



Industrial Emissions Licence

APPLICATION FORM

Organisation: Knockharley Landfill Limited

Reg. No.: W0146-04

Application Receipt Date: 22 October 2019

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: **LA004307**

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1. Introduction

1.1. New/Review Authorisation Application

Existing Licence Reg No: **W0146-02**

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	Attachment-1-Reason-for-application

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	Attachment-1-2-Non-technical-summary

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2. Organisation

2.1 Organisation Details

Business type

Body Corporate

Company CRO (Registration) number

529325

Organisation Name

Knockharley Landfill Limited

Organisation Address

Knockharley
Navan
Co. Meath
Meath

Organisation Registered Address**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	Attachment 2-1 Certificate 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
No files uploaded	

Tick to confirm that the above organisation details are correct

NUTS 2 Code	NACE Code
IE062	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
20

2.2 Primary Contact for Correspondence on this Application

Primary Contact

Mr. David Naughton

Position in Organisation

Manager

Business Mobile Number

086 6045905

Landline Number

Not Provided

Email Address

David.naughton@pandagreen.ie

Address of Primary Contact

Millennium Business Park
Grange
Ballycvoolin
Dublin 11
Dublin

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2.3 Primary Contact for Correspondence – Post Determination

Primary Contact

Mr. Sean Smith

Position in Organisation

Manager

Business Mobile Number

0872644112

Address of Primary Contact

Knockharley Landfill
Knockharley Kentstown
kentstown
Navan
Meath
c15 fx09

Landline Number

0419821650

Email Address

sean.smith@pandagreen.ie

2.4 Holding (Parent) Company

Does the organisation have a holding (parent) company?

Yes

Holding (parent) company name

Beauparc

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	Attachment Financial Declaration

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	Attachment 2-5-1Technical Knowledge

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3. Site

3.1 Site Name and Address

State the site name (update if necessary)

Knockharley Landfill

Site Address

Knockharley

Navan

(Includes Townlands of Tuitearath & Flemingstown)

Meath

C15 FX09

NUTS 2 Code

IE06

NUTS 3 Code

IE062

NACE Code

3821

Site Telephone Number

Not Provided

3.2 Site Geographical Location

**Site Centre Point – Easting
(Irish Grid Reference – 6 digits)**

297355

**Site Centre Point – Northing
(Irish Grid Reference – 6 digits)**

267103

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Does the site cover multiple townlands?

Yes

Upload a document detailing the additional townland(s) covered by the site:

Document Type	Document Name
Additional Townlands	Attachment 2-3-1 Townlands

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

Document Type	Document Name
Site Plan	Drawing 3-Site plan - Proposed layout
Site Plan	Drawing 1-Site plan
Site Plan	Drawing 2-Site plan - Existing layout

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

Document Type	Document Name
Site Map	Map 1-Location Map

3.3 Site Contact

Primary Contact

Mr. Sean Smith

Position in Organisation

Manager

Business Mobile Number

0872644112

Landline Number

0419821650

Email Address

sean.smith@pandagreen.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 (a)(ii) – Disposal of non-hazardous waste with a capacity exceeding 50 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): physico-chemical treatment;	5.3 (a)(ii)	No
Waste	11.4 (b)(iii) – 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): treatment of slags and ashes;	5.3 (b)(iii)	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)	No
Waste	11.5 – Landfills, within the meaning of section 5 (amended by Regulation 11(1) of the Waste Management (Certification of Historic Unlicensed Waste Disposal and Recovery Activity) Regulations 2008 (S.I. No. 524 of 2008)) of the Act of 1996, receiving more than 10 tonnes of waste per day or with a total capacity exceeding 25,000 tonnes, other than landfills of inert waste.	5.4	Yes
Waste	11.1 – The recovery or disposal of waste in a facility, within the meaning of the Act of 1996, which facility is connected or associated with another activity specified in this Schedule in respect of which a licence or revised licence under Part IV is in force or in respect of which a licence under the said Part is or will be required.	n/a	No

4.2 Application Type Confirmation

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

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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?

Yes

Upload a document that describes how you operate as a merchant waste operator and treat the waste generated on site

Document Type	Document Name
Merchant Waste Operator	Attachment-4-3-4 Waste Merchant and Treatment

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

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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
D01 – Deposit into or on to land (e.g. landfill, etc.)	Deposit into or onto land (e.g. landfill, etc.)	1,466 m3	440,000	No
D04 – Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.)	Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.)	10,000 m3	24,500	No
D05 – Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)	Specially engineered landfill, non-hazardous waste	1,466 m3	440,000	Yes
D08 – Biological treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12	Biological treatment, not specified elsewhere, which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12	20 tonnes/day	7,300	No
D09 – Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.)	Physico-chemical treatment, not specified elsewhere, which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1	65 tonnes/day	24,500	No

	to D 12 (e.g. evaporation, drying, calcination, etc.)			
D15 – Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage, pending collection, on the site where the waste is produced)	Storage pending disposal of waste (excluding temporary storage, pending collection, on the site where the waste is produced)	10 tonnes	200	No
R03 – Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)	Composting (aerobic)	80 tonnes/day	25,000	No
R05 – Recycling/reclamation of other inorganic materials	Recovery of inorganic materials in the form of backfilling	76,300 m3	110,000	No
R11 – Use of waste obtained from any of the operations numbered R 1 to R 10	Use of waste obtained from any of the operations numbered R 1 to R 10	80 tonnes/day	24,500	No
R12 – Exchange of waste for submission to any of the operations numbered R 1 to R 11	Exchange of waste for submission to any of the operations numbered R1 to R11 (see R12 description in guidance for full list)	66 tonnes/day	20,000	No
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)	Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on	600,000 tonnes	150,000	No

	the site where the waste is produced)			
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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	Attachment 4-3 Capacity Calculations

Waste acceptance at the waste facility

Upload a copy of your waste acceptance procedure

Document Type	Document Name
Waste Acceptance Procedure	Attachment-4-3-3 Waste acceptance procedures

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
19 07 03	landfill leachate other than those mentioned in 19 07 02	Biological treatment, not specified elsewhere, which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12	Landfill Leachate
19 12 07	wood other than that mentioned in 19 12 06	Composting (aerobic)	Woodchip
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	Composting (aerobic)	MSW Organic Fines
20 03 01	mixed municipal waste	Deposit into or onto land (e.g. landfill, etc.)	Residual MSW
10 01 01	bottom ash, slag and boiler dust	Exchange of	IBA

	(excluding boiler dust mentioned in 10 01 04)	waste for submission to any of the operations numbered R1 to R11 (see R12 description in guidance for full list)	
19 07 03	landfill leachate other than those mentioned in 19 07 02	Physico-chemical treatment, not specified elsewhere, which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.)	Landfill Leachate
17 05 04	soil and stones other than those mentioned in 17 05 03	Recovery of inorganic materials in the form of backfilling	Soil and Stone, topsoil
19 01 12	bottom ash and slag other than those mentioned in 19 01 11	Recovery of inorganic materials in the form of backfilling	Incinerator Bottom Ash
19 12 09	minerals (for example sand, stones)	Recovery of inorganic materials in the form of backfilling	Minerals (including mineral fines)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	Recovery of inorganic materials in the form of backfilling	C&D Fines; C&I Fines; stone; C&I Dry Mixed (residual municipal and commercial waste); Residual municipal and commercial waste
08 03 15	ink sludges other than those mentioned in 08 03 14	Specially engineered landfill, non-hazardous waste	Ink sludges other than those mentioned in 08 03 14
08 03 18	waste printing toner other than those mentioned in 08 03 17	Specially engineered landfill, non-	waste printing toner other than those mentioned in 08 03 17

		hazardous waste	
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)	Specially engineered landfill, non-hazardous waste	Incinerator Bottom Ash
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03	Specially engineered landfill, non-hazardous waste	Insulation Materials
19 05 01	non-composted fraction of municipal and similar wastes	Specially engineered landfill, non-hazardous waste	Non composted Fraction of municipal and similar wastes
19 05 99	wastes not otherwise specified	Specially engineered landfill, non-hazardous waste	Stabilised Waste - Residual Fraction; Residual fraction from Aerobic Treatment (CLO)
19 08 01	Screenings	Specially engineered landfill, non-hazardous waste	Screenings from waste water treatment plants
19 08 02	waste from desanding	Specially engineered landfill, non-hazardous waste	Waste from desanding
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03	Specially engineered landfill, non-hazardous waste	Auto Shredder residue
19 12 04	plastic and rubber	Specially engineered landfill, non-hazardous waste	PVC
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	Specially engineered landfill, non-hazardous waste	Fines C&D, C&I Dry Mixed (residual municipal and commercial waste), Residual municipal and commercial waste, C&I Fines, Mechanically treated Fines, C&D Mixed
20 01 38	wood other than that mentioned in 20 01 37	Specially engineered landfill, non-hazardous waste	Wood other than those mentioned in 20 01 37
20 01 39	Plastics	Specially engineered landfill, non-hazardous waste	Plastics
20 03 01	mixed municipal waste	Specially engineered landfill, non-	Secure Burial, Mixed Municipal Waste

		hazardous waste	
20 03 03	street-cleaning residues	Specially engineered landfill, non-hazardous waste	Street cleaning waste
20 03 07	bulky waste	Specially engineered landfill, non-hazardous waste	Municipal Bulky Waste
15 01 01	paper and cardboard packaging	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)	Baled recyclables
15 01 02	plastic packaging	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)	Baled recyclables
15 01 04	metallic packaging	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)	Baled recyclables
15 01 05	composite packaging	Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the	Baled recyclables

		waste is produced)	
15 01 06	mixed packaging	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)	Baled recyclables
20 03 01	mixed municipal waste	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)	Baled residual MSW and dry recyclables
16 05 05	gases in pressure containers other than those mentioned in 16 05 04	Storage pending disposal of waste (excluding temporary storage, pending collection, on the site where the waste is produced)	Gas canisters
16 06 01*	lead batteries	Storage pending disposal of waste (excluding temporary storage, pending collection, on the site where the waste is produced)	Vehicle batteries
19 07 03	landfill leachate other than those mentioned in 19 07 02	Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.)	Landfill Leachate
19 05 99	wastes not otherwise specified	Use of waste obtained from	Treated MSW fines

		any of the operations numbered R 1 to R 10	
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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	265,000
Construction and Demolition	25,000
Other	150,000
Total	440,000

Waste Type	Maximum to be Accepted (tonnes/annum)
Hazardous	5,000
Non Hazardous	435,000
Total	440,000

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	Attachment 4-3 Maximum Accepted Totals

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	Attachment-4-3-5-Waste Hierarchy Consideration

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
75,000

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	Attachment-4-3-1-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	Calculation of Capacity Waste - Non Waste

Landfill

Select the class of landfill in accordance with Article 4 of the Landfill Directive.

Landfill for non-hazardous waste

Total quantity of waste to be deposited at the landfill:

Waste Source	Quantity (tonnes)	Void in Cubic Metres (m ³)	Date of Measurement
Waste Deposited to date	2,345,950	1,046,061	31/12/18
Total Waste to be deposited over lifetime of development	3,137,000	3,137,000	-

Upload a document explaining conversion/density factors used in calculating tonnage from void, or vice versa:

Document Type	Document Name
Waste Conversion Calculations	Attachment 4-3 Density Conversion Factors.

Do you or do you intend to use waste for backfilling activities (e.g., cover material, haul roads, etc.)?

Yes

Upload documents that describe how the facility or premises concerned will meet the requirements specified in Annex I of the Landfill Directive and that describe the control of emission from the landfilling operations:

Document Type	Document Name
Landfill Controls	Attachment L3
Landfill Controls	Attachment L5
Landfill Controls	Attachment-4-3-1-Landfill-Emissions
Landfill Controls	Attachment L9
Landfill Controls	Attachment L6

Landfill Controls	Attachment L2
Landfill Controls	Attachment L4
Landfill Controls	Attachment L7
Landfill Controls	Attachment L8
Landfill Controls	Attachment L1

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4.4 Capacity

Section Not Required - based on applicant's response

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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

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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	Attachment-4-6-1-Water-Energy-Usage

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	Attachment-4-6-2-Raw-Material-Interm-Products

4.7 BAT (Best Available Techniques)

BAT Conclusions

You have identified that no Commission Implementing Decision (CID) establishing BAT Conclusions (available via the application form) is applicable to the activity

BREF

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

BREF	Document Type	BREF Document Name
Waste Treatment	BREF Assessment	Attachment 4-7-3 BREF Biological Treatment

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 (Landfill) - Dec 2011	BAT Assessment	Attachment 4-7-3 - BAT Landfill Activities

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4.8 Reports

Operational Report

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

Document Type	Document Name
Operational Report	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	Attachment-4-8-2 Baseline Report RevA

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	Attachment-4-8-3 Site Condition Report

4.9 Solvents

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

No

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Consent of copyright owner required for any other use.*

4.10 Large Combustion Plants

Section Not Required - based on applicant's response

For inspection purposes only.
Consent of copyright owner required for any other use.

4.11 Incineration and Co-Incineration

Section Not Required - based on applicant's response

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5. Financial

5.1 Financial Template

Completed template

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

5.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Fee Payment Evidence	Attachment 5-2 Evidence of Fee Payment

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6. Stakeholder Engagement

6.1 Stakeholder Engagement Template

Completed template

Document Type	Document Name
Stakeholder Engagement Section	Attachment-6-1-Stakeholder-Engagement

6.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
AA Screening	AA 180145 Screening
AA Screening	LW14-821-01-Stage-1-AA-Screening-Report
EIS - Planning	KNH_SID_EIS_Vol_1_Non-Technical-Summary
EIS - Planning	Volume-3-Appendices
EIS - Planning	KNH_SID_EIS_Volume-2-Main-Report
EIS - Planning	Volume-4-Drawings
Evidence of Notices	6.2 Site Notice
Evidence of Notices	6.2 Meath County Council Notification
Evidence of Notices	6.2 Newspaper Notice 041019
Evidence of Notices	Site Notice Location Drawing
NIS	LW14-821-01_Stage-2-NIS
Planning Decision	AA180145 IR
Planning Decision	AA180145 PD
Planning Decision	PL17.220331 PD
Planning Decision	PL17.220331 IR
Planning Decision	PL17.125891 IR
Planning Decision	PL17.125891 PD

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	No
Storm Water Discharges	Yes

Emissions Overview Template

Completed template

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

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Emissions Compliance Report	W0146-02 2018 AER - Final

7.2 Emissions to Surface Water (not including Storm Water)

Section Not Required – based on applicant's response

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7.3 Emissions to Sewer

Section Not Required – based on applicant's response

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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	Attachment-7-4-1-Air-Main

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Minor - Potential Emissions	Attachment-7-4-2-Emissions-to-Air-Minor-Potential

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7.5 Noise Emissions and Noise Monitoring Points

Noise Emissions and Noise Monitoring Points Template

Completed template

Document Type	Document Name
Emissions - Noise Section	Attachment-7-5-Noise

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7.6 Emissions to Ground and Landspreading

Section Not Required – based on applicant's response

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7.7 Storm Water Discharges

Storm Water Discharges Template

Completed template

Document Type	Document Name
Storm Water Section	Attachment-7-7-1-Storm-Water

Additional Documents

Upload additional documents referred to in the completed template

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

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8. Waste Generated On-Site

8.1 Waste Generated On-Site Template

Completed template

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

8.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Waste Hierarchy	Attachment-4-3-5-Waste Hierarchy Consideration

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9. Environmental Management and Techniques

9.1 Environmental Management and Techniques Template

Completed template

Document Type	Document Name
EMT Section	Attachment-9-1-Environmental-Management-Techniques

9.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
ELRA	130531_501 00303 00002 001_Knockharley ELRA_CW_Rev3
Site Closure	CRAMP-Knockharley

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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-Signature-Stamp