

# EPA Application Form

## 4. Activity and Capacity

### 4.6.1 - Water and Energy Usage - Attachment

**Organisation Name:**

Advanced Environmental Solutions (Ireland) Ltd.

**Application I.D.:**

LA001502

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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	Nil	Nil
Other	36.4	100
<b>Total</b>	<b>36.4</b>	<b>100</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	400	400
Total Renewable Electricity Generated <b>and</b> Used at the Site		
Total Non-Renewable Electricity Generated <b>and</b> Used at the Site		
<b>Total Electricity Generated and Used</b>	-	-
<b>Total Electricity Used</b>	<b>400</b>	-

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

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

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

Amount of generated electricity exported (MWHrs)

**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
Gas Oil	526	m3

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