

O'Toole Composting Ltd.

Annual Environmental Report 2015



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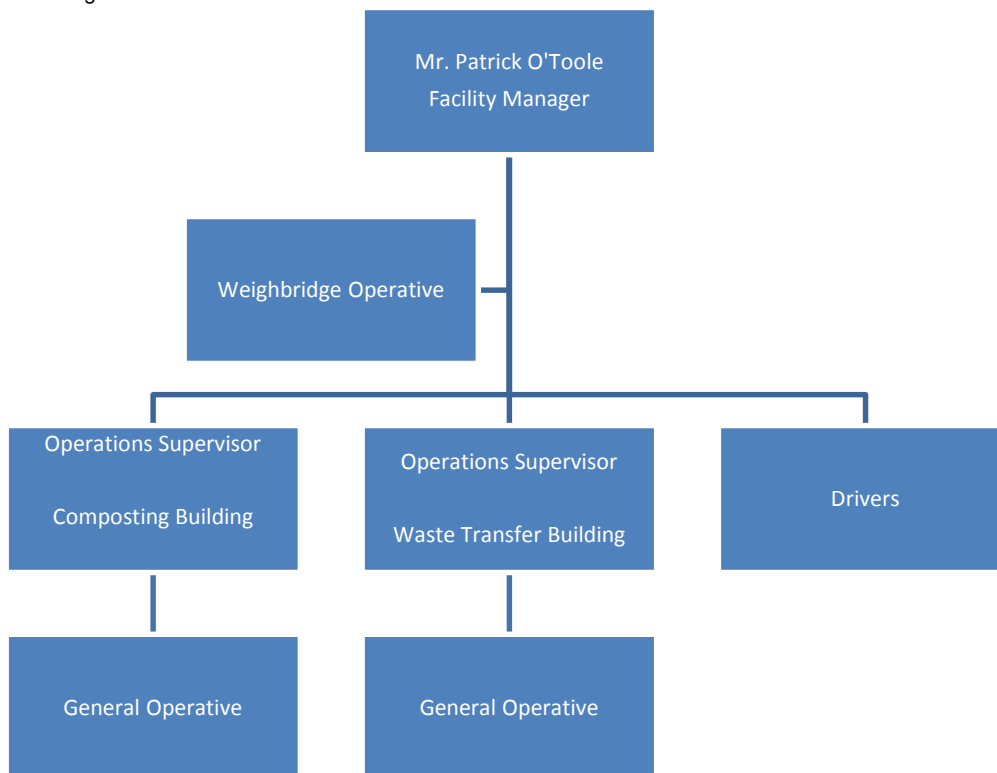
1. Description of the Reporting Period

The reporting period for this annual environmental report is from 1st January 2015 until the 31st of December 2015. The EPA licence was granted on 8th October 2015.

2. Management & Staffing Structure of Facility

Mr. Patrick O'Toole has acted as Manager of the facility since the commencement of its operation in 2004. Mr. O'Toole has FÁS FETAC Certificate in Waste Management Course as well as ten years' experience in the composting and waste industry. Figure 1 below details the staffing structure at OTCL.

Figure 1: Staffing Structure



3. Training Records for the Reporting Period

No training was carried out at the facility during the reporting period.

4. Waste Inputs and Outputs for 2015

All waste accepted at and removed from O'Toole Composting Ltd. are recorded on the weighbridge software system. All weighbridge records are maintained on-site and are available for inspection. A Waste Facility Permit and a Waste Collection Permit AER has been completed for the facility for 2015.

5. Environmental Monitoring Results

Environmental Monitoring was carried out in accordance with licence requirements. All monitoring reports completed have been submitted on the Eden website.

6. Daily Temperature & Moisture Monitoring

Temperature and moisture are monitored by the GICOM software system. A folder is maintained on-site with reports of temperature and moisture for each batch of composted/dried material in accordance with ABP requirements. Each of these reports are maintained on-site and are available for inspection.

7. Environmental Management System

An Environmental Management System has been developed for the facility. On-site activities are carried out in accordance to this EMS. A full copy of the EMS is maintained on-site at all times.

8. Odour Management Programme

An Odour Management Plan is maintained on-site as part of the Environmental Management System for the facility. Summary details in the Odour Management Plan are as follows:

- Doors are closed as much as possible during operations.
- Misting equipment has been installed on the biofilter stack. This mixes an odour neutralising agent with the air being emitted from the stack.
- An aeration floor for the compost building is installed, this forces air through the maturing compost which helps it to stabilise and reduces odours.

9. Developmental/ Infrastructural Works Summary

A new waste facility permit W0284-01 (IED) was granted in October 2015 to replace WFP-CW-14-003-05. The waste collection permit WCP/KK/09/529/01 was reviewed in December 2014, the waste collection permit for the facility is now NWCPO-09-02529-02.

10. Schedule of Objectives & Targets for 2016

The following is the objectives and targets for 2016:

- Upgrade Biofilter
Completion of Biofilter upgrade
- Floor Aeration
Complete floor aeration in the buildings
- Yard upgrade
Complete concrete of yard
- Apply for planning permission for a compost tipping building

11. Integrity Test Results

Visual bund inspections are carried out on a weekly basis to ensure that there has been no damage to the bunds and that they are not visibly leaking. Records of all bund inspections are maintained on-site.

12. Summary of Nuisance Inspections and Controls for the reporting period

The facility is inspected for nuisances on a weekly basis. Litter, flies, dust, odour, noise, vermin and mud are checked to ensure that none of these give rise to nuisance at the facility or in the facility surrounds.

In addition to nuisance inspections, the following inspections are also conducted on a weekly basis:

- Visual bund inspections
- Drainage system inspection
- General cleaning inspections
- Scrubber filter cleaning inspections

Inspection record forms are completed for all inspections and results maintained on-file. If a nuisance is detected during the routine inspections immediate corrective action is completed. This is recorded in the comments section and if external contractors are required to complete works the records of visits are maintained at the site. Vermin baiting records are maintained on a monthly basis.

13. Summary of Incidents and Complaints for the reporting period

There were no incidents at the facility during the reporting period.

One complaint was received in October 2015. The complaint related to odours emanating from the facility. An Environmental Complaint Form was completed for the complaint received. A copy of all completed Environmental Complaint Forms are maintained on site and are available for inspection.

14. Summary of Daily Odour Site Inspections

Odour inspections are carried out at the facility on a daily basis as required by the conditions of the waste facility permit. If an odour is detected at the facility, the location, wind direction and description is recorded and a preventative measure is completed where possible. All records of odour inspections are maintained on-site.

15. Financial Provisions

A facility Closure, Restoration, Aftercare Management Plan (CRAMP) and an Environmental Liability Risk Assessment (ELRA) have completed and submitted to the EPA as part of the licence application. A copy of this documentation is available upon request.

