EPA Application Form

4. Activity and Capacity

4.3.1 - Storage of Waste and Other Materials - Attachment

Organisation Name: *   Knockharley Landfill Limited

Application I.D.: *   LA004307

Amendments to this Application Form Attachment

Version No.	Date	Amendment since previous version	Reason
V.1.0	July 2017	N/A	Online application form attachment
V.1.0	March 2018	Identification of required fields	Assist correct completion of attachment

* indicates required field

Storage of Waste and Other Materials

State the maximum amount of waste and other materials that will be stored on the site at any one time in the table below[1].

Waste/Other Material	Amount (tonnes) *
Waste accepted and in storage pending treatment:	75,000 (IBA)
Other materials (Non-waste) accepted, including non-waste feedstocks:	0
Capacity of treatment vessels and chambers:	2 No. Stockpiles, each 37,500 tonnes
Treated waste, whether classified as waste or not:	

List any other feedstocks to the treatment process not classified as waste. State '*none*' if none.*

None

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[1]   This should include waste and other materials in : (1) reception, inspection and quarantine areas; (2) storage pending treatment; (3) storage after treatment; and (4) vessels, chambers or tanks during treatment or processing.

* indicates required field

Waste and material outputs from waste activities (i.e., those subject to Waste licensing or class 11 of the First Schedule of the EPA Act)

Describe the waste and material outputs from the installation resulting from the treatment of waste. If no treatment is carried out on the waste, the waste outputs will be the same as the inputs.

If waste is treated, describe the nature and quantity of the treated waste and its onward fate/destination, and in particular whether it is sent for onward recovery or disposal operations.

If waste is treated and a material is produced that is no longer a waste, provide the rationale for such classification. The requirements of Article 28 of the European Communities (Waste Directive) Regulations 2011 should be addressed in any such rationale. Include the response in this attachment.

It is proposed to develop an aerobic biological treatment (composting) facility as part of the overall development. This facility will process residual MSW fines accepted at the landfill, to stabilise this material, prior to landfilling. The facility will have the capacity to treat 25,000 tonnes annually.

150,000 tonnes/year of IBA will be accepted and stored in a roofed area for three months while it is weathered. Recovery trials which may include metal recovery, crushing, screening, and washing will be carried out.   Pending the outcome of the trials it is estimated at ca 7000 tonnes will be treated annually.

It is estimated that ca 24,500m^3 of leachate generated in the landfill cells, IBA weathering and storage areas and the biological treatment plant will be treated on-site before being to municipal wastewater treatment plants for further treatment.

* indicates required field   Page 4 of 5

For Soil Recovery Activities (only), please complete the following table: NOT APPLICABLE

All blank fields in the table are mandatory

Soil Recovery Activity Details	Input a value into ALL blank cells (where applicable)			
Volume of void to be filled and authorised by planning permission:			m³	
Quantity of waste soil and stone that is required to fill the void:			tonnes	
Proposed annual intake of waste soil and stone:			tonnes per annum	
Proposed duration to complete the fill:			years	
Stage of fill: 'Not Commenced' **OR** 'Commenced':				
- **If commenced: quantity of waste already deposited in the void**: (Enter a value in both cells)		m³		**Tonnes**
- **Volume of void remaining**:			m³	
Period of previous fill: (<Year> **to** <Year>):				
Quantity of fill authorised by planning permission: (Enter a value in both cells)		m³		**Tonnes**
Waste Licence, waste facility permit, or certificate of authorisation number: (Attach copy in this document)				