

Decommissioning and Site Restoration Plan for composting plant at Littleton, Co. Tipperary

I. Introduction

The proposed composting facility at Ballybeg, Littleton, Co. Tipperary is located within a 3 hectare area and on an extended agricultural type site of approximately 56 hectares. A decommissioning and site restoration plan consists of providing the means and method of reducing residual environmental impact from a site which is about to or at some point in the future will cease operation.

The building in this report is a clad steel frame structure with mass concrete surround walls and internal walls. It will be constructed with a pile foundation and will have a developed internal access road with weighbridge and office facilities. The internal road infrastructure and buildings have at least a 20 year life span in terms of the operation of the building as a composting facility. The internal roads will be lightly trafficked with around 60 vehicle movements per day.

Within the decommissioning plan, it is the intention of the land and facility owners to maintain the building in its proposed form in the event of a closure of the business type associated with the composting activity type. The main use for this facility in the event of the compost business closing, would be agricultural/storage.

II. Responsible Party

Identify key project personnel, including any financial and monitoring personnel necessary to ensure restoration success, as well as any personnel that will need to be notified to access the site.

Name	Role/ Agency	Phone/ E-mail	Address
Rónán Beasley	Acorn Recycling, MD	086 0401832 ronan@acornrecycling.com	Archerstown Industrial Estate, Thurles, Co. Tipp
Donal Kearney	ARLO group Director	0504 57800	Archerstown Industrial Estate, Thurles, Co. Tipp

III. Baseline Information

Please refer to EIS: Proposed Composting Facility at Ballybeg, Littleton, Co. Tipperary

This document contains the baseline information showing the pre existing environment at the site. The majority of the site would remain as it exists today, with much of the farm land outside

of the facility area being covered in dense willow energy crop. The site would retain this crop for 35 years.

IV. Goals and Objectives

In the event that the site would require decommissioning the following objectives would be enforced by the responsible parties:

- 1. Internal Cleanup operation would be enforced to remove any existing material within the facility to a proper end use/disposal site. The total composting of all waste materials would occur until no waste material is on site, only compost product and some residual by product.*
- 2. Electrical Capacity (MIC) would be reduced to a reasonable level that would supply a agricultural/storage facility.*
- 3. Existing plant including loader shovels, screening and mixing plant would be decommissioned and removed from site. These can be sold or reused for agricultural purposes (loader shovels).*
- 4. Electrical conduits, control panels and aeration systems will be dismantled and disposed of at a licensed facility. For example, wiring, metal and ducting are suitable for recycling at Hegarty metals, Cork.*
- 5. A full itinerary of all components and products including e.g. Lubricating oils, hydraulic oils, diesel fuel oil is to be commissioned and updated upon opening the facility. This itinerary list will be utilised upon decommissioning and in the removal of all products from the site.*
- 6. A full Residual Management Plan, along with a financial Guarantee will be commissioned upon opening of the facility in order to ensure that all products remaining on site will be managed responsibly and effectively upon decommissioning of the site.*

V. Work Plan

Areas of the site will be maintained upon completion of the decommissioning plan which will prevent the facility from going into disrepair. Boundary ditches and the streams will be maintained in a proper and responsible manner by the land owners. The work plan for the site will follow standard agricultural practise. The site will be examined by the responsible parties for a period of five years after decommissioning, including monitoring of boreholes, streams and any other environmental monitoring required by the EPA waste licence guidelines in decommissioning.

B. Tree Replacement and Revegetation:

No tree replacement will be envisaged given the wide diversity of species present at the site today and the very large density of trees which have been planted and have replaced any vegetation, flora and fauna lost on construction of the facility.

VII. Monitoring and Maintenance Plan

An annual site visitation schedule for five years will be undertaken by Rónán Beasley or a designated deputy.. For each visit, the site will be monitored/ documented to evaluate the sites progress (photos, surveying, etc.) Normal monitoring of the site, especially in tandem with the wishes of the licensing authority, EPA will be carried out and impact reports will be written upon completion of the annual visit to describe progress on the site.

If any aspects of the site, e.g. vegetation, building, roadways are found to require maintenance or repair, this will be detailed in the report, signed by the responsible party and a clear instruction will be given to all parties for the repairs/restoration to be carried out. As part of the EPA licence requirements it is envisaged that this signed report would be given to the authorities as well as distributed internally. The site would be revisited after the timeframe set out for the repairs has passed and an update report on progress will be completed and signed.

Statement from Responsible Party/ies:

We endeavour to maintain and manage the land and facility site for the purposes outlined above, in the event that the site is decommissioned and no longer used as a composting facility. We endeavour to follow the principles detailed in the Environmental Management System installed at the facility and the conditions set out in the EPA waste licence for restoration/decommissioning. We will provide a financial guarantee to manage the removal offsite of any composted product and residual by product in an effective and environmentally responsible manner upon opening the facility.

Signed



Rónán Beasley
March 31st 2008



Donal Kearney
March 31st 2008