

## **Attachment E.1      Emissions to Atmosphere**

The potential sources of air emissions associated with the proposed increase in the amount of wastes accepted include:

- Dust emissions from the additional vehicle movements,
- Odour from the Processing Building
- Exhaust gases from additional traffic.

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## **Attachment E.6      Environmental Nuisances**

Given that all waste handling and processing is carried out inside the Processing Building, the facility does not attract birds and therefore control measures are not required.

Dust control measures are described in Attachment F2

Fire control measures are described in Attachment D.1 o

The handling and processing of wastes inside the Processing Building minimises the risk of wind blown litter. Regular litter patrols are carried out within the facility boundary and any litter observed is collected.

Traffic control measures are described in Attachment D.1.j

AES retain the services of a specialist vermin and pest control contractor.

AES have a road sweeper on site that is regularly used to clean the open yards and hardstanding areas.

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## **Attachment E.5      Noise Emissions**

The noise sources from the facility are discontinuous and intermittent. The majority of noise generating activities occur inside the Processing Building. These include waste offloading, picking line operation, baling and vehicle loading. Noise generating activities outside the building are predominantly vehicle related i.e. turning and collecting trailers and the movement of baled materials and empty skips.

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**Attachment E.4 Emissions to Groundwater**

There are no emissions to groundwater.

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### **Attachment E.3 Emissions to Sewers**

At present, sanitary wastewater is collected and treated in an onsite wastewater treatment plant. The treated wastewater is stored in a holding tank pending removal by road tankers to a municipal wastewater treatment plant. Floor wash water from the Processing Building is also collected and stored in a holding tank before being sent from the site for treatment

There is no municipal sewer serving the industrial estate. Offaly County Council has plans to install such a sewer, which will be connected to the municipal wastewater treatment plant. Following the installation of the municipal sewer, AES will seek approval to discharge wastewater from the facility to sewer.

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## **Attachment E.2      Emissions to Surface Water**

Surface water run-off from the site passes through 4 No. CP60FR Class 1 Full retention interceptors. Each individual interceptor has a working capacity of 20,500 litres which includes silt storage capacity of 6000 litres and oil storage capacity of 600 litres. The combined working capacity of the oil interceptors is 82,000 litres, giving a total silt storage capacity of 24,000litres and a total oil storage capacity of 2,400 litres. After passing through the interceptors, surface water is pumped to a drain at the south western site boundary. The drain joins the Tullamore River, which is approximately 750 km south of the site.

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