

Rowlinson Constructions Limited

Site Waste Management Plan & Guidance Notes

Contract:	Silk Street	R. 767
Client:	Council of City of Manchester	
Client's Agent:	Faithful & Gould	
Project Value:	Circa £10.6M	
Project Description:	The new build construction of 21Nr timber framed town	
	Houses in 5 blocks and 48Nr apartments in 3 blocks	
	Constructed in Light weight steel frame. The project	
	Includes existing highway infrastructure upgrade,	
	Drainage and services	
Principal Contractor:	Rowlinson Constructions Limited	
SWMP Developer:	Steve Weir (Director)	
Major Sub-contractors:	DEMOLITION	
	BULK EXCAVATION	
	PLASTERER	
	SCREEDER	
	ELECTRICIAN	
	PLUMBING	
	ASBESTOS STRIP	
	GROUND REMEDIATION	
	PAINTERS	
	FLOOR FINISHES	
	SEALANTS & GAPS	
Waste Contractors:	WAGON LOAD SPOIL	
	SKIPS	
Environment Agency Site Registration:	CBDM307410 (enclosed)	

Note: Residual waste left by tenants is excluded from this plan.

Declaration:-

The person in charge of the project and the principal contractor will take all reasonable steps to ensure that:

- a) All waste from the site in accordance with the Waste Duty of Care in Section 34 of the Environmental Protection Act 1990 and Environmental Protection (Duty of Care) Regulations 1991 and
- b) Materials will be handled efficiently and waste managed accordingly

Person in charge of the Project (Client)

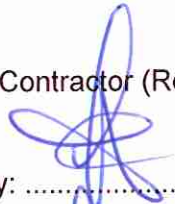
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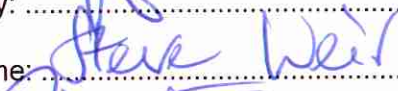
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Position:

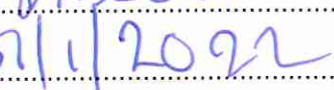
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Principal Contractor (Rowlinson Constructions Limited)

Signed by: 

Print Name: 

Position: 

Date: 

1. Development of SWMP's

The person responsible for developing the SWMP is the appointed Contracts Manager with input from Estimating / QS / Buyer / Architect / Structural Engineer, as necessary.

Waste reduction is included as an agenda item within the project design meetings.

The monitoring of the plan is by the Contracts Managers or their appointed nominee.

2. Waste Identification

Estimated quantities of waste arising and its method of disposal using the Envirowise Waste Hierarchy

Elimination
Reduction
Re-use
Re-cycle
Disposal

is appended to this plan
[see Appendix A for newbuild]
[see Appendix B for refurbishment]

3. Waste Management Options

Efforts are to be made to reduce the amount of waste by:

1. Excavating foundations/drainage trenches to specified width and depth
2. Foundation / drainage rationalisation
3. Use of Geo-textiles , etc
4. Reducing one of pipe bedding and increasing use of selected fill
5. Careful selection of brick / block for handling characteristics / packing
6. Purchasing strategy for materials including pre-packaging in house / fix lots
7. Other items as under

Residual waste is to be dealt with as under:

- 1) As much excavated material as possible is to be used for back-filling, adjusting site levels, forming mounds and berms as possible.
- 2) All bricks, blocks, etc. are to be collected and used for site hardcore / sent for crushing / recycling.
- 3) All timber is to be collected and sent to a recycling plant for chipping / bio-mass fuel.
- 4) All plaster / plasterboard is to be kept in a designated skip and removed by a specialist recycling company.
- 5) All waste (other than excavation arisings) is to be stored on site in clearly identifiable skips for the following:
 - i. Brick / block other recyclable inerts
 - ii. Timber
 - iii. Plaster
 - iv. Metals
 - v. General Waste
- 6) All excavation arisings that are to be removed from site are to be stored in designated stockpiles or where logistically necessary, loaded directly onto wagons.

4. Waste Disposal

RCL Buying Department will place orders with the following: (QS for reduced level on measure)

- 1) Spoil removal contractors
- 2) Waste contractors

In all cases copies of the relevant tip / recycling station registrations / waste management licences will be obtained and copies retained with the order.

All loads leaving site will have the relevant Waste Transfer Notes issued.

In addition the waste transfer station will advise on a monthly basis the total tonnage of waste received, composition and method of disposal

Only the following RCL staff can sign for muck off site:

Site Agent
Site Engineer

The following additional staff can sign for skips:

Accredited signature (as BS9001 list)

RCL Buying/Plant Department will advise the CM / QS on a monthly basis of the following:

- a) Tonnage of excavation arising, etc. removed

- b) Number of skips and WTS summary / disposal breakdown

All relevant transfer notes to be stored with invoices within accounts records.

5. On-Site Materials Handling

- 1) All materials to be called-off against Buyers / Engineers predetermined / measured schedules.
- 2) All materials to be stored in designated storage areas.
- 3) Material will be handled by mechanical means (crane / forklift truck) in full pallets where possible.
- 4) Forklift skips to be utilised for moving segregated waste.

6. Communication

Importance of SWMP waste management is to be included in the Site Inductions / Tool Box Talks, stressing the importance of waste reduction and correct segregation.

Results of SWMP calculations and resultant KPI's to be discussed at site meetings / internal management meetings and displayed on site notice board.

7. Measurement

All re-use of foundation arisings, etc. to be monitored on site by site QS.

Quantities of materials removed by site (Muck Away / Skips) to be recorded on site on Plant Sheet.

RCL Buying / Plant Department to produce monthly records / costs of material off-site costs and record the ultimate disposed volume / type / costs.

Waste of bulk materials to be monitored by QS / Buyer.

Value waste as a percentage of nett construction and prelims cost [QS].

8. Monitor

SWMP against actual results on site, at monthly site meetings.

Compare actual results across a basket of similar sites.

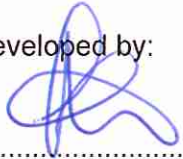
9. Review

Arrange for records of all sites to be reviewed bi annually by senior management / Directors.

Compile historical data for use by Estimating Department.

Review SWMP strategy to benchmark performance within the Company.

Plan Developed by:



Print Peter Weir

Plan Approved by:



Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name



Address

National Customer Service Centre
99 Parkway Avenue
Sheffield
S9 4WF

Telephone number

03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier

ROWLINSON CONSTRUCTIONS LIMITED

Registered as

an upper tier waste carrier, broker and dealer

Registration number

CBDU307410

Address of place of business

LONDON HOUSE
LONDON ROAD SOUTH
STOCKPORT
SK12 1YP

Telephone number

01625 877177

Date of registration

Thursday 26th September 2019

Expiry date of registration (unless revoked)

Monday 26th September 2022

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

Link to Guidance

Note: to convert between tonnes and cubic metres please use a conversion table (example at Link on WRAP website) or request data from the supplier www.simetric.co.uk/si-i-materials.htm

Site Activity / Sub-Contractor Workplace	Budget Quantity		Opportunities for waste reduction by design	Implemented (If not, why?)	Quantified reductions in waste m ³	Quantified reductions in waste (tonnes)
	m ³	tonnes				
Pre-tender						
N/A						
Totals						
Post-tender variations						
Totals						

WRAP recommend that the ICE Demolition Protocol be considered on projects where demolition is likely to occur – see the link below for more details:
<http://www.aggregain.org.uk/demolition/the-ice-demolition-protocol/index.html>

SITE WASTE MANAGEMENT PLAN

Appendix B : New Build

Plan Compiler: Steve Weir

Plan Monitor: Warren Beach

Date: 31st January 2022

Contract:	Silk Street	R. 767
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Material	Total Tender Quantity	Cumulative Quantity in tonnes							Disposal to Landfill	WTN completed
		Re-used On site	Re-used Off site	Recycled For use On site	Recycled For use Off site	Sent to Recycling facility	Sent to WML Exempt site			
Inert:										
Topsoil from site strip	Nil	N/A	N/A							
Sub-soil from site strip	3400Tonnes	Nil	Nil							
Foundation arisings (inc Piles)	5000Tonnes	Nil	Nil							
Drainage arisings	1000Tonnes	Nil	Nil							
Demolition arisings	Nil	N/A	Nil							
Existing foundations / slabs	200Tonnes	N/A	Nil							
Waste brick/block	200Tonnes	N/A	Nil							
Ferrous metal	Nil	N/A	N/A							
Debris/rubbish left on site	2Tonnes	Nil	Nil							
Non-Hazardous:										
Trees / hedges	½Tonne	Nil	Nil							
Plastic	10Tonne	Nil	Nil							
General Municipal	150Tonnes	Nil	Nil							
Timber Offcuts	1½Tonnes	Nil	Nil							

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Material		Cumulative Quantity in tonnes								
	Total Tender Quantity	Re-used On site	Re-used Off site	Recycled For use On site	Recycled For use Off site	Sent to Recycling facility	Sent to WML Exempt site	Disposal to Landfill	WTN completed	
Hazardous:										
Plaster / plasterboard	10Tonnes	Nil	Nil							
Asbestos	Nil	N/A	N/A							
Totals in tonne	9974Tonnes									
Performance score as %	TBC									
SWMP Target %	75%									

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Warren Beach

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SPOIL				
CLASSIFICATION	HAULIER	PREVIOUS TOTAL	THIS MONTH	TOTAL TO DATE
Inert	W Maher & Sons			
Non Hazardous	W Maher & Sons			
Active				
Hazardous				

SKIPS				
	WASTE CONTRACTOR	PREVIOUS TOTAL	THIS MONTH	TOTAL TO DATE
8 yards	Kenny Waste	[]	[]	[]
20 yard	Kenny Waste	[]	[]	[]
Other skips	Kenny Waste	[]	[]	[]



RECYCLABLE WASTE				
TYPE	PREVIOUS TOTAL	THIS MONTH	TOTAL TO DATE	% WASTE RECYCLED
Mixed Hardcore (17.01.07) (concrete/brick/tile)				
Topsoil (17.05.04)				
Metals (17.04.07)				
Timber (17.02.01)				
Glass (17.02.02)				
Plastic (17.02.03)				
Cardboard (15.01.03)				
Plaster / plasterboard (17.08.02)				
Total Recycled				
Landfill Waste (17.09.04)				
Total Weight Out				

Plan Compiler:

Plan Monitor:

Date:

Contract:	Silk Street	R. 767
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Material	Total Tender Quantity	Quantity in tonnes						Disposal to Landfill	WTN completed
		Re-used On site	Re-used Off site	Recycled For use On site	Recycled For use Off site	Sent to Recycling facility	Sent to WML Exempt site		
Inert:									
Demolition arisings	N/A								
External Works:									
Drainage arisings	N/A								
Existing foundations / slabs, etc.	N/A								
Waste brick / block	N/A								
Ferrous metal	N/A								
Non-ferrous metal	N/A								
Roof tiles	N/A								
Concrete flagging / edges	N/A								
Tarmac	N/A								
Non-Hazardous:									
Existing windows including glass	N/A								
Existing doors	N/A								

Material	Total Tender Quantity	Quantity in tonnes						Disposal to Landfill	WTN completed
		Re-used On site	Re-used Off site	Recycled For use On site	Recycled For use Off site	Sent to Recycling facility	Sent to WML Exempt site		
Existing porches / roofs	N/A								
Timber / board	N/A								
Kitchen units / worktops	N/A								
Plastic	N/A								
General Municipal	N/A								
Sanitary ware	N/A								
Trees / hedges	N/A								
Hazardous:									
Plaster / plasterboard	N/A								
Asbestos	N/A								
Totals in tonne	Nil								
Performance score as %	-----								
SWMP Target %	-----								