

# Waste Management Plan

## Site Waste Management Plan

The Site Waste Management Plan would be the responsibility of the Contractor and would be prepared prior to the start of construction works on site. All sites will require a Site Waste Management Plan after April 2008. The aim of the SWMP is to reduce the amount of waste produced and would identify

- who is responsible for the management of the SWMP;
- the types of waste that produced by the project;
- how to re-use, recycle or recover the different wastes produced;
- compliance with duty of care regime;
- the quantities of waste produced.

The SWMP will require careful planning and preparation and it is likely that the Environmental Manager would be responsible for ensuring that it is kept up to date throughout the Project.

The SWMP will include how details of how the following will be managed and identify the procedures to be followed.

### Waste Identification

The types and quantities of waste that is likely to be produced during the Project would be identified. This would include inter alia concrete wash out, pipe off cuts, materials from demolition, felled timber, office waste etc.

Realistic targets would then be set for how much waste will be able to be reused, recycled or disposed of including arrangements for any hazardous waste produced.

### Waste Management

Having identified the best options for recycling and disposal of the various waste streams and where materials can be reused and that systems are in place to ensure that

- all waste is stored and disposed of responsibly;
- waste is segregated where possible;
- any licences required for the storage of waste is in place.

This would include the use of an on-site crushing facility, which would recycle inert material from the demolition works for use as granular fill within the works. The use of a mobile crusher requires a licence for operation of a Type B Process (discharge to air).

All felled timber, tree stumps and roots would be chipped on site for use as mulch within the landscape scheme.

All suitable material excavated would be re-used in the construction of the Scheme, further reducing the requirement to import materials for construction and eliminating the need to remove surplus material from site.

### Waste Disposal

The SWMP will identify the processes for managing waste disposal for the Project including

- records of all waste disposed of or transferred through signed Waste Transfer Notes;
- the waste is correctly identified by the European Waste Code;
- records of the facility licensed to accept the type of waste and details of it's licence;
- the site has a hazardous waste license

# Waste Management Plan

## On-Site Materials

Careful planning of ordering and storage areas for materials will help reduce wastage. Material produced from the cut operations on site would be placed in the permanent works wherever possible minimising the need for stockpiling.

The crushed material from the demolition would need to be stockpiled at Belle Hill Junction compound until is required as suitable granular fill to structures.

Potential areas for stockpiling have been identified within the Construction Strategy but would be reviewed throughout the course of the Project.

## Communication and Training

The SWMP would be fully briefed out to the workforce, staff and subcontractors so that everyone understands the plan, its importance and how to implement it. Where necessary provide training to ensure it is put into practice.

Following any reviews and periodically throughout the Project the SWMP would be rebriefed.

## Measure Waste

All movements of waste within and from the site should be monitored to assess how much and what type of waste is being produced so that it can be compared against the SWMP. This will require a formal procedure to ensure that all wastes are managed properly and to learn lessons for the future.

## Monitor

Audits would be carried out on a regular basis to ensure compliance, identify any areas of improvement and any changes that may be needed to the plan.

At the end of the Project the SWMP should provide an accurate record of the effectiveness of the management of materials and waste on site, proof of compliance with the legislation and identifying ways of improving.