

# EPA Application Form

## 4. Activity and Capacity

### 4.6.1 - Water and Energy Usage - Attachment

**Organisation Name:**

Knockharley Landfill Limited

**Application I.D.:**

LA004307

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## 4. Activity and Capacity

### 4.6. Water and Energy Usage

#### Water Usage

Complete the table below with summary details of current and proposed maximum water usage  
 (The following table contains additional guidance for certain fields where you see the small red triangle in the cell. To view the guidance simply hover over the cell).

Water Type	Current Usage Per Calendar Year (m3/yr)	Future Usage Per Calendar Year if Authorisation Granted (m3/yr)
Groundwater Abstraction	Nil	Nil
Surface Water Abstraction	Nil	Nil
Public Supply	4180	4180
Other		
<b>Total</b>	<b>4180</b>	<b>4180</b>

#### Energy Usage

##### Electricity Usage

Complete the table below with summary details of current and proposed electricity usage  
 (The following table contains additional guidance for certain fields where you see the small red triangle in the cell. To view the guidance simply hover over the cell).

Electricity type	Current Usage Per Calendar Year (MWH)	Future Usage Per Calendar Year if Authorisation Granted (MWH)
Electricity Purchased		
Total Renewable Electricity Generated <b>and</b> Used at the Site	170	1620
Total Non-Renewable Electricity Generated <b>and</b> Used at the Site		
<b>Total Electricity Generated and Used</b>	<b>170</b>	<b>1,620</b>
<b>Total Electricity Used</b>	<b>170</b>	<b>1,620</b>

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Describe the types of renewable energy being generated (if applicable)

Landfill gas is utilised in four landfill gas engines at Knockharley to generate electricity which is fed to the national grid.

Are you using wind turbines at the installation/facility for renewable energy? (Yes/No)

No

Are you exporting energy generated at the installation/facility to the grid? (Yes/No)

Yes

Amount of generated electricity exported (MWHrs)

18872

**Thermal Energy Consumption**

Complete the table below with summary details of current and proposed electricity usage.

(Select the 'Fuel Type' from the dropdown list, select 'm<sup>3</sup>' or 'Tonnes' in the 'Unit' column and enter the annual usage)

Fuel Type	Amount Used Annually	Unit
Other Fuel Oil	426	m3

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