warranties concerning the accuracy, completeness or up-to-date nature of the information provided herein and does not accept any liability whatsoever arising from any errors or omissions.

Should there be any contradiction between the information requirements set out in the 'Application Form' and any clarifying explanation on the EPA website then the requirements in this 'Application Form' shall take precedence. The requirements of the Regulations, shall take precedence over any considerations mentioned in this 'Application Form' or on the website.

Public Access

Information supplied in this 'Application Form' including supporting documentation and attachments will be put on public display on the internet and is therefore open to inspection by any person.

Confidential Information

Should you consider information to be confidential, this information should be submitted in a separate enclosure to the headquarters of the EPA bearing the legend "In the event this information is deemed not to be held as confidential, it must be returned to …….". In the event that the information is considered to be of a confidential nature, then the nature of this information, and the reasons why it is considered confidential (with reference to the "Access to Information on the Environment" Regulations) should be stated in the submission and the 'Application Form', where relevant.

Attachment format and file size

All files attached to this 'Application Form' should be submitted in searchable PDF format and be no larger than 10MB each in size.

The information you provide in this 'Application Form' will be used by the EPA to assess your application and may be used for other EPA purposes.

Please note that the EPA is subject to Freedom of Information Act 2014 and the Access to Environmental Information Regulations 2007 as amended. Any information that you save to EDEN at any time will be stored on the EPA's IT system and will be made available as required under law, including the above legislation.

The system generated Application ID for this licence application/review is: **LA007376**

1. Introduction

1.1. New/Review Authorisation Application

Existing Licence Reg No: W0211-02

Reasons for the licence review:

- ☐ Additional Class of Activity
- ☐ Increase in capacity
- ☐ Increase in emissions
- ☐ Waste acceptance change
- ☐ New/relocated emission point(s)
- ☑ Site related change (hours of operation, boundary, etc.)
- ☐ New abatement equipment
- ☑ Other

Upload details of why you are applying for a licence review, in accordance with the guidance.

Document Type	Document Name
Reason for Review	1.1 Reason for Review

1.2. Non-Technical Summary

Upload a copy of the non-technical summary, in accordance with the guidance.

Document Type	Document Name
Non Technical Summary	1-2-Non-Technical-Summary

2. Organisation

2.1 Organisation Details

Business type

Body Corporate

Company CRO (Registration) number

388559

Organisation Name

ERAS ECO Limited

Organisation Address	Organisation Registered Address
Foxhole	Killowen
Youghal	Portlaw
Cork	Waterford

Organisation's Website Address

Not Provided

Upload a Certificate of Incorporation, in accordance with the guidance, if applicable

Document Type	Document Name
Certificate of Incorporation	Cert of Incorporation change of name
Certificate of Incorporation	Cert of incorporation AVR

☑ **Check that the CRO number presented above is identical to the CRO number provided in: (i) the initial Licence Application to the EPA for this installation/facility**

Or

(ii) the Licence Transfer application which transferred this licence to the applicant organisation.

Tick box if you can confirm this.

If not, please contact the EPA at licensing@epa.ie as a Licence Transfer may be required

If the applicant is NOT the operator, please upload an attachment that states the name, address and telephone number of the operator and, if the operator is a body corporate, the address of its registered office or principal office (Optional):

Document Type	Document Name
No files uploaded	

☑ **Tick to confirm that the above organisation details are correct**

NUTS 2 Code	NACE Code
IE053	3821

State the number of employees and other persons working or engaged in connection with activity on the date after which a licence is required and during normal levels of operation
3

2.2 Primary Contact for Correspondence on this Application

Primary Contact

Mr. Dominic Broadhurst

Position in Organisation

Manager

Address of Primary Contact

eras eco

foxhole

youghal

Cork

Business Mobile Number

0861424724

Landline Number

Not Provided

Email Address

dbroadhurst@eras.ie

2.3 Primary Contact for Correspondence – Post Determination

Primary Contact

Mr. Dominic Broadhurst

Position in Organisation

Manager

Address of Primary Contact

eras eco

foxhole

youghal

Cork

Business Mobile Number

0861424724

Landline Number

Not Provided

Email Address

dbroadhurst@eras.ie

2.4 Holding (Parent) Company

Does the organisation have a holding (parent) company?

No

2.5 Fit and Proper Person

Convictions and Financial Commitment

Has the applicant or other relevant person been convicted as per guidance?

Yes

Document Type	Document Name
Relevant Convictions	2.5-Fit and Proper Person

Indicate whether the applicant or other relevant person has current or past bankruptcy or other insolvency proceedings against them or has entered into an arrangement with its creditors or suspended its business activities

No

☑ **Please confirm that the applicant, or other relevant persons, will be in a position to meet any financial commitments or liabilities that may have been or will be entered into or incurred in carrying on the activity to which the application relates or in consequence of ceasing to carry out that activity**

Financial Commitments Declaration

Please download the attached declaration form, sign and upload the signed copy as a PDF document

Document Type	Document Name
Fit and Proper Declaration	2.5 Financial Commitments Declaration - signed

Technical Knowledge

Upload details of the applicant's technical knowledge and/or qualifications, along with that of other relevant employees.

Document Type	Document Name
Technical Knowledge	2-5 Technical Knowledge

3. Site

3.1 Site Name and Address

State the site name (update if necessary)
ERAS ECO Ltd

Site Address
Foxhole
Youghal
Cork
P36F903

NUTS 2 Code

IE05

NUTS 3 Code

IE053

NACE Code
3821

Site Telephone Number
Not Provided

3.2 Site Geographical Location

Site Centre Point – Easting

(Irish Grid Reference – 6 digits)

209700

Site Centre Point – Northing

(Irish Grid Reference – 6 digits)

079770

Does the site cover multiple townlands?
No

Upload a copy of the site plan(s) in accordance with the guidance:

Document Type	Document Name
Site Plan	21-193-01 Site Layout

Upload a copy of the location map in accordance with the guidance:

Document Type	Document Name
Site Map	Site Location

3.3 Site Contact

Primary Contact
Mr. Dominic Broadhurst

Position in Organisation
Manager

Business Mobile Number
0861424724

Landline Number
Not Provided

Email Address
dbroadhurst@eras.ie

3.4 Site and Building Ownership

Is the applicant (or will the applicant be, in the case of a new activity) the owner of the site where the proposed activity is to take place?
Yes

Is the applicant (or will the applicant be, in the case of a new activity) the owner of the building where the proposed activity is to take place?
Yes

4. Activity and Capacity

4.1 Sectors and Classes of Activity

Add sectors and corresponding Classes of Activity relevant to the operation. Then select one Main Class of Activity using the radio buttons.

Sector	Activity and Description	IED Category of Activity	Main Class of Activity

Waste	11.4 (b)(i) – Recovery, or a mix of recovery and disposal, of non-hazardous waste with a capacity exceeding 75 tonnes per day involving one or more of the following activities, (other than activities to which the Urban Waste Water Treatment Regulations 2001 (S.I. No. 254 of 2001) apply): biological treatment; when the only waste treatment activity carried out is anaerobic digestion, the capacity threshold for this activity shall be 100 tonnes per day.	5.3 (b)(i)	Yes

4.2 Application Type Confirmation

Based on the activities selected above the application type has been determined as:

Industrial Emissions Licence

4.3 Waste Activities

Nature of Waste Activity

Are you or do you propose to be a merchant waste operator? (i.e., do you or do you propose to accept waste on a commercial basis from others?)

Yes

Do you or do you propose to treat waste generated by on-site activities?

No

Do you or do you propose to accept any household wastes (residual, recyclables, organics) directly from the public at the site?

No

Do you or do you propose to accept animal by-products or waste containing animal by-products on site?

Yes

Add all recovery and disposal activities and capacities relevant to the operation. Select one principal waste activity (for Waste Management Act activities only) using the relevant radio button.

Recovery and Disposal Activity and Description	Treatment Type	Capacity (note: not throughput or proposed throughput)	Maximum Quantity of waste to be accepted for this activity (tonnes/annum)	Principle Activity
R03 – Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)	R03 - Anaerobic digestion	178 tonnes/day	65,000	Yes

Upload a document that sets out how you calculated the capacity for each recovery and disposal activity selected in the table above:

Document Type	Document Name
R and D Activity Capacity	4.3.1 Capacity Calculations

Waste acceptance at the waste facility

Upload a copy of your waste acceptance procedure

Document Type	Document Name
Waste Acceptance Procedure	4-3 Waste Acceptance Procedure

List of Wastes by R&D Code and Treatment Type

For each waste treatment process (by Recovery or Disposal Activity) identified previously, indicate the waste(s) (by List of Waste Code) that could be subject to that treatment process.

'List of Waste' (LOW) Code	'List of Waste' Description before Treatment	Treatment Type	Applicant's Description of Waste Accepted
02 02 03	materials unsuitable for consumption or processing	R03 - Anaerobic digestion	Off Specification Materials

02 02 04	sludges from on-site effluent treatment	R03 - Anaerobic digestion	Sludge
02 03 04	materials unsuitable for consumption or processing	R03 - Anaerobic digestion	Off Specification Materials
02 05 01	materials unsuitable for consumption or processing	R03 - Anaerobic digestion	Off Specification Materials
02 05 02	sludges from on-site effluent treatment	R03 - Anaerobic digestion	Sludge
02 06 01	materials unsuitable for consumption or processing	R03 - Anaerobic digestion	Off Specification Materials
02 06 03	sludges from on-site effluent treatment	R03 - Anaerobic digestion	Sludge
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials	R03 - Anaerobic digestion	Production Residues
02 07 04	materials unsuitable for consumption or processing	R03 - Anaerobic digestion	Off Specification Materials
02 07 05	sludges from on-site effluent treatment	R03 - Anaerobic digestion	SLudge
19 08 05	sludges from treatment of urban waste water	R03 - Anaerobic digestion	Sludge
20 01 08	biodegradable kitchen and canteen waste	R03 - Anaerobic digestion	Food Waste
20 01 25	edible oil and fat	R03 - Anaerobic digestion	Expired Edible Oils and Fats
20 03 99	municipal wastes not otherwise specified	R03 - Anaerobic digestion	Expired Food Waste

In the tables below summarise the waste activity or activities to reflect your licence application, categorised by treatment process, waste source and waste type. Note these tables should represent actual throughput, not capacity

Waste Source	Maximum to be Accepted (tonnes/annum)

Municipal	0
Construction and Demolition	0
Other	65,000
Total	**65,000**

Waste Type	Maximum to be Accepted (tonnes/annum)
Hazardous	0
Non Hazardous	65,000
Total	**65,000**

Upload further information, as needs be, including detailed calculations, to support the data presented in the tables above:

Document Type	Document Name
Waste Activity Calculations	4.3.1 Maxiumum Waste Types

Upload evidence that demonstrates that the waste hierarchy has been considered when choosing treatment options for waste treated or transferred off-site:

Document Type	Document Name
Waste Hierarchy Consideration	4-3 Waste Hierarchy

Storage of Waste and Non Waste

Specify the maximum total quantity of waste (in tonnes) to be held on site at any one time, including untreated waste, waste being processed and residual (post-treatment) waste
6,820

Complete and upload the template with details of the maximum quantities of waste and non-waste that will be stored on site at any one time

Document Type	Document Name
Max Waste Storage	4.3.2 Storage-Waste-Non-Waste

Upload a document explaining how you calculated the waste, non-waste and capacity figures provided

Document Type	Document Name
Waste Capacity Calculations	4.3.1 Capacity Calculations

4.4 Capacity

Section Not Required - based on applicant's responsed

4.5 Other Regulations or Directives

Select all other regulations and directives that are relevant for activities carried out or proposed to be carried out at the installation or facility

1 **EC (Control of Major Accident Hazards involving Dangerous Substances) Regulations (S.I. No. 74 of 2006)**

No

2 **Greenhouse gas emissions regulations permit**

No

3 **GMO regulations permit**

No

4 **Waste authorisation (certificate of registration, waste facility permit) regulations**

No

5 **Operator of equipment and systems containing ozone depleting substances, in accordance with Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer**

No

6 **Operator of equipment and systems containing fluorinated greenhouse gases, in accordance with Regulation (EC) No. 842/2006 on certain fluorinated greenhouse gases**

No

7 **European Communities Mercury (Export Ban and Safe Storage) Regulations (S.I. No. 27 of 2012)**

No

8 **S.I. No 564 of 2012: European Union (Paints, Varnishes, Vehicle Refinishing Products and Activities) Regulations 2012**

No

9 **Regulation (EC) No 1102/2008 of the European Parliament and of the Council of 22 October 2008 on the banning of exports or metallic mercury and certain mercury compounds and mixtures and the safe storage of metallic mercury**

No

10 **Operator of an agro-food processing plant where Article 13 of the Council Directive 91/271/EEC concerning urban waste water treatment (> 4,000p.e WWTP discharging to surface water) applies**

No

11 **Local Government (Water Pollution) Act, 1977 (Control of Cadmium Discharges) Regulations 1985 (S.I. No. 294 of 1985);**

No

12 **Local Government (Water Pollution) Act, 1977 (Control of Hexachlorocyclohexane and Mercury Discharges) Regulations 1986 (S.I. No. 55 of 1986)**

No

13 **Local Government (Water Pollution) Acts, 1977 and 1990 (Control of Carbon Tetrachloride, DDT and Pentachlorophenol Discharges) Regulations 1994 (S.I. No. 43 of 1994)**

No

14 **Medium Combustion Plant Directive (EU) 2015/2193 on the limitation of emissions of certain pollutants into the air from medium combustion plants.**

No

Extractive Waste Regulations

Do the Extractive Waste Regulations (Waste Management (Management of Waste from the Extractive Industries) Regulations) apply to your activities?

No

4.6 Resource and Energy Usage

Water Usage

Do you or do you propose to abstract groundwater for use at the installation or facility?
No

Do you or do you propose to abstract surface water for use at the installation or facility?
No

Do you or do you propose to use water from the public supply for use at the installation or facility?
Yes

Do you or do you propose to use water from another source for use at the installation or facility?
No

Electricity Usage

Do you or do you propose to generate renewable electricity at the installation or facility?
Yes

Do you or do you propose to generate non-renewable electricity at the installation or facility?
No

Water and Energy Usage

Upload tabulated details of water and energy used or generated on the site.

Document Type	Document Name
Water and Energy Usage	4.6-1-Water-Energy

Raw Materials, Intermediates and Products

Upload tabulated details of process related raw and ancillary materials, substances, preparations, intermediates, products etc., which will be produced by or utilised in the activity

Document Type	Document Name
Materials Used or Generated	4.6.2 Raw-Material-Interm-Products

4.7 BAT (Best Available Techniques)

BAT Conclusions

Licence BAT Assessment	
CID 2018/1147/EU	Commission Implementing Decision (EU) 2018/1147 of 10 August 2018 establishing best available techniques (BAT) conclusions for waste treatment, under Directive 2010/75/EU of the European Parliament and of the Council (notified under document C(2018) 5070) (Text with EEA relevance.)

General BAT Conclusions

BATC No.	Objective / Licensee Response / Attachment	Applicability
1	In order to improve the overall environmental performance, BAT is to implement and adhere to an environmental management system (EMS) that incorporates all of the following features: See linked document for the full text of the BAT conclusion **Response :** An accredited EMS is in place	Yes
2	In order to improve the overall environmental performance of the plant, BAT is to use all of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** An accredited EMS and waste handling procedures are in place	Yes
3	In order to facilitate the reduction of emissions to water and air, BAT is to establish and to maintain an inventory of waste water and waste gas streams, as part of the environmental management system (see BAT 1), that incorporates all of the following features: See linked document for the full text of the BAT conclusion **Response :** Process wastewater is not generated and sanitary wastewater from the offices is treated in a proprietary treatment system (Puraflo ©) adjacent to the northern site boundary, before being discharged to the Irish Water foul sewer that connects to the municipal wastewater treatment plant in Youghal.	Yes

	The biogas is currently used on-site as a renewable fuel to generate electricity in an-onsite combined heat and power (CHP) plant comprising two gas engines. The electricity is fed into national electricity grid. In the longer term the gas will either be fed directly to the national gas grid or compressed and sent off-site for use a bio-fuel.	
4	In order to reduce the environmental risk associated with the storage of waste, BAT is to use all of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** A waste storage plan is in place.	Yes
5	In order to reduce the environmental risk associated with the handling and transfer of waste, BAT is to set up and implement handling and transfer procedures. See linked document for the full text of the BAT conclusion **Response :** Waste handling procedures are in place.	Yes
6	For relevant emissions to water as identified by the inventory of waste water streams (see BAT 3), BAT is to monitor key process parameters (e.g. waste water flow, pH, temperature, conductivity, BOD) at key locations (e.g. at the inlet and/or outlet of the pretreatment, at the inlet to the final treatment, at the point where the emission leaves the installation). See linked document for the full text of the BAT conclusion **Response :** There is no wastewater emission to water	Not Applicable
7	BAT is to monitor emissions to water with at least the frequency given below, and in accordance with EN standards. If EN standards are not available, BAT is to use ISO, national or other international standards that ensure the provision of data of an equivalent scientific quality. See linked document for the full text of the BAT conclusion **Response :** There is no treated wastewater emission to waters	Not Applicable
8	BAT is to monitor channelled emissions to air with at least the frequency given below, and in accordance with EN standards. If EN standards are not available, BAT is to use ISO, national or other international standards that ensure	Yes

	the provision of data of an equivalent scientific quality. See linked document for the full text of the BAT conclusion **Response :** Control and monitoring of emissions to air is carried out in accordance to the licence conditions	
9	BAT is to monitor diffuse emissions of organic compounds to air from the regeneration of spent solvents, the decontamination of equipment containing POPs with solvents, and the physical-chemical treatment of solvents for the recovery of their calorific value, at least once per year using one or a combination of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** Not applicable	Not Applicable
10	BAT is to periodically monitor odour emissions. See linked document for the full text of the BAT conclusion **Response :** Monitoring of the odour control unit is carried out in accordance with Licence conditions	Yes
11	BAT is to monitor the annual consumption of water, energy and raw materials as well as the annual generation of residues and waste water, with a frequency of at least once per year. See linked document for the full text of the BAT conclusion **Response :** The annual consumption of water, energy and raw materials as well as the annual generation of residues and waste water, are recorded and reported in the AER.	Yes
12	In order to prevent or, where that is not practicable, to reduce odour emissions, BAT is to set up, implement and regularly review an odour management plan, as part of the environmental management system (see BAT 1), that includes all of the following elements: See linked document for the full text of the BAT conclusion **Response :** An Odour Management Plan (OMP) for waste handling operations identifies the operational and control measures required to effectively manage and control odours in normal and abnormal conditions.	Yes
13	In order to prevent or, where that is not practicable, to reduce odour emissions, BAT is to use one or a	Not Applicable

	combination of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** Not applicable the anaerobic digesters and the digestate storage tank are fully enclosed	
14	In order to prevent or, where that is not practicable, to reduce diffuse emissions to air, in particular of dust, organic compounds and odour, BAT is to use an appropriate combination of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** Odour management plan is in place, dust control measures in use.	Yes
15	BAT is to use flaring only for safety reasons or for non-routine operating conditions (e.g. start-ups, shutdowns) by using both of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** The back up flared is only used when the CHP plant is undergoing maintenance and in the event of a break-down. Licence specifies the monitoring that must be carried out, including flare gas efficiency.	Yes
16	In order to reduce emissions to air from flares when flaring is unavoidable, BAT is to use both of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** A gas flare is only used as a back up when the CHP units are undergoing maintenance.	Yes
17	In order to prevent or, where that is not practicable, to reduce noise and vibration emissions, BAT is to set up, implement and regularly review a noise and vibration management plan, as part of the environmental management system (see BAT 1), that includes all of the following elements: See linked document for the full text of the BAT conclusion **Response :** The control measures specified in the licence are implmented which are designed to ensure waste activities do not give rise to noise emissions that will be a cause of nuisance or impairment outside the facility boundary.	Yes

18	In order to prevent or, where that is not practicable, to reduce noise and vibration emissions, BAT is to use one or a combination of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** The control measures specified in the licence are implmented which are designed to ensure waste activities do not give rise to noise emissions that will be a cause of nuisance or impairment outside the facility boundary.	Yes
19	In order to optimise water consumption, to reduce the volume of waste water generated and to prevent or, where that is not practicable, to reduce emissions to soil and water, BAT is to use an appropriate combination of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** Wash water from the wheel cleaning carried out in the processing building is added to the anaerobic digestion feed stock.	Yes
20	In order to reduce emissions to water, BAT is to treat waste water using an appropriate combination of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** The wheel wash water is added to the anaerobic digestion feedstock. The process does not generate a waste water that is discharged to waters	Not Applicable
21	In order to prevent or limit the environmental consequences of accidents and incidents, BAT is to use all of the techniques given below, as part of the accident management plan (see BAT 1). See linked document for the full text of the BAT conclusion **Response :** Site is surrounded by a security wall. The intruder alarm in the office is monitored remotely out of operational hours. An Accident Prevention Procedure has been prepared and explosion risk management measures are in place. An Emergency Response Procedure has been prepared.	Yes

22	In order to use materials efficiently, BAT is to substitute materials with waste. See linked document for the full text of the BAT conclusion **Response :** Given the nature of the activity there are no opportunities to substitute materials with wastes in the process itself. The digestate replaces chemical fertilisers.	Not Applicable
23	In order to use energy efficiently, BAT is to use both of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** An energy audit has been carried out, annual consumption of energy is monitored.	Yes
24	In order to reduce the quantity of waste sent for disposal, BAT is to maximise the reuse of packaging, as part of the residues management plan (see BAT 1). See linked document for the full text of the BAT conclusion **Response :** Given the nature of the packaging removed from the incoming materials it is not possible to reuse them.	Not Applicable

Licence BAT Assessment	
CID 2018/1147/EU	Commission Implementing Decision (EU) 2018/1147 of 10 August 2018 establishing best available techniques (BAT) conclusions for waste treatment, under Directive 2010/75/EU of the European Parliament and of the Council (notified under document C(2018) 5070) (Text with EEA relevance.)

BAT conclusions for biological treatment of waste

BATC No.	Objective / Licensee Response / Attachment	Applicability
33	In order to reduce odour emissions and to improve the overall environmental performance, BAT is to select the waste input. See linked document for the full text of the BAT conclusion **Response :** Waste acceptance procedures are in place to ensure that only compatible materials are accepted	Yes
34	In order to reduce channelled emissions to air of dust, organic compounds and odorous compounds, including H2S and NH3, BAT is to use one or a combination of the	Yes

	techniques given below. See linked document for the full text of the BAT conclusion **Response :** Odour control unit comprising a wet scrubber and carbon filter in place	
35	In order to reduce the generation of waste water and to reduce water usage, BAT is to use all of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** Wash water from the vehicle cleaning inside the processing building is collected and added to the digesters.	Yes
36	In order to reduce emissions to air and to improve the overall environmental performance, BAT is to monitor and/or control the key waste and process parameters. See linked document for the full text of the BAT conclusion **Response :** Not applicble	Not Applicable
37	In order to reduce diffuse emissions to air of dust, odour and bioaerosols from open-air treatment steps, BAT is to use one or both of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** Not applicable	Not Applicable
38	In order to reduce emissions to air and to improve the overall environmental performance, BAT is to monitor and/or control the key waste and process parameters. See linked document for the full text of the BAT conclusion **Response :** Licence requires the control and monitoring of key waste and process paramaters.	Yes
39	In order to reduce emissions to air, BAT is to use both of the techniques given below. See linked document for the full text of the BAT conclusion **Response :** Not applicable to the site as different waste gas streams are not produced and process does not require recirculation of gases.	Not Applicable

BREF

Select all relevant BAT reference document(s) (BREFs), provide an assessment against each

BREF	Document Type	BREF Document Name
No files uploaded		

EPA National BAT

Select all relevant EPA BAT guidance notes and attach the assessments made against them

EPA Bat Guidance Note	Document Type	EPA National BAT Assessment Document Name
No files uploaded		

4.8 Reports

Operational Report

Upload an 'Operational Report' for the activity in accordance with the guidance

Document Type	Document Name
Operational Report	4-8 Operational Report

Baseline Report

Has an assessment and or Baseline Report previously been submitted to the EPA in relation to this site as per the European Commission's guidance concerning baseline reports

No

Upload a report that addresses sections 1 to 3 of the European Commission's guidance concerning baseline reports

Document Type	Document Name
Baseline Screening	Baseline Assessment Stage 1-3
Baseline Screening	4-8 Baseline Assessment

Does the report referred to above specify that a Baseline Report is required?
No

Site Condition Report

Upload a document that describes the condition of the site of the installation or facility in accordance with the guidance

Document Type	Document Name
Site Condition Report	Site Condition Report

4.9 Solvents

Do you or do you intend to use organic solvents at the installation or facility?

No

4.10 Large Combustion Plants

Section Not Required - based on applicant's response

4.11 Incineration and Co-Incineration

Section Not Required - based on applicant's response

5. Financial

5.1 Financial Template

Completed template

Document Type	Document Name
Financial Application Section	5-1-Financial

5.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Fee Payment Evidence	Application Fee €6000 Eras Eco

6. Stakeholder Engagement

6.1 Stakeholder Engagement Template

Completed template

Document Type	Document Name
Stakeholder Engagement Section	6.1 Stakeholder-Engagement

6.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
AA Screening	6-2 Appropriate Assessment Screening
Evidence of Notices	6.7 Site Notice
Evidence of Notices	6.7 Cork County Council Notification
Evidence of Notices	6.7 Newspaper Notice 6 10 2021
Evidence of Notices	Drawing TPA_001 - Site Notice Location Map
NIS - Planning	6.3 Natura Impact Statement
Planning Decision	Decision PL04-D211117
Planning Decision	Inspectors Report PL04-R239166
Planning Decision	Inspectors Report PL04-R211117
Planning Decision	Decision PL04-D239166
Project and Threshold - Planning	6.1.Planning and Threshold

7. Emissions

7.1 Overview

Emissions, Discharges and Landspreading Applicability

With reference to the emissions/discharges from the installation and any associated landspreading activity indicate whether the thematic is applicable by inserting yes or no (Note: If you select 'no' you are indicating that there are no emissions of this type and your application will be considered on this basis)

Emission Type	Applicable
Emissions to Surface Water (not including Storm Water)	No
Emissions to Sewer	No
Emissions to Air (including minor, potential and fugitive emissions to air)	Yes
Noise Emissions and Noise Monitoring Points	No
Emissions to Ground **(including disposal of sanitary effluent and potential emissions to ground)** and Landspreading	No
Storm Water Discharges	Yes

Emissions Overview Template

Completed template

Document Type	Document Name
Emissions Overview Section	7.1-1-Emissions-Overview

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Emissions Compliance Report	7.1.3 Emissions Compliance Report

7.2 Emissions to Surface Water (not including Storm Water)

Section Not Required – based on applicant's response

7.3 Emissions to Sewer

Section Not Required – based on applicant's response

7.4 Emissions to Air (including minor, potential and fugitive emissions to air)

Emissions to Air (including minor, potential and fugitive emissions to air) Template

Completed template

Document Type	Document Name
Emissions - Air Section	7.4.1 Air-Main

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
No files uploaded	

7.5 Noise Emissions and Noise Monitoring Points

Section Not Required – based on applicant's response

7.6 Emissions to Ground and Landspreading

Section Not Required – based on applicant's response

7.7 Storm Water Discharges

Storm Water Discharges Template

Completed template

Document Type	Document Name
Storm Water Section	7.7-1-Storm-Water

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
No files uploaded	

8. Waste Generated On-Site

8.1 Waste Generated On-Site Template

Completed template

Document Type	Document Name
Waste Generated Section	8-1-Waste

8.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Waste Hierarchy	8-1-Waste Hierarchy

9. Environmental Management and Techniques

9.1 Environmental Management and Techniques Template

Completed template

Document Type	Document Name
EMT Section	9-1-EMT

9.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
ELRA	ELRA
Site Closure	DMP

10. Submit Application

Prior to submitting your completed application, please tick the box below to confirm the following:

- I declare that all the information and particulars given in this application form and all associated attachments are truthful, accurate and complete to the best of my knowledge and belief.
- I give consent to the EPA to copy this application form and all associated attachments for its own use and to make it available for inspection and copying by the public both in paper form and on the EPA's website. This consent relates to the application form itself, all associated attachments and to any further information, submission, objection, or submission to an objection whether provided by me as applicant or any person acting on the applicant's behalf.

☑ **I confirm**

First Name

Jim

Surname

O'Callaghan

Position

Agent

Upload a copy of scanned signature and company stamp

Document Type	Document Name
Signature and Company Stamp	10.1 Signed Declaration