

Site Waste Management Plan Progress

Step	Completed
1. Responsibilities	✓
2. Waste minimisation	✓
3. Forecast	✓
4. Waste management options	✓
5. Duty of care	✓
6. Training / Communication	✓
7. Actual versus Forecast waste	✓
8. Ongoing review of implementation	✓
9. Completion review	✓

Project Details

Project reference	200748
Project name	Hornsey Town Hall
Project address	London N8 9JJ
Project use class	Other (Mixed Use Developments)
Actual start date	17/5/2019
End date	31/12/2024
Project cost (estimated)	£ 66,300,000.00
Floor area	22313.97 m2
Description of site location	Residential New Build and Town Hall Refurbishment
Client	FEC - Scott Lau
Principal Contractor	Ardmore Construction

Responsibilities

	Name	Company	Company Type	Contact details
Who is responsible for drafting the SWMP?	Simon Mintoft	Ardmore	Principal contractor	
Who is responsible for implementing the SWMP?	Tayna Farrell	Ardmore	Principal contractor	
Who is the waste champion?	Georgi Dinchev	Ardmore	Principal contractor	
Who is the person in charge of the project?	Tayna Farrell	Ardmore	Principal contractor	
Who is the client?	Scott Lau	FEC	Client	
Who is the principal contractor?	Ardmore Construction	Ardmore Construction	Principal contractor	

Where will this SWMP will be kept? (a copy should be kept onsite)

- 1) Electronic document Online Portal
- 2) Paper based document

Declaration statement: The Client and Principal contractor will take reasonable steps to ensure waste duty of care is complied with, materials are handled efficiently and waste is managed appropriately.

Tick box to agree: ☒

Client signature:

Print name:

Date:

Contractor signature:

Print name:

Date:

Waste minimisation decisions

Type of waste minimisation decision	Waste minimisation decision taken	At what RIBA plan of works stage has this been considered	By whom	Intended results	Carried out by	Comments	Decision status
Waste Management/Recovery	Powerday contracted for all project construction waste. Powerday divert 100% of C&D waste from landfill.	Manufacturing and Construction	Ardmore Construction Ltd	>80% landfill diversion (by weight) ((non-demo waste)) of construction and excavation waste by way of reuse, recycling and recovery	Powerday		✓
Waste Reduction	Manage material efficiency and waste effectively on site.	Manufacturing and Construction	Ardmore Managers and Supply Chain	Achieve target <13.3m ³ /11.1t per 100sqm GIA			✓
Construction methods	Utilise off-site fabrication for precast materials	Manufacturing and Construction		Reduce waste on site.		Off-site manufacturing utilised, but not from dedicated off-site manufacturing facility specifically set up for project and therefore waste generated from this process not included in overall figures.	✓
Demolition methods	No demolition involved in Ardmore Scope	Preparation and Brief	Client				✓
Waste Prevention	Run focus weeks on Waste Prevention/Management etc including inspections, TBTS and other focussed at all project roles from office based (Design etc) to site roles.	Manufacturing and Construction	Ardmore Construction Ltd	Prevent waste generation in first place to achieve 11.1tonne/100m ² target. Where waste unavoidable ensure that highest value management method achieved			✓

Type of waste minimisation decision	Waste minimisation decision taken	At what RIBA plan of works stage has this been considered	By whom	Intended results	Carried out by	Comments	Decision status
				to exceed 80% minimum diversion from landfill.			
Waste Prevention	Work with suppliers to prevent unnecessary packaging waste entering site.	Manufacturing and Construction	Ardmore and Supply Chain	Prevent generation of waste on site.			✓
Other	Appointment of Environmental Coordinator to monitor, measure and report sustainability metrics.	Manufacturing and Construction	Ardmore Construction Ltd	Allow tracking of waste and emissions data against expected figures.			✓
Waste Reduction	Planning and organisation of waste removal	Manufacturing and Construction	Ardmore Construction Ltd	Better housekeeping, responsibility on subcontractors, compaction of waste		Reduce amount of skips.	✓

Forecast of waste types and amounts

Work Package	Subcontractor	Waste type	Waste Sub Type	Estimate amount (m3)	Estimate amount (tonnes)	Likely cause	Notes
Construction		Bricks (17 01 02)		~ 46.7	56.0	Standardised materials	
Construction		Concrete (17 01 01)		~ 56.0	71.1		
Construction		Electrical and electronic equipment (non hazardous) (20 01 36 or 16 02 14)		~ 1.7	0.4		
Construction		Bulky waste / Furniture (20 03 07)		~ 7.9	1.4		
Not specified		Inert (17 01 07)		~ 238.7	296.0		
Not specified		Insulation materials (non hazardous) (17 06 04)		~ 33.3	8.3		
Not specified		Metals (17 04 07)		~ 41.9	17.6		
Not specified		Canteen/Office/Adhoc waste (20 03 01)		~ 170.0	35.7		
Not specified		Packaging materials (15 01 06)		~ 94.6	19.9		
Not specified		Timber (17 02 01)		~ 196.5	66.8		
Not specified		Plasterboard / Gypsum (17 08 02)		~ 31.9	10.5		
Not specified		Plastic (excluding packaging waste) (17 02 03)		~ 10.7	2.5		
Not specified		Floor coverings (soft) (20 01 11)		~ 1.5	0.4		
Not specified		Tiles and Ceramics (17 01 03)		~ 1.2	0.7		
Not specified		Other waste		~ 202.2	42.5		
Not specified		Liquids (16 10 02)		~ 0.6	0.5		
Not specified		Bituminous mixtures (non hazardous e.g. asphalt) (17 03 02)		~ 8.4	6.9		
Not specified		Mixed construction and/or demolition waste (17 09 04)		~ 1,134.8	363.1		
Total				2,278.4	1,000.3		

[illegible]

[illegible]

Duty of care

Waste Management Contractor Name	Waste carrier license number	Issue date	Expiry date	Waste Transfer notes storage location
POWERDAY PLC	CBDU123332	7/9/2022	12/9/2025	
Waste site name		Recycling rates added		
		generic	product specific	
Brixton Waste In		✓	✓	
Canning Town Waste In		✓	✓	
Enfield Waste In		✓	✓	
Heathrow Waste In		✓	✓	
Old Oak Sidings CoSHH In		✓	✓	
Old Oak Sidings Waste In		✓	✓	
Wimbledon Waste In		✓	✓	

Please note, there is no longer a requirement for any premises in England to register with the Environment Agency, even if they produce or store over 500kg of hazardous waste per year.

Have you registered with Natural Resources Wales (NRW) as a hazardous waste producer?

If so, please provide your hazardous waste registration number:

Date of issue: Date of expiry:

Training / Communication

Training

Everyone on site should receive relevant training which should include:

- The SWMP
- Roles and responsibilities
- Waste procedures on site
- Hazardous waste
- Duty of care / responsibilities
- Materials storage.

The following types of training are being undertaken:

Induction : 

Tool box talks : 

Workshops :

Other :

The training log is kept at:

This table can also be used as a training log

Name	Company	Date	Who trained by	Type of training	Date next training due
------	---------	------	----------------	------------------	------------------------

Communication

The plan is being communicated by:

Meetings : 

Posters : 

Feedback from staff :

other, please state :

Waste Data

If you have entered any waste data then it will be summarised below.

Tonnage		
Total waste generated to date		4,638.7 t
Percentage segregated		0%
Project - waste per 100m ² of floor area (t /100m ²)		20.8
Project - waste per £100K of project cost (t /£100K)		-
Reused on site		0.0 t
Reused off site		0.0 t
Total reused	0.0 t	0.0%
Recycled on site		0.0 t
Recycled off site		86.7 t
Total recycled	86.7 t	1.9%
Recovered on site		0.0 t
Total recovered off site at licensed facilities		3,651.3 t
Total recovered	3,651.3 t	78.7%
Energy Recovered on site		0.0 t
Total Energy recovered off site at licensed facilities		790.4 t
Total Energy recovered	790.4 t	17.0%
Disposed off site		0.0 t
Disposed from licensed facilities		110.3 t
Total disposed	110.3 t	2.4%
Total waste diverted from landfill	4,528.4 t	97.6%

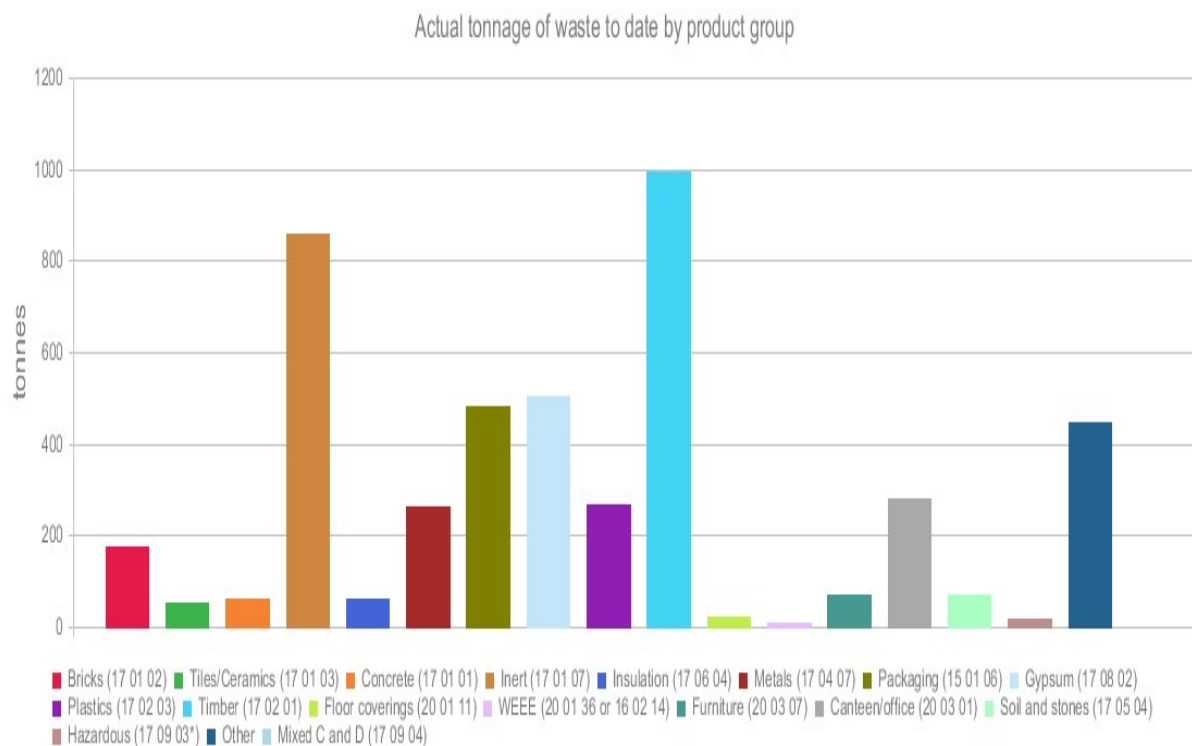
Waste types and routes

Project Performance	Tonnage	Mixed	Segregated	Waste management routes percentages					tonnes/100m ²	tonnes /£1M
	(tonnes)	(%)	(%)	Reuse	Recovery	Recycle	Disposal	Energy Recovery		
Bricks (17 01 02)	176.54	100	0	0	96	3	0	1	0.8	-
Tiles and Ceramics (17 01 03)	50.64	100	0	0	100	0	0	0	0.2	-
Concrete (17 01 01)	61.94	100	0	0	85	15	0	0	0.3	-
Inert (17 01 07)	859.66	100	0	0	92	8	0	0	3.9	-
Insulation materials (non hazardous) (17 06 04)	60.53	100	0	0	24	0	0	76	0.3	-
Metals (17 04 07)	263.74	100	0	0	98	0	0	2	1.2	-
Packaging materials (15 01 06)	480.45	100	0	0	59	0	0	41	2.2	-
Plasterboard / Gypsum (17 08 02)	503.62	100	0	0	100	0	0	0	2.3	-
Binders (17 01 01)	0.00	0	100	-	-	-	-	-	0.0	-
Plastic (excluding packaging waste) (17 02 03)	268.45	100	0	0	99	0	0	1	1.2	-
Timber (17 02 01)	996.28	100	0	0	82	0	0	18	4.5	-
Floor coverings (soft) (20 01 11)	21.74	100	0	0	0	1	0	99	0.1	-
Electrical and electronic equipment (non hazardous) (20 01 36 or 16 02 14)	10.48	100	0	0	100	0	0	0	0.0	-
Bulky waste / Furniture (20 03 07)	68.71	100	0	0	49	0	0	51	0.3	-
Canteen/Office/Adhoc waste (20 03 01)	281.50	100	0	0	0	0	0	100	1.3	-
Liquids (16 10 02)	0.00	0	100	-	-	-	-	-	0.0	-
Waste paint & varnish (non-hazardous) (08 01 12)	0.00	0	100	-	-	-	-	-	0.0	-
Oils (13 01 13*)	0.00	0	100	-	-	-	-	-	0.0	-
Soil and stones other than those mentioned in 17 05 03 (17 05 04)	69.64	100	0	0	92	8	0	0	0.3	-

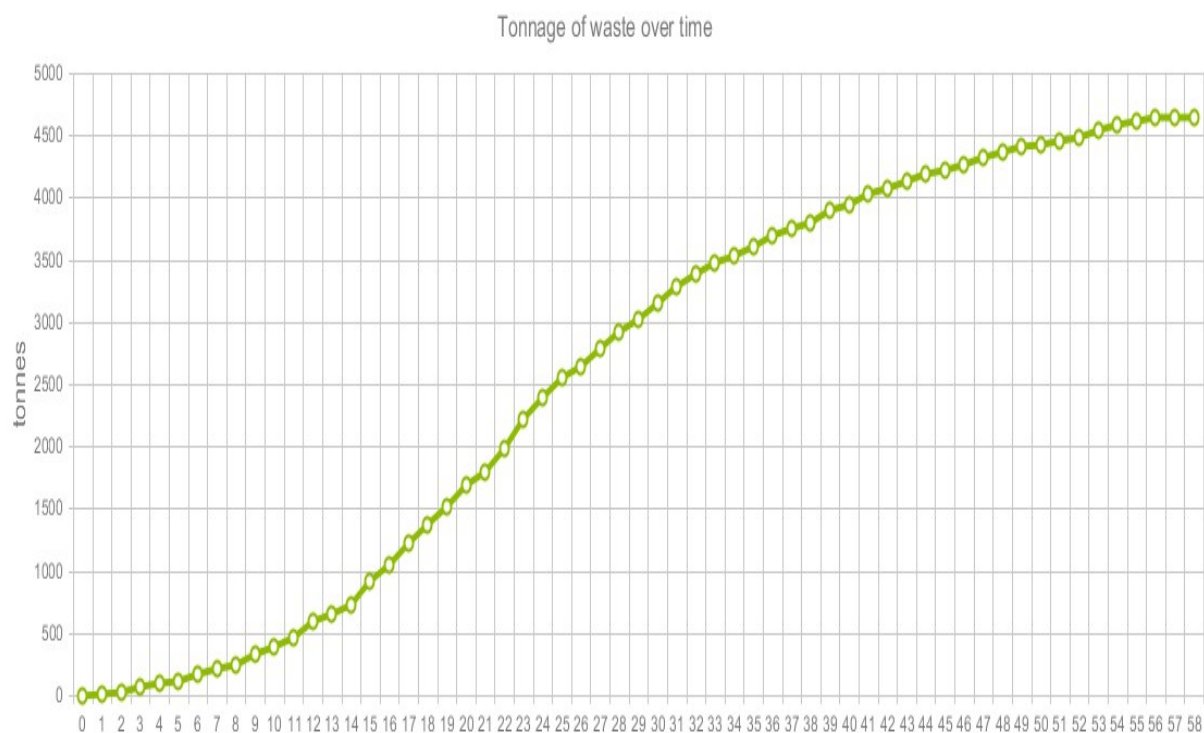
Project Performance	Tonnage	Mixed	Segregated	Waste management routes percentages					tonnes/100m ²	tonnes/£1M
	(tonnes)	(%)	(%)	Reuse	Recovery	Recycle	Disposal	Energy Recovery		
Bituminous mixtures (non hazardous e.g. asphalt) (17 03 02)	0.00	0	100	-	-	-	-	-	0.0	-
Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation) (19 02)	0.00	0	100	-	-	-	-	-	0.0	-
Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified (19 12)	0.00	0	100	-	-	-	-	-	0.0	-
Wastes from soil and groundwater remediation (19 13)	0.00	0	100	-	-	-	-	-	0.0	-
Hazardous waste*	16.83	100	0	0	99	0	0	1	0.1	-
Other waste	447.95	100	0	0	71	0	25	4	2.0	-
Mixed construction and/or demolition waste (17 09 04)	0.00	100	0	0	0	0	100	0	0.0	-

Summary Charts

Actual tonnage of waste to date by product group

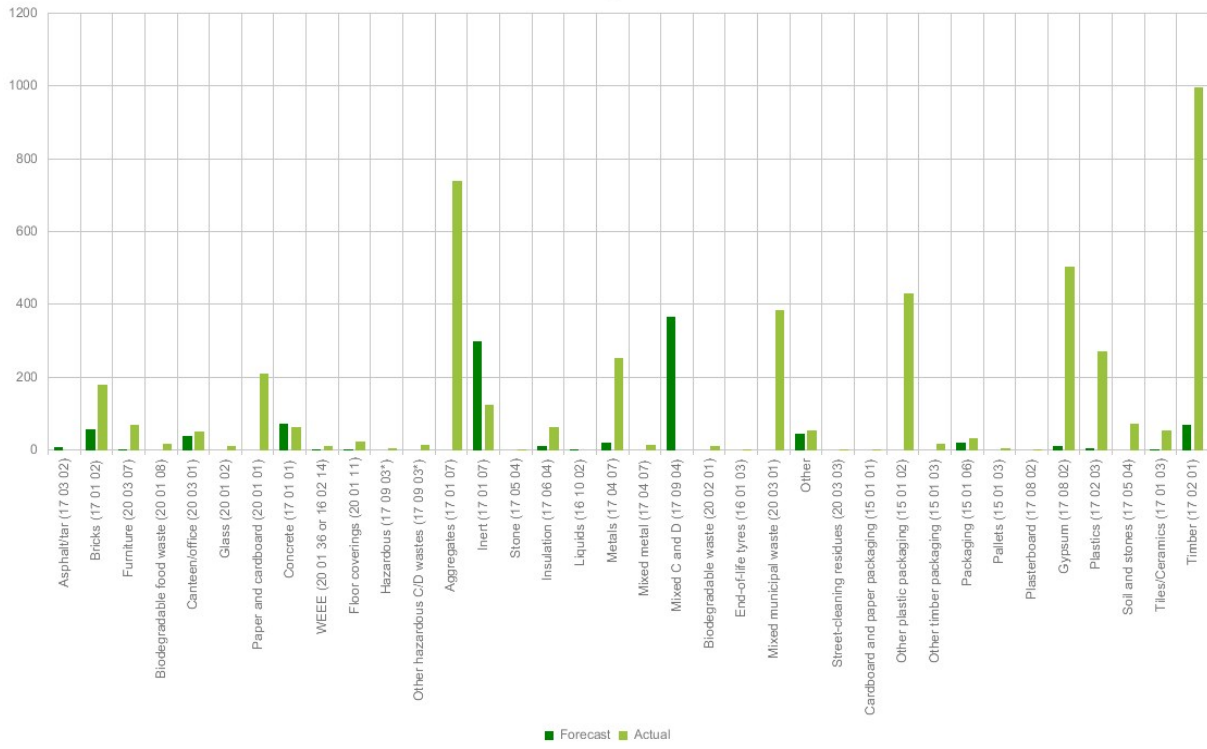


Tonnage of waste over time



SWMP Actual Volume Vs Forecast Chart

SWMP Actual Tonnage Vs Forecast Chart



Current actual waste quantities versus forecasted quantities

Waste type	Waste Sub Type	Forecast quantity (tonnes)	Actual (tonnes)	Difference	% Difference
Bituminous mixtures (non hazardous e.g. asphalt) (17 03 02)		6.9	0.0	6.88	-100.0
Bricks (17 01 02)		56.0	176.5	-120.54	215.24
Bulky waste / Furniture (20 03 07)		1.4	68.7	-67.28	4711.48
Canteen/Office/Adhoc waste (20 03 01)	Biodegradable kitchen and canteen waste (20 01 08)	0.0	14.9	-14.94	-
Canteen/Office/Adhoc waste (20 03 01)		35.7	49.3	-13.65	38.23
Canteen/Office/Adhoc waste (20 03 01)	Glass (20 01 02)	0.0	9.7	-9.71	-
Canteen/Office/Adhoc waste (20 03 01)	Paper and cardboard (20 01 01)	0.0	207.5	-207.5	-
Concrete (17 01 01)		71.1	61.9	9.19	-12.93
Electrical and electronic equipment (non hazardous) (20 01 36 or 16 02 14)		0.4	10.5	-10.06	2396.19
Floor coverings (soft) (20 01 11)		0.4	21.7	-21.34	5336.25
Hazardous waste*		0.0	4.2	-4.16	-
Hazardous waste*	Other C&D wastes containing dangerous substances (17 09 03*)	0.0	12.7	-12.67	-
Inert (17 01 07)	Aggregates (17 01 07)	0.0	737.5	-737.48	-
Inert (17 01 07)		296.0	121.4	174.59	-58.98
Inert (17 01 07)	Stone (17 05 04)	0.0	0.8	-0.78	-
Insulation materials (non hazardous) (17 06 04)		8.3	60.5	-52.2	626.61
Liquids (16 10 02)		0.5	0.0	0.53	-100.0
Metals (17 04 07)		17.6	251.9	-234.27	1331.09
Metals (17 04 07)	Mixed metal (17 04 07)	0.0	11.9	-11.87	-
Mixed construction and/or demolition waste (17 09 04)		363.1	0.0	363.15	-100.0
Other waste	Biodegradable waste (20 02 01)	0.0	10.5	-10.47	-
Other waste	End-of-life tyres (16 01 03)	0.0	0.0	-0.04	-
Other waste	Mixed municipal waste (20 03 01)	0.0	383.7	-383.68	-

Waste type	Waste Sub Type	Forecast quantity (tonnes)	Actual (tonnes)	Difference	% Difference
Other waste		42.5	53.2	-10.7	25.19
Other waste	Street-cleaning residues (20 03 03)	0.0	0.6	-0.61	-
Packaging materials (15 01 06)	Cardboard and paper packaging (15 01 01)	0.0	0.8	-0.79	-
Packaging materials (15 01 06)	Other plastic packaging (15 01 02)	0.0	428.7	-428.74	-
Packaging materials (15 01 06)	Other timber packaging (15 01 03)	0.0	16.6	-16.56	-
Packaging materials (15 01 06)		19.9	30.3	-10.4	52.35
Packaging materials (15 01 06)	Pallets (15 01 03)	0.0	4.1	-4.1	-
Plasterboard / Gypsum (17 08 02)	Plasterboard (17 08 02)	0.0	0.6	-0.6	-
Plasterboard / Gypsum (17 08 02)		10.5	503.0	-492.5	4681.53
Plastic (excluding packaging waste) (17 02 03)		2.5	268.5	-266.0	10857.31
Soil and stones other than those mentioned in 17 05 03 (17 05 04)		0.0	69.6	-69.64	-
Tiles and Ceramics (17 01 03)		0.7	50.6	-49.96	7346.62
Timber (17 02 01)		66.8	996.3	-929.48	1391.44
		Forecast %	Actual %		
Reuse		0	0.0		
Direct recycle		0	1.9		
Recovery		0	78.7		
Energy Recovery		0	17.0		
Landfilled/Disposal		0	2.4		

Ongoing review of implementation

This table logs any changes that may have been made to the SWMP.
Snapshots captured (Can be viewed in SmartWaste)

Date	Name	Summary/ Actions carried out
------	------	------------------------------

Completion review

This section must be filled in within 3 months of the work being completed on this project (i.e. project finish):

We confirm that the plan has been monitored on a regular basis to ensure that work was progressing to the plan and the plan was updated: 

Signature

Print name

Date

This stage is designed to help you evaluate the success of your SWMP, and to identify key 'lessons learnt' to use on your future project, it is helping you strive for continual improvement.

Please review how successful you believe the implementation of the SWMP was:

Lack of success attributed to no designated resource for implementation and ownership of SWMP.

Please explain any deviation from the original plan:

Estimate of cost savings achieved: £0

Action planned for next project:

Please provide a comparison of the estimated quantities of each waste type against the actual quantities.

If you have used SmartWaste for measuring waste on this project, the data supplied in step 9 will help with this)

Snapshot of Actual versus Forecast waste on 13/9/2024

Provide snapshot of Actual versus Forecast waste by the snapshot button

Confirmation (within 3 months)

Confirmation (within 3 months) : 

Signature

Print name

Date

This plan should be kept at either the principal contractor's place of business or at the site of the project for 2 years

Appendix

Appendix 1: Cost data

Cost data is summarised below

Summary information

Total cost of waste removal	£0.00
Waste cost/£100K	£0.00
Waste cost/100m ²	£0.00
Waste cost as % of project cost	0.0%
Waste cost/tonne	£0.00

Waste types and routes

Cost of non-hazardous waste / tonne	£0.00
Cost of inert waste / tonne	£0.00
Cost of hazardous waste / tonne	£0.00
Hazardous waste removal cost as a % of total waste removal cost	0%
Segregated waste removal cost as a % of total waste removal cost	0%
Mixed waste removal cost as a % of total waste removal cost	0%
Inert waste removal cost as a % of total waste removal cost	0%
Active waste removal cost as a % of total waste removal cost	0%

Appendix 2: Subcontractors

Appendix 3: Users

- Georgi Dinchev
- Hornsey Town Hall

