

12. Provide a non technical summary of the revised application

**12.1 Non Technical Summary**

Ormonde Waste operates the waste facility at Pembrokestown, Wexford. The site was acquired by Ormonde Waste on 6<sup>th</sup> September 2004. Prior to this the site was managed by the Mernagh Family. The business has grown in recent months and the existing waste licence requires a review due to the increased volumes of waste expected in future years.

The site was granted a waste licence in January 2001, to carry out a range of recycling and waste activities on site. The site was permitted to handle a range of recyclables, commercial, industrial and construction and demolition waste up to a maximum of 13,500 tonnes per annum. This was to be further increased to 27,000 tonnes subject to the installation of proposed facilities.

Since the granting of the waste licence in 2001, the site has implemented a comprehensive Environmental Management System. Mr John Mernagh is the facility manager and responsible for environmental management.

The site consists of a recycling building, concreted surface areas, admin building, weighbridge, unloading and loading areas, a maintenance area, surface water and foul sewer drainage systems.

It is proposed to increase the processing capacity of the site to 45,000 tonnes per annum. The activities proposed on site will be as previous, which is primarily the temporary storage of waste on site, compaction thereof and transport offsite. The maximum volumes to be treated on site will be 1,298 tonnes per day. Management of the site are confident that the existing facility has the capability to manage these volumes in an efficient and environmentally sound manner.

The activities on site include the unloading of waste materials brought in by trucks and skips, segregation of the waste, compaction and transport off site. The activities are limited to the recycling of waste cardboard and paper, waste wood segregation, waste plastic segregation, waste metal segregation (limited to removal and recycling of steel and other metals from commercial and industrial skip waste and recycling of aluminium cans) and segregation of glass prior to transport for recycling off site.

Comprehensive recording systems have been implemented to all loads of waste received at the site and transported off site. Waste records were audited.

Wastes transported off site are transported to approved waste contractors. All new contractors are agreed with the Agency prior to commencement. Where waste is transported cross boarder to the UK, contractor destinations are provided to the Agency together with permit licences.

The revised site operational hours proposed for the facility are as follows:

**Weekdays:**

8.00am to 6.00pm – Monday to Friday with 30 minutes start up in the morning and 1 hour shut down in the evening.

**Weekends:**

Saturday - 8.00am to 2.00pm with 30 minutes start up in the morning and 30 minutes shut down in the evening.

**Bank Holiday Weekends:**

The company also propose weekend operating hours specifically for 6 Saturdays after bank holiday weekends to accommodate bank holiday movements – 8.00am to 4.30pm with 30 minutes start up in the morning and 30 minutes shut down in the evening.

**Out of Hours Traffic Movements:**

On occasions the company requires staff to commence work between 6.00 and 8.00am. This is to allow for waste collections outside peak traffic hours. Occasionally customers will request early morning collections from construction sites, in order to minimise traffic congestion during the day. We request permission to allow drivers leave the site in order to accommodate these requirements. Drivers will start up vehicles outside the site gate and drive offsite. There will be no other activity on the site during this time.

Backup systems are available for all plant and equipment on site, with plant equipment being readily available from local hire companies. In the event of a serious incident such as a fire, waste can be temporarily diverted to other Ormonde Waste sites in Waterford and Kilkenny.

Dust monitoring is currently carried out on site at 5 locations 3 times per year. Two additional dust monitoring locations are proposed to the north east of the site. As part of the daily maintenance operations on site, a sweeper system sweeps all external yard areas. This is carried out in the evening and at night. Processing and segregation of waste is carried out in enclosed buildings. A sprinkler system has been installed at the perimeter of the site. This system sprinkles water on the site to minimise dust emissions.

Noise monitoring is currently carried out at 7 locations biannually, with night time noise measurements carried out once per annum. It is proposed to increase monitoring frequency to 3 times per annum, with 2 day time events and 1 day time and night time monitoring event. It is also proposed to install a revised monitoring point on the site boundary which will best determine the noise concentrations at the Browne household. It is planned to submit proposals on this monitoring point to the Agency. To the south and south easterly boundary, the company installed a high grassed mound to minimise noise emissions from the site and their potential impact on neighbouring activities. The grassed mound is 3 metres in height and minimises the impact of noise emissions from the waste transfer / recycling building.

This has worked well in minimising noise levels impacting on near by residents. Comparative noise levels monitored in 1999 and recently in 2005, indicate that noise levels are similar, indicating good noise abatement from the installation of the mound.

Ormonde Waste Ltd was issued with a sewer discharge licence by the Wexford County Council in August 2005. The company do not anticipate any additional foul sewer

emissions from the proposed increase in volume activities. All waste streams can be classed as dry, and will not have an impact on increased foul sewer emissions.

Surface water monitoring is carried out at 4 locations on a quarterly basis. No revisions to the existing monitoring locations are proposed. The company do not anticipate any additional surface water emissions from the proposed increase in volume activity. They do not anticipate any additional environmental risks arising that may impact on the quality of surface water discharges.

The company will not have any discharges to groundwater. They do not anticipate any additional environmental risks arising that may impact on the quality of groundwater on the site. Further improvements proposed in groundwater monitoring, in terms of relocating the 3 unproductive monitoring wells, will ensure improved groundwater monitoring data and assessment.

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