



FLO (Ferrovia Laing O'Rourke)

The client

FLO is a joint venture between Ferrovial and Laing O'Rourke, two Tier 1 Contractors that have successfully worked together to deliver multiple large scale infrastructure projects including Heathrow T5 and the Northern Line Extension to Battersea Power Station.

The requirement

Since 2016, we have been providing FLO with essential waste management services as part of the Thames Tideway Tunnel project. The Thames Tideway Tunnel is the estimated 5-year project of constructing a super sewer running mostly underneath 16 miles of the River Thames. The purpose of the new tunnel will be to capture, store and convey almost all the raw sewage and rainwater that currently overflows into the Thames, leading to a cleaner river. Ferrovial Lang O'Rourke are one of three consortia responsible for the build, and are delivering the central section, covering Fulham to Bermondsey.

How we do it?

With such a huge project, the amount of waste to be disposed of is great. Therefore, we provide collection services using our skip disposal and roll on/roll off (RORO) services to remove a mix of timber, scrap and construction and demolition debris, averaging 2506 tonnes a year across 8 main sites and 3 logistic centers.

The containers used in the RORO's have a 15 tonne capacity and are filled and removed to our MRF, having been already separated. Excavated waste goes to a specialist who can ensure the safe disposal of such material, as does any hazardous waste. McGrath Bros (Waste Control) Ltd take remaining material including concrete, plastic waste, timber and scrap metal. With the project being in such proximity to the river, it makes sense for the waste to be transported to the MRF by a multi-capacity support vessel, which can carry up to 4 skips. Dependent on the tides, a barge is expected on average once every three weeks. The convenience of both the placement of McGrath's MRF and the wharf facilities, ensures that the waste can be rerouted away from the roads, aiding congestion around the city and work site, as well as helping to lower the carbon footprint of the Thames Tideway project.

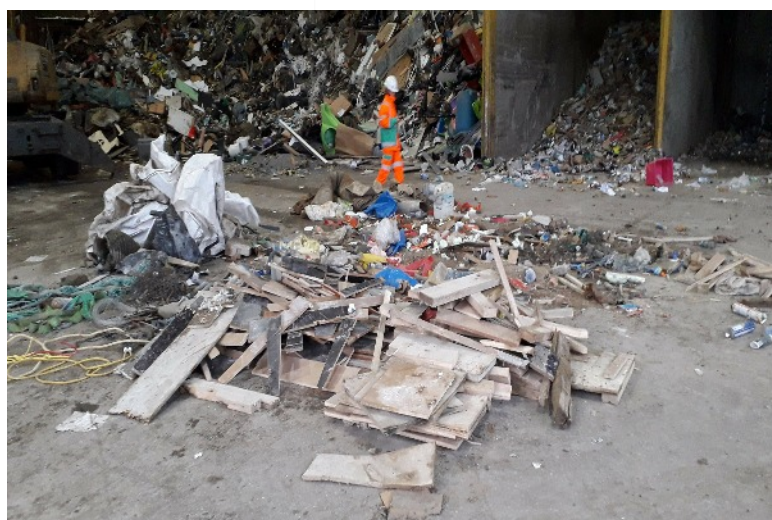
Client:
Ferrovia Laing O'Rourke

Contract:
Skip and RORO services

Duration:
Ongoing

Start Date:
2011

Recycling/Recovery rates:
100%



“FLO's Environment Team on Tideway have been very happy with the service provided by McGrath Bros (Waste Control) Ltd allowing quick and easy management of waste with a high reported recycling rate and excellent record keeping,” comments Environmental Site Lead, Justin Feltham of Ferrovial, “The McGrath Group have been happy to assist FLO in projects to assess the value of materials being disposed of in order to see if overall waste generation can be reduced.”

Justin Feltham, Environmental Site Lead, Ferrovial