



Industrial Emissions Licence

APPLICATION FORM

Organisation: Miltown Composting Systems Limited

Reg. No.: W0270-03

Application Receipt Date: 03 March 2023

Environmental Protection Agency

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

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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: **LA010323**

1. Introduction

1.1. New/Review Authorisation Application

Existing Licence Reg No: W0270-02

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	Licence Review Reasoning 2022

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	Miltown Non technical summary 2022

2. Organisation

2.1 Organisation Details

Business type

Body Corporate

Company CRO (Registration) number

381855

Organisation Name

Miltown Composting Systems Limited

Organisation Address

Miltownmore

Fethard

Tipperary

Organisation Registered Address

5 Lapps Quay

Cork

T12 RW7D

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	Milltown Composting Cert of Incorporation

- 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
<i>No files uploaded</i>	



Tick to confirm that the above organisation details are correct

NUTS 2 Code	NACE Code
IE052	3832

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

8

2.2 Primary Contact for Correspondence on this Application

Primary Contact

Mr. neil barry

Address of Primary Contact

16 lower gate apts

cashel

Position in Organisation

Administrator

Tipperary

Business Mobile Number

086 7707372

Landline Number

052 6130815

Email Address

neil@miltowncomposting.ie

2.3 Primary Contact for Correspondence – Post Determination

Primary Contact

Mr. neil barry

Address of Primary Contact

16 lower gate apts

cashel

Position in Organisation

Tipperary

Administrator

Business Mobile Number

086 7707372

Landline Number

052 6130815

Email Address

neil@miltowncomposting.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?

No

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 Template(1)

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	Miltown Composting Technical Knowledge 2022

3. Site

3.1 Site Name and Address

State the site name (update if necessary)

Miltown Composting Systems Limited

Site Address

Miltownmore
Fethard
County Tipperary
Tipperary
E91X8E8

NUTS 2 Code

IE05

NUTS 3 Code

IE051

NACE Code

3832

Site Telephone Number

052 6130815

3.2 Site Geographical Location

Site Centre Point – Easting

(Irish Grid Reference – 6 digits)

215710

Site Centre Point – Northing

(Irish Grid Reference – 6 digits)

133448

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	C.1 - 1-1000 site plan (003)
Site Plan	C.2 - Drawing p-03
Site Plan	C.3 -Drawing P-02

Site Plan	1-1000 site plan (003) - Attachment A1
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Upload a copy of the location map in accordance with the guidance:

Document Type	Document Name
Site Map	1 - Milltown Site Location Map-1-10560
Site Map	2 - Milltown Site and Notice Location Map-1-2500

3.3 Site Contact

Primary Contact

Mr. David Ronan

Position in Organisation

Managing Director

Business Mobile Number

0862559579

Landline Number

0526135353

Email Address

dronan@ronanind.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)(ii) – 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): pre-treatment of waste for incineration or co-incineration;	5.3 (b)(ii)	No
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: <u>not</u> 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 - Composting (aerobic)	240 tonnes/day	75,000	Yes
R13 – Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage, pending collection, on the site where the waste is produced)	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	240 tonnes	75,000	No

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	Miltown Maximum Storage Calculations 2022

Waste acceptance at the waste facility

Upload a copy of your waste acceptance procedure

Document Type	Document Name
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Waste Acceptance Procedure	SOP MC01 Revised Waste Acceptance Procedure
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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 01 01	sludges from washing and cleaning	R03 - Composting (aerobic)	sludge
02 01 03	plant-tissue waste	R03 - Composting (aerobic)	vegetation
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site	R03 - Composting (aerobic)	agricultural waste
02 01 07	wastes from forestry	R03 - Composting (aerobic)	wood and branches
02 01 99	wastes not otherwise specified	R03 - Composting (aerobic)	other food wastes
02 03 99	wastes not otherwise specified	R03 - Composting (aerobic)	other compostable Materials
02 07 99	wastes not otherwise specified	R03 - Composting (aerobic)	other compostable Materials
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats	R03 - Composting (aerobic)	food oils and greases

19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	R03 - Composting (aerobic)	compostable sludges
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13	R03 - Composting (aerobic)	other compostable sludges
19 08 99	wastes not otherwise specified	R03 - Composting (aerobic)	other compostable Materials
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R03 - Composting (aerobic)	Organic Fines
20 01 25	edible oil and fat	R03 - Composting (aerobic)	Compostable oils & fats
02 01 01	sludges from washing and cleaning	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Sludge
02 01 03	plant-tissue waste	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the	Plants & Green waste

		waste is produced)	
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Manure
02 01 07	wastes from forestry	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Vegetation
02 01 99	wastes not otherwise specified	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Other Municipal Organic material
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation	R13 - Storage of waste pending any of the operations	Sludge

		numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	
02 03 04	materials unsuitable for consumption or processing	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Old Fruit & Veg
02 03 05	sludges from on-site effluent treatment	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Sludge
02 03 99	wastes not otherwise specified	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the	Other Compostable Wastes

		waste is produced)	
02 04 03	sludges from on-site effluent treatment	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Sludge
02 04 99	wastes not otherwise specified	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Off Spec Beet or Cane
02 05 01	materials unsuitable for consumption or processing	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Off spec dairy products
02 05 02	sludges from on-site effluent treatment	R13 - Storage of waste pending any of the operations	Treatment Sludge

		numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	
02 05 99	wastes not otherwise specified	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Other Compostable Material
02 06 01	materials unsuitable for consumption or processing	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Off Spec bakery Material
02 06 03	sludges from on-site effluent treatment	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the	Sludge

		waste is produced)	
02 06 99	wastes not otherwise specified	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Other bakery Sourced Compostable Material
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Vat Cleaning Waste
02 07 02	wastes from spirits distillation	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Sludge or Natural Process Wastes
02 07 04	materials unsuitable for consumption or processing	R13 - Storage of waste pending any of the operations	Grains & Organic material from process

		numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	
02 07 05	sludges from on-site effluent treatment	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Treatment sludges
02 07 99	wastes not otherwise specified	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Other Compostable materials
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the	Wood processing sludge

		waste is produced)	
19 08 01	Screenings	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Water Treatment Screenings
19 08 02	waste from desanding	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Water Treatment sand Waste
19 08 05	sludges from treatment of urban waste water	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Water Treatment Sludge
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats	R13 - Storage of waste pending any of the operations	Fats and Oils

		numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Sludge
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Sludge
19 08 99	wastes not otherwise specified	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the	Other Compositable Materials from water Treatment

		waste is produced)	
19 12 07	wood other than that mentioned in 19 12 06	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	waste wood from processed MSW
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Organic Fines
20 01 01	paper and cardboard	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Food Contaminated paper and Card
20 01 08	biodegradable kitchen and canteen waste	R13 - Storage of waste pending any of the operations	Food Waste

		numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	
20 01 25	edible oil and fat	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Waste Oils and Fats
20 02 01	biodegradable waste	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Biowaste
20 03 01	mixed municipal waste	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the	Organic MMW

		waste is produced)	
20 03 02	waste from markets	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Waste Food or Sweepings
20 03 03	street-cleaning residues	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Non-Hazardous Street Sweepings
20 03 04	septic tank sludge	R13 - Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Sludge
20 03 06	waste from sewage cleaning	R13 - Storage of waste pending any of the operations	Residual Wash Water

		numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	
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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	70,000
Construction and Demolition	0
Other	5,000
Total	75,000

Waste Type	Maximum to be Accepted (tonnes/annum)
Hazardous	0
Non Hazardous	75,000
Total	75,000

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	Miltown Maximum Storage Calculations 2022

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	Miltown Waste Hierarchy 2022

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
15,459

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(2)

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

Document Type	Document Name
Waste Capacity Calculations	Miltown Maximum Storage Calculations 2022

4.4 Capacity

Section Not Required - based on applicant's response

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?

Yes

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?

No

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 - Miltown 2022

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 - Miltown 2022

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	<p>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</p> <p>Response : Miltown have an EMS in place for the site as required under Condition 2.2 of Licence W0270-02</p>	Yes
2	<p>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</p> <p>Response : A - Waste Acceptance Procedure for all materials accepted on site - SOP MC01</p> <p>B - Waste batches are tracked from acceptance to final maturation and removal from site</p> <p>C - All biostabilised organic waste material is tested to ensure it meets respiration rates as required under Conditions 8.17.4 and 8.18 of Licence W0270-02.</p> <p>D- wastes are segregated as required under Condition 8.6 of Licence</p> <p>E - incoming wastes are visually inspected to ensure the material is consistent with organic fines type waste. Any incompatible material can be removed at the initial inspection in the reception shed</p>	Yes
3	In order to facilitate the reduction of emissions to water and air, BAT is to establish and to maintain an inventory of	Yes

	<p>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</p> <p>Response : See Table attached</p>	
4	<p>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</p> <p>Response : See Table attached</p>	Yes
5	<p>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</p> <p>Response : Miltown have a waste acceptance procedure that requires all trucks transferring material on site to be covered. All handling of waste material during the process takes place inside the facility sheds on impermeable concrete floors. Leachate from the reception shed or process shed is directed to the leachate recirculation system.</p>	Yes
6	<p>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</p> <p>Response : No Effluent discharged from the site. All leachate is re-circulated</p>	Not Applicable
7	<p>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</p>	Yes

	Response : Stormwater is monitored as required by existing licence	
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 the provision of data of an equivalent scientific quality. See linked document for the full text of the BAT conclusion Response : Emissions to air from the on site biofilters is completed as set out in Schedule C of Licence W0270-02	Yes
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 : No Spent Solvents on site	Not Applicable
10	BAT is to periodically monitor odour emissions. See linked document for the full text of the BAT conclusion Response : Odour is monitored as required under Schedule C.1.2 of Licence W0270-02	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 : Energy and water is monitored annually as part of AER returns for licence W0270-02	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	Yes

	<p>Response : Odour management plan completed as required by condition 6.20 of licence W0270-02</p> <p>Attachment Name : WT-12-ODOUR MANAGEMENT PLAN May 2022 Rev3JR REV</p>	
13	<p>In order to prevent or, where that is not practicable, to reduce odour 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</p> <p>Response : Air from the process sheds is extracted and passed through two biofilter units that treat odourous air.</p>	Not Applicable
14	<p>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</p> <p>Response : Yards are dampened using a bowser during dry weather to reduce potential dust emissions. All wastes are stored inside facility buildings and the air is extracted and treated in biofilters.</p>	Yes
15	<p>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</p> <p>Response : Miltown does not produce gas on site and does not flare gas</p>	Not Applicable
16	<p>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</p> <p>Response : Miltown does not produce gas on site and does not flare gas</p>	Not Applicable
17	<p>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</p>	Yes

	<p>following elements: See linked document for the full text of the BAT conclusion</p> <p>Response : The location of air fans is considered in relation to noise sensitive receptors in the area. No fans are at roof height and are located typically where noise is screened by building structures. The noise ratings of any new fans are assessed before purchase.</p>	
18	<p>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</p> <p>Response : The operator uses the site buildings to screen noise from fans</p> <p>To reduce noise impacts equipment is inspected and maintained to reduce noise output.</p> <p>All doors are closed in sheds to reduce potential noise impacts on noise sensitive receptors.</p> <p>All operators have a number of years experience and can assess if a machine needs repair or maintenance.</p> <p>No noisy activities take place at night, the site closes at 19:00.</p>	Yes
19	<p>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</p> <p>Response : The volume of water used on site is relatively small (approximately 20m³ per year) and is mainly related to the welfare facilities at the site (toilets and showers). The process does not require a large water input and any moisture required in the process bays is taken from the leachate recirculation system.</p>	Not Applicable
20	<p>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</p>	Not Applicable

	<p>Response : No treatment of waste waters takes place on site. All process waste waters (leachate) is recirculated back onto the process material in teh process bays in Shed 1.</p>	
21	<p>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</p> <p>Response : The site is secure against any breakin and has a CCTV security system in place as required by Condition 3.20 of licence W0270-02. The site also has a fire risk assessment in place as reqired under condition 9.4 of the licence.</p> <p>Attachment Name : WT-21-2020 Fire Risk Assessment Review</p>	Yes
22	<p>In order to use materials efficiently, BAT is to substitute materials with waste. See linked document for the full text of the BAT conclusion</p> <p>Response : The only materials processed on site is waste organic material</p>	Not Applicable
23	<p>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</p> <p>Response : Site will complete an energy audit as required under Condition 7 of teh licence. Energy is the highest cost to the site and they are keen to reduce energy where possible or to supplement the main power supply with other renewable energy sources (e.g., solar panels).</p>	Will Be 08 December 2023
24	<p>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</p> <p>Response : All organic waste material currently received at the facility is organic fines material from the physical processing of MSW. The material is aerobically composted and re-used as landfill cover. No packaging material is included with waste.</p>	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	<p>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</p> <p>Response : Two biofilters A2-1 and A2-2 treat air extracted from the facility sheds to ensure that odorous air is appropriately treated.</p>	Yes
34	<p>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 techniques given below. See linked document for the full text of the BAT conclusion</p> <p>Response : Two biofilters A2-1 and A2-2 treat air extracted from the facility sheds to ensure that odorous air is appropriately treated.</p>	Yes
35	<p>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</p> <p>Response : Waste water (leachate) is recirculated back into the process bays. This ensures all leachate is reused in the process and there is no need for supplemental water input.</p>	Yes
36	<p>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</p> <p>Response : Material is processed in dedicated bays inside facility Shed 1. The bays are covered with semipermeable</p>	Yes

	cover during the initial composting phase. because the material is process inside the facility buildings they are not prone to the issues encountered from poor weather conditions and the process cam be better controlled.	
37	<p>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</p> <p>Response : Material is processed in dedicated bays inside facility Shed 1. The bays are covered with semipermeable cover during the initial composting phase. because the material is process inside the facility buildings they are not prone to the issues encountered from poor weather conditions and the process cam be better controlled.</p>	Yes
38	<p>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</p> <p>Response : The air extracted from teh facility is segregated, with the higher odorous air from Shed 1 directed to biofilter 1 and the air with lower odour content from maturation sheds 2, 3 and 4 directed to biofilter 2.</p> <p>It is proposed that the air input for maturation sheds 2B and 3B will be from inside the building, with the input fans located on the bays inside the sheds.</p>	Yes
39	<p>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</p> <p>Response : The air extracted from teh facility is segregated, with the higher odorous air from Shed 1 directed to biofilter 1 and the air with lower odour content from maturation sheds 2, 3 and 4 directed to biofilter 2.</p> <p>It is proposed that the air input for maturation sheds 2B and 3B will be from inside the building, with the input fans located on the bays inside the sheds.</p>	Yes

BREF

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

BREF	Document Type	BREF Document Name
Waste Treatment	BREF Assessment	2022 BAT1
Emissions from Storage	BREF Assessment	2022 BAT3
Energy Efficiency	BREF Assessment	2022 BAT2

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
BAT Guidance Note - Waste Sector (Transfer & Materials Recovery) - Dec 2011	BAT Assessment	2022 BAT1
BAT Guidance Note for Disposal or Recycling of Animal Carcasses & Animal Waste Sector - 2008	BAT Assessment	2022 BAT2

4.8 Reports

Operational Report

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

Document Type	Document Name
Operational Report	Miltown Composting Operational Report 2022

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](#)

Yes

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	4.8 - Site Condition - Miltown 2022

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 (1)

5.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Fee Payment Evidence	EPA Cheque

6. Stakeholder Engagement

6.1 Stakeholder Engagement Template

Completed template

Document Type	Document Name
Stakeholder Engagement Section	6-1-Stakeholder-Engagement(3)
Stakeholder Engagement Section	6-1-Stakeholder-Engagement(2)

6.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
AA Screening	F1 - Miltown AA Screening
EIS - Planning	Miltown Composting - EIAR RFI Addendum
EIS - Planning	Miltown EIAR and NTS 2022
EIS - Planning	Miltown Attachments A to H
EIS - Planning	Miltown Attachments I to O
Evidence of Notices	Miltown Licence Review Newspaper Ad 2023
Evidence of Notices	IED Site Notice 2023
Evidence of Notices	1 - Miltown Site Location Map-1-10560
Evidence of Notices	Tipperary Co. Co. Notification Letter 2022
Evidence of Notices	Miltown Newspaper Ad 2022
Evidence of Notices	IED Site Notice 2022
Planning Decision	Miltown Planning Decision 2260121
Planning under Consideration	ABP Confirmation Letter
Planning under Consideration	2131 ABP APPEAL

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	Yes
Emissions to Ground (including disposal of sanitary effluent and potential emissions to ground) and Landspreading	Yes
Storm Water Discharges	Yes

Emissions Overview Template

Completed template

Document Type	Document Name
Emissions Overview Section	7.1-1-Emissions-Overview(4)

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Emissions Compliance Report	Noise 2022
Emissions Compliance Report	GW3 2021
Emissions Compliance Report	AG5 Q1 2022

Emissions Compliance Report	GW1 2021
Emissions Compliance Report	February SW1a Result 1
Emissions Compliance Report	GW2 2021
Emissions Compliance Report	Biofilter 2021
Emissions Compliance Report	February SW1a Result 2
Emissions Compliance Report	February 2022 SW Results downstream locations
Emissions Compliance Report	AG5 Q3 2022
Emissions Compliance Report	odour 2022 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(1)

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
<i>No files uploaded</i>	

7.5 Noise Emissions and Noise Monitoring Points

Noise Emissions and Noise Monitoring Points Template

Completed template

Document Type	Document Name
Emissions - Noise Section	7.5-Noise(2)

7.6 Emissions to Ground and Landspreading

Emissions to Ground and Landspreading Template

Completed template

Document Type	Document Name
Emissions - Ground Section	7.6-1-Ground(1)

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Landspreading Controls - Non Agri	7.6-3-Landspreading Controls-Non-Agri

7.7 Storm Water Discharges

Storm Water Discharges Template

Completed template

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

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
<i>No files uploaded</i>	

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	Miltown Waste Hierarchy 2022

9. Environmental Management and Techniques

9.1 Environmental Management and Techniques Template

Completed template

Document Type	Document Name
EMT Section	9-1-EMT (1)

9.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Site Closure	Miltown Composting 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

David

Surname

Ronan

Position

Owner

Upload a copy of scanned signature and company stamp

Document Type	Document Name
Signature and Company Stamp	11-1-Signature-Stamp