

**Wastecycle**<sup>®</sup>

## Construction Waste Study



### Laing O'Rourke Plc

**Site: Emmanuel School,  
Wilford, Nottingham**



### Background

The Nottingham Emmanuel School Project in Wilford, Nottingham is a £26m rebuild project creating a new school on the site of the old playing fields and re-locating the sports fields to where the existing school currently stands following its demolition. Laing O'Rourke appointed Wastecycle to produce the Site Waste Management Plan (SWMP) to ensure the segregation of as much recyclable waste as possible from the construction activities. The project commenced in April 2007 and is due to be completed in Summer 2008.



### Waste Management

Laing O'Rourke's recognition of the benefits of working with a proactive waste management company like Wastecycle has enabled them to achieve greatly reduced volumes of waste going to landfill, significant financial savings and a continuing environmentally sound reputation.



On-site segregation was implemented by installing a range of containers including paper recycling boxes for the offices, 40 cu yd, 20 cu yd, 8 cu yd and mini skips, 205ltr drums and wheelie bins placed strategically around the site. Wastecycle collect the waste, taking it to our Materials Recycling Plant in Colwick, Nottingham for recycling and re-use. Waste streams which are segregated on site include: timber, cardboard and paper, aggregates, metal and plastic. Working together under the SWMP, over 78% of the waste collected from site has been recovered for recycling, exceeding the SWMP original target by over 18%.



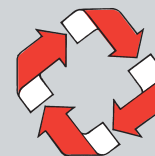
On the Emmanuel School site, the containers are clearly signed and sited for ease of access and use by personnel and contractors. A waste monitoring system has also been implemented by the Laing O'Rourke team to identify the main waste streams generated at each stage of the project enabling forward planning for the best method of disposal and minimisation.

**LAING O'ROURKE**

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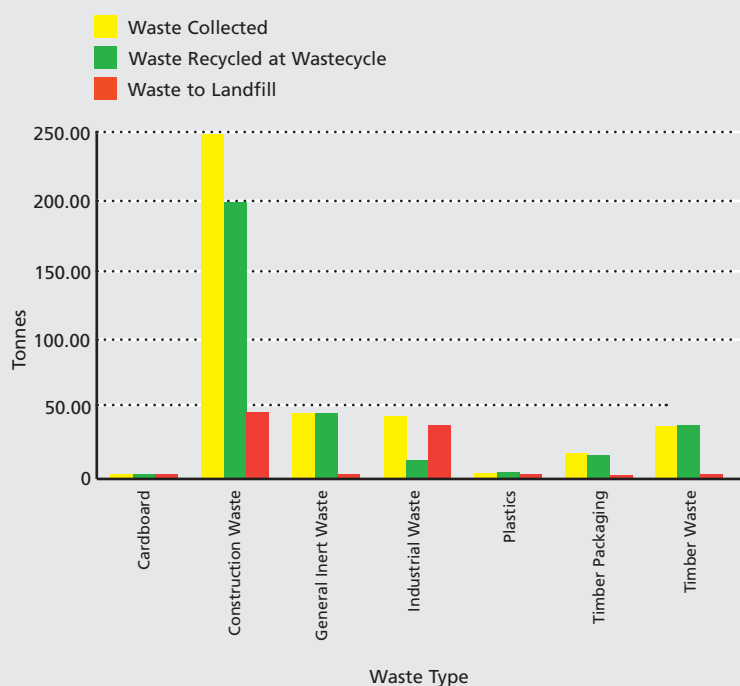
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Wastecycle are also contributing to Laing O'Rourke's innovative 'Learning Zone' at the site, helping students to understand the importance of construction waste materials segregation and recycling, in light of legislation and rising landfill costs.



**Laing O'Rourke Construction Waste Recycling**



Wastecycle provide on-going advice and monthly reports on waste collection and recycling rates enabling Laing O'Rourke to identify and monitor their total waste volume, total waste to landfill and total waste recycled for each waste stream.

To find out more on how Wastecycle can help with your project waste management visit: [www.wastecycle.co.uk](http://www.wastecycle.co.uk) or call us on **0115 940 3111**

For further information on Laing O'Rourke please visit: [www.laingorourke.com](http://www.laingorourke.com)

