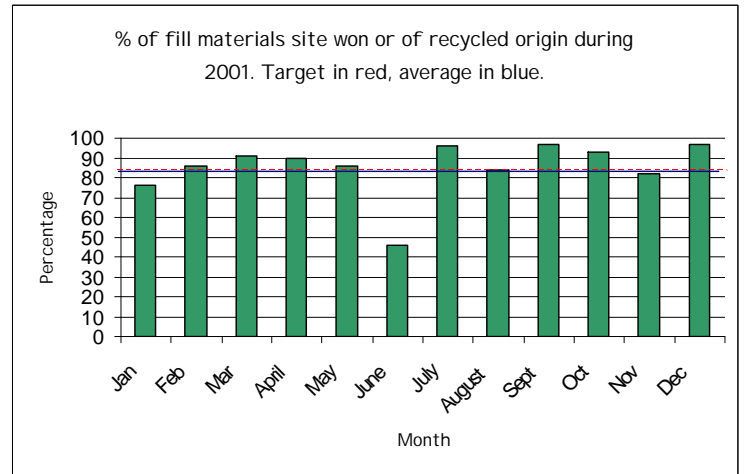
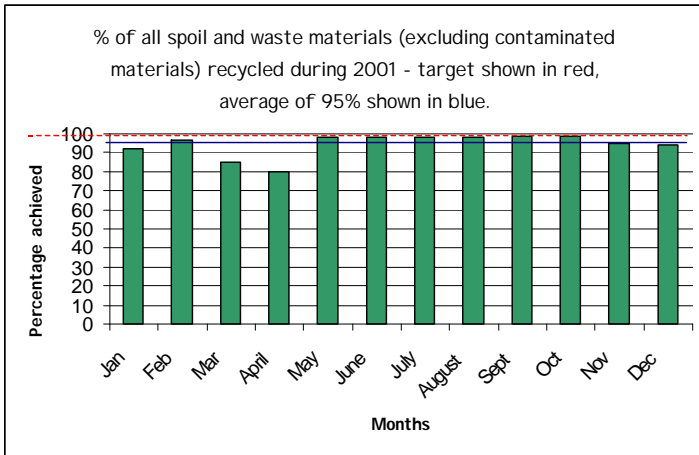


Case Study

Nottingham Express Transit waste management



Location	Nottingham
Client	Greater Nottingham Rapid Transport
Designer	Maunsell, Parsons, Brinkerhof
Construction	Carillion Construction
Track Laying	Carillion (Centrac)
Tram provision	Adtranz
Operations & Maintenance	Transdev/NCT

Carillion is an equal partner in the Arrow Consortium, alongside Adtranz, who are supplying the trams and signalling systems, and a joint venture between European tram operator, Transdev, and Nottingham City Transport the local bus company

Environmental Initiatives

Waste Management Targets set for recycling and re-use of materials.

As part of their environmental initiatives NET have set a target for waste management of 85% of all waste generated to be recycled or re-used.

It can be seen in Figure 1 that during 2001 this target was successfully achieved. With an average of 95%.

Monitoring of waste identified areas that could be improved such as in the month of April. This was based on soil, which is currently the most important waste generated by Carillion at NET. Although all efforts are made to reuse it, some must still be sent off-site. Soil is exempt from Landfill Tax so for economic reasons it is sent to landfill rather than recycling.

Research has been conducted into a project managed by Webfell Waste management Ltd near Ilkeston. The project involves the restoration of an old gravel pit to form a fishing lake. The Environment Agency confirmed that the project was exempt from holding a waste management licence (therefore cheaper than landfill) and so details of the site were passed on to NET sub-contractors.

The office waste management is going to change during 2001. Currently, it is all sent to a recycling centre in Nottingham where 80% of their waste ends up as landfill. The new scheme will operate a segregation of waste at source. All staff will be asked to separate their waste (paper, plastic cups etc) prior to throwing it in the bin.

The scheme offers several advantages. Economically, it will save over 50% compared to the current scheme as less goes to landfill. It will also represent a good opportunity to remind staff that the quest towards sustainability is not only relevant to the Environmental Co-ordinator or the Integrated Management Systems staff, but it is a matter for everyone.

NET have a general recycling policy for the site. At NET the emphasis is on using recycled or site-won materials instead of quarried materials for use as fill material. During 2001 an average of 85% of fill was reused on site.