

## PROJECT PROFILE

COREY  
STEVENS

& Associates

# waste transfer station (co. tipperary)

outline design & planning services

## PROJECT BRIEF

In conjunction with Cork-based consultants, Fehily Timoney & Co., CSA were retained to design and prepare a planning application for a new waste management facility at Cashel for South Tipperary County Council. The facility comprised of three main elements – a Waste Transfer Station, a Recycling Centre and a Composting Centre. The requirement for the facility was identified in the South-East Regional Waste Management Plan.



## WASTE TRANSFER STATION

The transfer station was designed to receive up to 15,000 tonnes per annum of dry recyclable and mixed solid waste. These waste types are deposited in separate areas of the transfer building, for subsequent loading into open-topped articulated ejector trailers. The dry recyclables are transported to a Materials Recovery Facility and the residuals are directed to the Council's own landfill site. Due to the site's location on the edge of Cashel (a heritage town), particular attention had to be paid to the style, scale, visual impact and appearance of the transfer building.

## RECYCLING CENTRE & COMPOSTING FACILITY

The recycling facilities for public users comprise a free-of-charge Bring Centre for glass, cans, etc., and a separate split-level Recycling Centre for bulky items. The centre also includes a banded area for batteries, oils and chemicals and a baling house for newspaper and cardboard. The site design also provided for the future construction of a Composting Centre, using in-vessel biological treatment for up to 1,500 tonnes per annum of organic waste. It includes reception and storage areas for organic waste and bulking materials, provision for the shredding, mixing and loading of materials, composting vessels, maturation area and odour biofilters. Due to its proximity to the urban area, special consideration was given to the mitigation of potential environmental impacts.

## PROJECT IMPLEMENTATION

Our remit included fast-tracking the design process so that a planning application under Part 8 of the Planning & Development Act could be submitted within a six-week timeframe. This involved an intensive work period to develop the design with the client until approved drawings were produced. We used our substantial experience in the design of waste management facilities to ensure that a functional, efficient and appealing design was achieved.



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