



CONSTRUCT

**SITE WASTE
MANAGMENT PLAN**

1-6 Crescent Mews, N22 7GG

Rev 0 (18.07.23)

Table of Contents

1	INTRODUCTION.....	3
2	MINIMUM STANDARDS TO BE ADOPTED ON ALL X CONSTRUCT LTD SITES	3
3	PROJECT AIM	3
4	RESPONSIBILITIES	4
5	WASTE MANAGEMENT – PLANNING, DESIGN AND PROCUREMENT.....	4
6	WASTE MINIMISATION	5
7	IDENTIFIED WASTE STREAMS	5
8	WASTE MANAGEMENT OPTIONS	6
9	WASTE MANAGEMENT ON SITE	7
10	ENVIRONMENTAL MANAGEMENT.....	7
11	COMPLIANCE & MONITORING	8
12	APPENDIX A.....	9
	12.1. SITE WASTE MANAGEMENT PLAN CHECKLIST.....	9
13	APPENDIX B.....	12

1 INTRODUCTION

X Construct Ltd will adhere to the waste hierarchy as per the LBH SPD and minimise it's impact on the environment. As much waste as is practicable will be segregated on site for recycling. Waste generation will be monitored to obtain a baseline so targets can be set. Where possible elements of the building will be made off site to further reduce on site waste

Good waste management ensures that any potential value in the waste is recognised whilst taking care of the environment. Good waste practice should follow the waste hierarchy. The hierarchy has five levels, providing a framework for decision making and reflecting the environmental and cost issues surrounding waste:

- **Prevention** – not creating waste in the first place
- **Minimise** – reducing the amount of waste created
- **Reuse** – reusing materials for the same purpose (either on or off site)
- **Recycling/recovery** – reprocess or recycle waste into new products e.g., timber into chipboard
- **Disposal** – dispose to landfill, least desirable option.

2 MINIMUM STANDARDS TO BE ADOPTED ON ALL X CONSTRUCT LTD SITES

On all X Construct Ltd Projects a high-quality controlled waste management system encompassing a controlled waste recycling scheme will be set up. It is hoped that these systems will be both cost effective and progressively more sustainable in environmental terms.

- All Projects will be audited at design stage to assess the potential for waste prevention, reduction, re-use and recycling during demolition and construction phases.
- Waste Management will be planned at the earliest stage of the Project design (e.g., where to site mini skips, skips and roll on roll offs where applicable and at which stages of construction they will be required).
- Waste Re-use and recycling schemes will be considered. As a minimum timber and inert hardcore (concrete, sand, rubble, masonry and bricks) should be recycled on all sites.
- Waste will only be removed by registered carriers, in accordance with waste transfer notes and disposed of at a licensed transfer station for sorting and recycling. Mixed waste will only be disposed of at a licensed landfill.

3 PROJECT AIM

On all our projects X Construct Ltd are committed to implementing this SWMP so that it is effective, accurate and economical, we will ensure that the procedures put into place are working and are maintained.

4 RESPONSIBILITIES

Managing Director	• Considering effective waste elimination and reduction through design and specification (Refer to SWMP Checklist – Appendix A). • Producing the first draft of the SWMP
Commercial Manager	• Considering effective waste management through contractual arrangements with sub-contractors and procurement (Refer to SWMP Checklist – Appendix A) • Updating the SWMP
Construction Manager / Project Manager	• Considering effective waste management through segregation and recycling (Refer to SWMP Checklist – Appendix A). • Updating and managing the SWMP
X Construct Ltd H&S Advisor	• Monitoring the SWMP
All	• Adhering to the SWMP

5 WASTE MANAGEMENT – PLANNING, DESIGN AND PROCUREMENT

In order for a waste management scheme to be effective it is important to minimise waste arising's at all stages of a project from design through demolition, construction and future maintenance. Where practicable:

- A demolition audit of relevant buildings will be undertaken and demolition techniques for maximum re-use / recycling of materials will be selected.
- Demolition bricks, rubble and concrete will be recycled by using them for a piling mat.
- Prefabricated materials will be used where possible.
- Where unforeseen controlled waste is to be produced there shall be an initial assessment of the type, volume and classification of the material.
- An indication of the period during which the waste is to be produced may be taken from the master / stage programs.
- The material volumes and chemical analysis report details shall then be offered to various, appropriate tips, together with all available supporting documentation / analysis in order to confirm the classification and ensure the appropriate license arrangements are in place.
- Upon confirmation of the above, and issue of the tip / haulier registration details, material removal shall commence.
- All material disposal operations shall be recorded on the X Construct Ltd standard log sheets, which describe the date, material, classification, haulier, vehicle registration and tip details.

- Copies of all disposal logs shall be retained on site for the purposes of inspection, verification and measurement of the classified material quantities and will be produced on demand by Regulatory bodies such as the Environment Agency.
- During the course of the works, further material testing shall be conducted as befits the site conditions or specific instructions received.

6 WASTE MINIMISATION

Waste minimisation means reducing the amount and environmental impact of waste generated. X Construct will:

- Identify unknown wastes by location, description, sampling and chemical analysis.
- Ensure bricks, rubble and concrete will be crushed for use as hard core for the piling mat
- Classify waste before disposal
- Allocate responsibility for waste on site
- Provide waste training and raise awareness on site
- Ensure waste transfer notes are completed and recorded, as required under “duty of care”
- Order the correct amounts of materials
- Prevent damage of materials during delivery and storage
- Dispose of different waste in the correct containers

7 IDENTIFIED WASTE STREAMS

The following waste streams have been identified as arising from this project:

Demolition and soft strip	Inert bricks and rubble, concrete, timber, tarmac, soils, metals, asbestos, metal. Glass, hazardous materials
Ground works	Concrete, metal, packaging, glass, timber, soils
Superstructure	Blocks, hazardous materials, paint, plaster, packaging, timber, bricks, mortar
Externals / Drainage	Plastic, soils, inert bricks and rubble, timber, packaging, metal manhole covers
Refurbishment,	Trees, shrubs, light fittings, electrical waste, timber, metal

8 WASTE MANAGEMENT OPTIONS

Waste Type	Re-Use / Recycle / Dispose	Waste Facilities Required
Inert - masonry, brick, rubble, hard core, hardened concrete, paving slabs, ceramic tiles	Recycle – Segregate and crush on site or off site	Skip, Crusher *
Ferrous metals	Recycle - Segregate	Bin / Skip
Non-ferrous metals	Recycle - Segregate	Bin / Skip
Insulation	Dispose	Compactor
Cement Board	Dispose	Compactor
Timber	Recycle	Bin / Skip
Stone	Recycle	Bin / Skip
Glazing	Return to supplier or recycle	Bin / Skip
Plastic / Packaging	Recycle	Bin / Skip, Compactor
Hazardous wastes (asbestos, electrical and smoke detectors)	Dispose	Skip / Store area
Materials	Dispose	
Paper	Recycle	Bin
Printer Cartridges	Recycle	Bin
Aluminium cans	Recycle	Bin
Food waste	Dispose	
Trees, shrubs, hedges etc.	Shredded and re-used in landscaping	

* Note

Permits or licences are required for certain waste recovery activities such as the operation of mobile crushing plant or the temporary storage or treatment of waste on site

9 WASTE MANAGEMENT ON SITE

All skips provided will:

- Prevent spillages or leakages;
- Be corrosive resistant (to the weather elements);
- Prevent materials from being blown away and
- Will prevent scavenging from animals.

The segregation of wastes will be of the following types:

- Timber
- Inert: block work, bricks, rubble and concrete
- Ferrous Metals
- Non-ferrous metals
- Plastics, packaging
- Cardboard, Paper
- Aluminium cans
- Mixed/General Waste (for all other wastes)

Subcontractor operatives will still be responsible for putting segregated waste into the Skips/bins provided. All bins will be labelled as necessary. Where appropriate, the storage of materials onsite for potential reuse will be at locations agreed X Construct Ltd. Materials likely to be stored including waste timbers, pallets, bricks and metals, plasterboard. The waste contractor will collect all of the skips. The segregated skips for metals, inert and timber will be recycled. The waste contractor will aim to recycle a large proportion of the mixed and plastic skips.

All hazardous waste will be removed by a Licensed Sub contractor. Enclosed locked drums or skips will be used for the collection of hazardous wastes. An accredited hazardous waste licensed carrier will collect the hazardous wastes to ensure legal disposal. Any subcontractor caught contaminating any non-hazardous waste skips with hazardous material will be contra-charged appropriately.

This SWMP will be communicated through project meetings and tool box talks

10 ENVIRONMENTAL MANAGEMENT

Our works may create noise and vibration, nuisance, dust, and spoil deposits on public thoroughfares. We will endeavour to eliminate and reduce at the very least our impact upon the local environment and our neighbours.

Environmental noise levels will be monitored and maintained to reduce the risk of a potential nuisance., management systems in place will be, work ceasing during any “quiet periods.” Sampling of external areas and advisory/communications with any person that may be effected. We will adhere to all noise restrictions imposed by the local authority. Any dusts generated will be cleared away where reasonably practicable, otherwise suppressed using water.

Where generated, dust that has the potential to be an environmental nuisance will be suitably suppressed and controlled at source, materials and processes that create the dust will be sampled prior to works to ensure that the dust does not pose any other additional health risks other than the dust its self.

Where reasonably practicable, any arising's will be re-used/recycled rather than transporting away to landfill. Any landfill sites used will be as near to site as possible so as to reduce vehicle emissions and excessive use of fuel. Please refer to our Site Waste Management Plan.

All static liquid-fuel driven plant will be provided with drip trays. Fuels and liquids stored on site will be kept within secure, and where appropriate, lockable facilities. We intend to remove the need for site-stored fuels by providing a visiting fuel supply bowser where practicable. Adequate provisions will be made to prevent fuel spillage. Any spills will be cleared away using appropriate spill kits.

A road sweeper vehicle will be employed to clear public highways affected by our site activities.

Neighbourhood liaison will be carried out by our Liaison manager who will keep neighbours informed of site activities, including major activities involving large numbers of truck movement, extended working hours etc. X Construct Ltd proposes using personal visits, notices posted on the hoarding and newsletters.

A duty of care/waste transfer note will be completed and issued to each vehicle leaving the site with special waste. The note will contain the following required information; -

- Vehicle registration number
- Driver's name
- Time of entering and leaving the site
- Description of waste
- Disposal facility

Copies of the waste/transfer notes will be retained on site and may be inspected by the Client or his appointed representative at any time.

11 COMPLIANCE & MONITORING

Site management and supervision, visiting managers and safety managers will monitor compliance with the safety method statement.

They will assess compliance against safety legislation, contract conditions, site rules and document contents. Therefore, our works will be monitored to ensure that the planned sequence of operations is not deviated from in any way.

It is important that all method statements are followed explicitly. Unauthorised variations will not be permitted. Any amendments will require documenting, and a further method statement briefing to be carried out to the workforce.

This SWMP will be reviewed and updated as necessary.

12.1. SITE WASTE MANAGEMENT PLAN CHECKLIST

Planning and Preparation

- Have you set aside time to prepare your SWMP?
- Have you considered the construction methods and materials that you can use to reduce the amount of waste the project produces?
- Have you thought about ordering materials that have less or reusable/ returnable packing?
- Have you recorded all of your waste reduction decisions in your plan?

Allocating responsibility

- Has someone with authority been assigned overall responsibility for the SWMP?
- Have you included a declaration from the client and principal contractor in the SWMP?

Identifying your waste

- Have you assessed the waste production at each stage of the project – the types, how much and when, including the processes involved?
- Have you identified which workers will produce waste?

Managing your waste

- Has an area of the site been set aside for storing new materials and waste, including separate containers for different types of waste? You must store new materials separately from waste, and make sure storage areas are secured against vandalism.
- Have measures been put in place to deal with expected and unexpected hazardous waste?
- Have you considered whether you can reuse materials either on site or offsite?

- Have you considered on-site and off-site processing and reuse of materials?

Disposing of your waste

- Have you considered how you will dispose of liquid wastes such as wash-down water and lubricants?
- Have you got an agreement from your water and sewage operator for trade effluent discharge?
- Are we complying with the duty of care, including using waste transfer notes or consignment notes for all movements of waste from the site and checking the details of those removing the waste?
- Has someone been made responsible for checking that loads of waste leaving site are accurately described, and waste transfer notes and consignment notes are completed correctly?
- Have you checked that every waste carrier we use is registered with the environmental regulator?
- Have you checked that all sites receiving the waste have the appropriate permits, licences or registered exemptions?
- Have you identified the nearest waste sites?
- Have you considered how to reduce disposal costs by reusing or recycling waste materials with a commercial value?

Organising materials and waste

- Have you assessed the quantities of materials you need to order to reduce over-ordering and site waste?
- Can you return unused materials to the supplier, sell them or use them on another project?
- Have you considered using recycled materials?
- Can you return unwanted packaging to the supplier for reuse or recycling?
- Will you separate different types of waste to enable you to get best value from good waste management practices?

- Have you labelled containers and skips clearly to avoid confusion? Colour coding your containers could help?
- Are storage areas secure and weatherproof to prevent wind and rain damaging your materials?
- Have you covered or netted any loose materials to prevent them being spread and possibly causing pollution?
- Is everyone who will handle waste aware of the SWMP requirements?

Communicating and training

- Have you planned site inductions and toolbox talks for all site staff?
- Are contractors and subcontractors trained and aware of their responsibilities?
- Have contractors and subcontractors understood and agreed the SWMP?
- Are SWMP requirements built into contracts?
- Are you carrying out spot checks and monitoring of staff regularly to make sure they are following procedures?

Measuring and monitoring the waste

- Are you updating the plan every time waste is removed from site?
- Are you checking the SWMP regularly and making sure targets are being reached?
- Are the agreed waste management procedures being checked and monitored regularly?
- Are you producing regular reports on waste quantities, treatment/ disposal routes and costs?
- When construction is underway, are you making notes of problems and recording them for your next plan?

REGISTER OF PERMITS AND LICENCES

TBC