

# Certificate of Authorisation

## Attachments

Attachments Included:

- Attachment B.1. Map of Landowner details
- Attachment C.1. – Map of Site Location
- Attachment C.4. – Current Land Use details
- Attachment C.5. – Types and Quantities of Wastes Disposed
- Attachment D.1. – Risk Assessment documents
- Attachment E.1. – Ecological Survey & Appropriate Assessment Stage 1 Screening

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

### **Attachment B.1. – Landowner details**

The lands owned by Tipperary Town Council are detailed on drawing number B.1. A portion of the lands appear not to be in the ownership of the council and a review of the Land Registry confirms they are not registered. South Tipperary County Council have commenced the necessary legal process to formalise ownership.

For inspection purposes only.  
Consent of copyright owner required for any other use.

### **Attachment C.1.**

- Map showing the site location in the context of its surroundings and clearly highlighting the site boundary

For inspection purposes only.  
Consent of copyright owner required for any other use.

#### **Attachment C.4. – Current Land Use**

The site is currently used as a storage yard for road materials (stone, chippings, salt etc) by South Tipperary Council. The southern, and part of the eastern and western perimeters of the site are fenced. There is no visible boundary, other than the raised landfilled area marking the northern boundary of the site. The southern part of the site has a hardcore surface and is used for storing road-works materials and machinery, chippings etc. There is also storage building on-site. (The Risk Assessment reports refer to an objective to demolish this shed, however this is no longer the intention as the building is now required to store salt for the winter de-icing roads programme). The remainder of the site, north of the shed, has a considerable volume of discarded waste materials comprising of large mounds of construction & demolition waste, green waste, etc.

For inspection purposes only.  
Consent of copyright owner required for any other use.

## **Attachment C.5. – Types and Quantities of Wastes Deposited**

The wastes accepted at the site are most likely to have been municipal and commercial/industrial wastes as well as wastewater treatment plant sludge. Trial holes were dug during the Tier 2 stage of the risk assessment and characterised waste as being variable across the site.

A geophysical survey during the Tier 2 Risk Assessment confirmed the vertical extent of waste at an average depth of 12m. The survey indicates waste ranges from 6-7m to 17m in the northern section of the landfill. The volume of waste estimated on the basis of a 1.8Ha site area with an average depth of 12m is consequently 216,000m<sup>3</sup> or 86,400 tonnes (using the conversion factor for compacted municipal waste 1m<sup>3</sup> = 0.4 tonnes, from the Waste Management (Landfill Levy) Regulations, 2002).

For inspection purposes only.  
Consent of copyright owner required for any other use.

## Attachment D.1. – Risk Assessment Details

- Risk Assessment
  - Tier 1 Documents prepared by South Tipperary County Council, includes
    - Tier 1 Report
    - Proximity to Buildings Map
    - Proximity to Protected Areas Map
  - Tier 2 Documents prepared by O’Callaghan Moran & Associates, includes
    - Exploratory Phase Report (including Geophysical Survey)
    - Tier 2 Detailed Site Investigation Report
  - Tier 3 Report prepared by O’Callaghan Moran & Associates, includes
    - Ecological Assessment Report
    - Preliminary Remedial Action Plan

For inspection purposes only.  
Consent of copyright owner required for any other use.

## Attachment E.1. – Ecological Assessment and Appropriate Assessment Stage 1 Screening

For inspection purposes only.  
Consent of copyright owner required for any other use.