

SITE WASTE MANAGEMENT PLAN

21135

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SWMP - 4102

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V2

Prepared By:

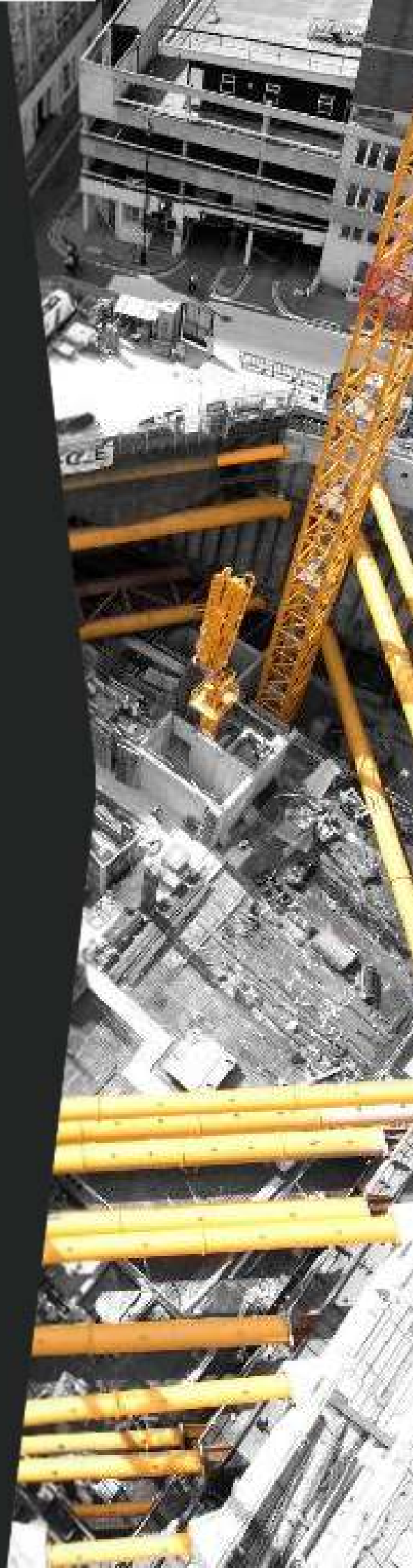
Amy Wilkinson

Approved By

Tamil Uddin

Date:

07/01/2022



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Document Control

Version No	Prepared by	Revised by	Date	Approval by	Date
V1	A Wilkinson	-	07/01/22	T Uddin	07/01/22
V2	-	T Uddin	10/01/22	C Wedgwood	10/01/22

Amendment History

Version No	Date	Section/s Amended	Amendment Details
V1	07/01/22	All	Creation of document.
V2	10/01/22	All	Updated doc in new MGHL format.

1. Introduction

This Site Waste Management Guidance and associated plan documents how McGee will implement, manage and monitor all waste associated products arising from works at the 7 Millbank.

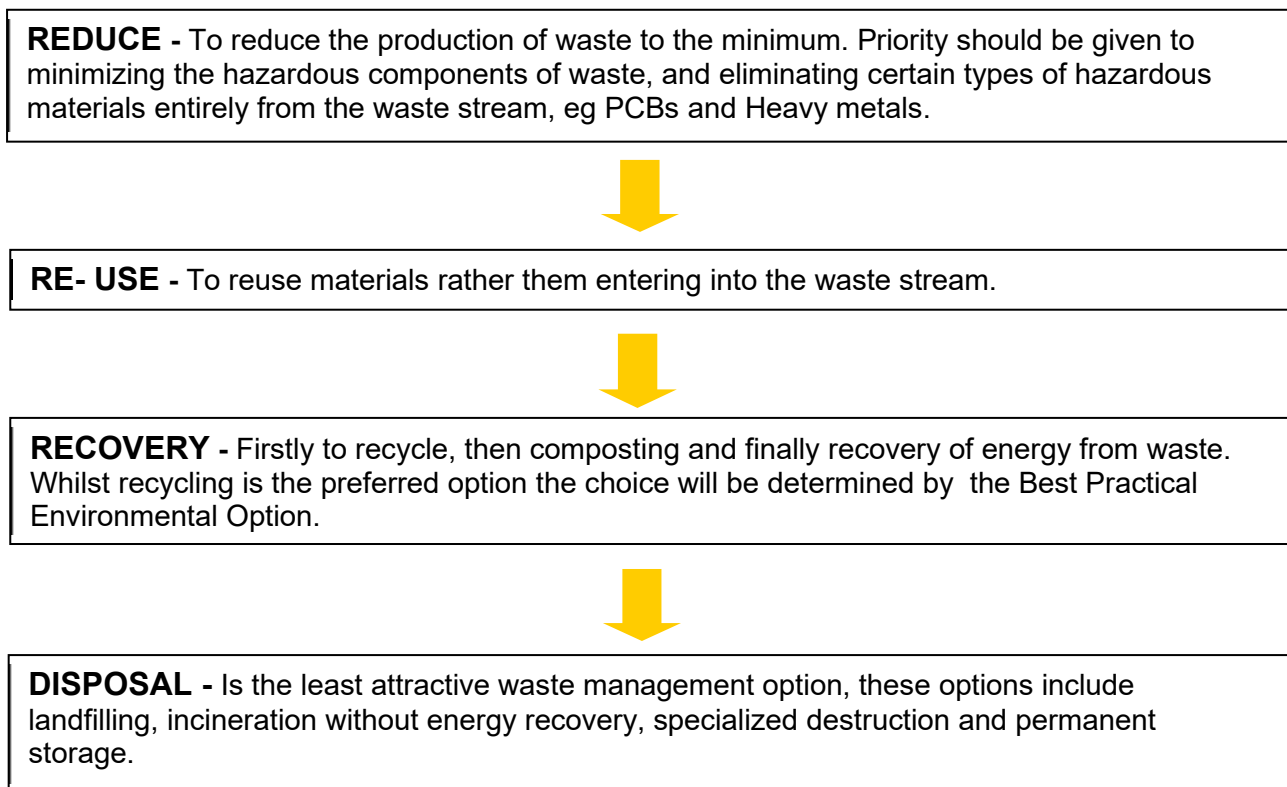
The SWMP, as well as minimising waste, records how waste is disposed, reused, recycled or recovered. Recovery or disposal must be in compliance with the waste management licensing system, the waste duty of care and waste carrier legislation. All waste shall be dealt with in accordance with the waste duty of care in section 34 of the Environmental Protection (Duty of Care) Regulations 1991(4).

In addition to the above the SWMP aims to address two key issues:

- Improving materials resource efficiency;
- Reducing fly-tipping.

Good waste management ensures that any potential value in the waste is realised whilst taking care of the environment. Good waste practice should follow the waste hierarchy. The hierarchy has four levels, providing a framework for decision making and reflecting the environmental and cost issues surrounding waste. McGee Group (Holdings) Limited will adhere to the waste hierarchy to minimise its impact on the environment as shown in **figure 1**

Figure 1 – Waste Hierarchy



2. Site Standards

A high quality controlled waste management system is required on all McGee sites encompassing a comprehensive and appropriate waste recycling scheme, it is hoped that these implemented systems will be both cost effective and progressively more sustainable in environmental terms.

In accordance with relevant guidance and legislation the following protocol shall be adopted on all McGee sites:

- 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. A Schedule of Waste Arisings (Bill of Quantities) will be prepared in accordance with ICE (Institute of Civil Engineers) Demolition Protocol 2008;
- Waste management will be planned at the earliest stage of the Project design (e.g. where to locate mini skips, skips and roll on roll offs as applicable and at which stages of works they will be required);
- Waste re-use and recycling schemes will be considered and implemented at all stages of works;
- 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;
- All waste from the site shall be dealt with in accordance with the waste duty of care in section 34 of the Environmental Protection (Duty of Care) Regulations 1991(4).

3. Site Management Team

The Project Management team shall continuous implementation of the SWMP at all times to ensure it remains an effective and accurate tool.

To ensure all aspects of this SWMP are complied with, regular checks shall be made by the Project Environmental Manager during regular inspection processes.

The Project Management Team shall also ensure that MGH employees and subcontractors are provided with appropriate training such as tool box talks including environmental awareness to demonstrate appropriate levels of communication and training to all personnel.

Individual responsibilities are detailed below:

3.1. Commercial Director

The Commercial Director is responsible for Considering effective waste management through contractual arrangements with sub-contractors and procurement

3.2. Contracts / Project Manager

The Contracts and Project Managers are responsible for:

- Considering effective waste elimination and reduction through design and specification, please see Schedule of Waste Arisings (Appendix 1);
- Considering effective waste management through segregation and recycling;
- Updating and managing the SWMP;

3.3. Project Environmental Manager

The PEM is responsible for Implementation and monitoring of the SWMP.

4. Waste Management

The Project Management Team shall ensure that waste management activities during on-site demolition activities are effectively managed by addressing:

- Waste minimisation;
- Waste management documentation and monitoring, certificate and licenses;
- Waste identification, storage and handling;
- Waste performance, monitoring and reporting.

4.1. Waste Minimisation

Waste minimisation means reducing the amount and environmental impact of waste generated, this may be achieved through the following.

- Identify unknown wastes by location, description, sampling and chemical analysis;
- Bricks, rubble and concrete will be crushed for use as hardcore 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 as required under “duty of care”;
- Order the correct amounts of materials;
- Prevent damage of materials during delivery;
- Dispose of different waste in the correct container.

4.2. Waste Management Documentation and Monitoring

The Project Management team shall ensure that legislatively required waste management documentation is either reviewed and / or verified so as to assure regulatory compliance by:

- Registering the site as a hazardous waste producer, if appropriate;
- Confirming that the waste carrier is registered to remove the waste via accessing the Environment Agency’s public register database (<http://www2.environment-agency.gov.uk/epr/search.asp?type=register>);
- Confirming that a broker is registered, if a broker is used for the management of waste removal from site, via accessing the Environment Agency’s public register database (<http://www2.environment-agency.gov.uk/epr/search.asp?type=register>);
- Checking with the waste carrier where the waste is to be taken and making sure that the destination is authorised to receive it i.e., obtaining a full copy of the waste management licence or exemption;
- All material disposal operations shall be recorded in the BRE-Smartwaste Plan which describes the date classification, haulier, vehicle registration and tip details;
- Ensuring that a waste transfer note is completed for the removal of all wastes from site and that it includes:
 - What the waste is, how much there is and its 6-digit European Waste Catalogue code;
 - What sort of container it is in;
 - The time, date and place from where the waste was transferred;

- The names and addresses of both parties involved in the transfer;
- Details of which category of authorized person each one is e.g., producer, waste carrier, waste broker, waste license holder;
- If either of the persons is a registered waste carrier, the certificate number of the registration;
- If either of the persons has a waste management license, the license number of the facility.
- 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 or on the MGL Livelink data management system and may be inspected by the Client or appointed representative at any time.

4.3. Waste Identification, Storage and Handling

The Project Management team shall ensure that all wastes produced on site are appropriately stored. Appropriate waste labels, using the national colour coding system, shall be used as applicable for each waste category.

Different wastes streams shall be segregated using different containers, where space permits; however, as a minimum skips / containers for hazardous and non-hazardous wastes should be provided. If space for the provision of multiple skips is limited, consideration should be given to the use of a licensed waste management company who may be able to recover recyclable materials from mixed skips.

- All skips provided shall:
 - Prevent spillages or leakages;
 - Be corrosive resistant (to the weather elements);
 - Prevent materials from being blown away; and
 - Prevent scavaging 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);
- Redundant concrete foundations, paving etc will be crushed on site. This fill will be re-used for the piling matt.

Subcontractors are responsible for putting segregated waste into the skips/bins provided. All bins will be labeled as necessary. The storage of Materials onsite for potential reuse will be at appointed locations.

All hazardous waste shall be removed by a Licensed Sub contractor. Enclosed locked drums or skips will be used for the collection of hazardous wastes. A licensed hazardous waste carrier will collect the wastes to ensure legal disposal.

4.4. Waste Performance Monitoring and Reporting

All waste data shall be recorded in the designated BRE Smartwaste Plan an interactive web based tool:

<http://www.smartwaste.co.uk/swmp/login.jsp>

SWMP implementation shall be initiated by the Project Environmental Manager and administrated by the Project Administrator.

Data input shall be co-ordinated as appropriate and the entire SWMP shall be reviewed by the Project Environmental Manager, as a minimum 6 monthly, to ensure compliance and suitability of methods and procedures with a full review conducted at the completion of works.



APPENDIX 1

**SCHEDULE OF WASTE ARISING –
PRE DEMOLITION /CONSTRUCTION AUDIT**

Pre Demolition Audit

Wst01.1: Construction Waste Management: Construction Resource Efficiency

Site Name and Location:	7 Millbank	Project No:	21135		
Start / End Date:	March 2022/ February 2023 (demo phase completion)	Duration:	53	Weeks	
Project Value:	TBC	Status:	Demolition	Pre Construction	Construction
Floor Area / Site Area:	Total floor area approx.. 1800m2 per floor	Project Type:	Demolition		
Author:	A Wilkinson	Date Completed:	February 2023		
Project SIC Code:	43.11	Mobilengine in use?	Yes		
Client:	Baola Properties Ltd.	Principal Contractor:	McGee Group Holdings Ltd		
Project Description					
Further to client requirements, McGee intend to carry out the demolition of 7 Millbank.					
Background (a brief statement of why the building is being demolished)					

Responsibilities

	Name	Position	Company	Contact Details
Responsibility for drafting the SWMP	Amy Wilkinson	Environmental Advisor	McGee Group (Holdings) Ltd	02089981101
Responsibility for implementing the SWMP	Thomas Geraghty	Project Manager	McGee Group (Holdings) Ltd	02089981101
Overall responsibility for Health Safety and Environment	Nick Wing	Director of Health & Safety	McGee Group (Holdings) Ltd	02089981101

Forecast

Please Note: text in green/orange is for reference only, please amend as per project specifics.

Activity	Waste Type	EWC	Collection Method	Tonnes	DRI – Good or Best Practice	Demolition Recovered Material Potential - Tonnes	Waste Hierarchy: Reduce, Reuse, Recycle
Demolition	Mixed Metals	17.04.07	4 x 40 yard bins	28	100%	28	100% Recycle
	Concrete	17.01.01	473 x 8 Wheel tipper	8513	100%	8513	100% Recycle
	Mixed Construction & Demolition Wastes	17 09 04	8 x 40 yard bins	58	95%	56.84	98% Recovery, 2% Landfill
	Timber	17 02 01	30 X 40 yard bins	235	100%	235	100% Recycle
	Inert/ Hardcore	17.01.07	163 x 8 Wheel tipper	1307	100%	1307	70% Recycle; 30% Recovery
	Tiles and Ceramics	17.01.03	10 x 40 yard bins	80	100%	80	100% Recycle
	Floor coverings (soft)	20.01.11	4 x 40 yard bins	35	100%	35	60% Reuse; 40% Recycle/ Recovery
	Gypsum	17.08.02	19 x 40 yard bins	152	100%	152	95% Recycle; 5% Recover
	Furniture	20.03.07	4 x 40 yard bins	35	100%	35	70% Reuse/ Recycle; 30% Recovery
	Glass	17.02.02	16 x 40 yard bins	125	100%	125	100% Recycle
	Plastic (excluding packaging waste)	02.01.04	4 x 40 yard bins	28	100%	28	70% Recycle; 30% Recovery
	Cable	17.04.11	1 x 40 yard bins	11	100%	11	70% Recycle; 30% Recovery
Discarded equipment and machinery (non-haz)	16 02 14	31 x 40 yard bins	248	100%	248	70% Recycle; 30% Recovery	
Hazardous	Asbestos	17.06.05*/01*	McGee Environmental Services Ltd	TBC	100%	0	100% Landfill
Totals				Total – Tonnes (non hazardous)		Total - Tonnes Recovered (non hazardous)	% divert Landfill = 99.9%
				10,855		10,854	% to landfill = 0.1%

Material	Standard DRI %	Good Practice DRI %	Best Practice DRI %
Concrete	75	95	100
Ceramics (e.g. masonry such as bricks)	75	85	100
Metals	95	100	100
Timber	57	90	95
Inert	75	95	100

Duty of Care Register

Waste Management Contractor Name	Waste Management Contractor Address	Waste Management Service Provided (carrier/broker/transfer facility/material processing)	Waste Carrier License Number and Expiry	Waste Management License Number	Average Recovery Rate	Waste Streams EWC
X-Bert Haulage (Glynns) Tumbledown Recycling Centre	Unit 6, Neasden Goods Yard, Neasden, London, NW10 2UG	Carrier / Transfer station	CB/DU140814 13/11/2022	ZP3497NS/V002	95%	Mixed Waste 17.09.04
McGee Group Ltd	340-342 Athlon Road, Wembley, HA0 1BX	Carrier	CB/DU51912 10/01/2025	N/A	N/A	N/A
EMR - Brentford	Private Sidings, Transport Avenue, Brentford, Middlesex, TW8 9HA	Recycling	N/A	YP3091NU/V002	100%	Metals 17.04.07 / 17.04.05 / 17.04.11
EMR - Canning Town	29, Bidder Street, Canning Town, London, E16 4SZ	Recycling	N/A	QP3796NY/V002	100%	Metals 17.04.07 / 17.04.05 / 17.04.11
EMR - Scrubbs Lane	106, Scrubs Lane, Willesden, London, NW10 6QY	Recycling	N/A	FB3205MK/V002	100%	Metals 17.04.07 / 17.04.05 / 17.04.11
EMR - Wandsworth	Private Sidings, Pensbury Place, Wandsworth, London, SW8 4TR	Recycling	N/A	RP3890EL/V003	100%	Metals 17.04.07 / 17.04.05 / 17.04.11
Paramount	Royal Naval Place, Amersham Vale, New Cross, SE14 6LE	Carrier	CB/DU123027 08/08/2022	06308031	N/A	-
Downe Barns Farm	West End Road, Northolt, Hillingdon, UB5 6RB	Reuse	N/A	EPR/NP3599VM	100%	Inert / concrete / soils / bricks / bentonite clay 17.01.07 / 17.05.04

						/ 17.01.01 / 17.01.02
Ingrebourne Links	Rainham, Essex, RM13 9ED	Recycling	NA	LP3995VS/A001	100%	Inert 17.01.07
RMS- Silvertown	Sunshine Wharf, Bradfield Road, E16 2AX	Recycling	CB/DU149396 09/01/2023	KB3136AM/V004	100%	Concrete / inert / soils 17.01.01 / 17.01.07 / 17.05.04
B.D Haulage	Rockware Avenue, Greenford, UB6 0AA	Carrier	CBDU107693 12/05/2022	N/A	-	-
Westminster Waste	34 – 40 Verney Road, London, SE16 3DH	Transfer Station	CB/DU143849 28/12/2022	EB3505LC/V003	98%	Mixed Waste 17.09.04
B.F.A Recycling	New Years Green Lane, Harefield, UB9 6LX	Recycling	N/A	EB3931RY/A001	100%	Metals 17.04.07 / 17.04.05 / 17.04.11
Dafcon	35 Croft Gardens, Ruislip, HA4 8EY	Carrier	CB/DU137488 25/10/2022	N/A	N/A	N/A
Henry Streeter – Harleyford Sipson	Sipson Lane, Off Sipson Road, Sipson, West Drayton, Middlesex, UB7 0JG	Recycling	N/A	TP3597NJ/V003	100%	Concrete / inert / soils 17.01.01 / 17.01.07 / 17.05.04
Ingrebourne Valley Limited – Orsett Quarry	Buckingham Hill Road, Stanford-le- hope, Essex, SS17 0PP	Recycling	N/A	DB3102UX/A001	100%	Soils 17.05.04
Brett - Hithermoor	Leylands Lane, Stanwell Moor, Stanwell, Surrey, TW19 6AZ	Recycling	N/A	CB3736RB/A001	100%	Concrete / inert / soils 17.01.01 / 17.01.07 / 17.05.04
Glynns – Skips	Unit 6 Neasden Goods Yard	Carrier	CBDU140814 13/11/2022	N/A	NA	Inert/ Mixed Waste/ Metal/ Timber 17.01.07/ 17.09.04/

	Neasden Lane Neasden, London, NW10 2UG					17.04.05/ 17.02.01
Mick George	St John's Innovation Park, Cowley Rd, Milton, Cambridge, CB4 0WZ	Carrier	CBDU87105 28/02/2022	N/A	N/A	-

An aerial photograph of a city skyline, likely London, featuring a river (the River Thames) and a large Ferris wheel (the London Eye) in the foreground. The city is densely packed with buildings of various heights and styles, including modern skyscrapers and older, more traditional architecture. The sky is clear and blue.

APPENDIX 2

**SITE WASTE MANAGEMENT PLAN
(BRE SMARTWASTE PLAN)**

(TO BE INCLUDED AT A LATER DATE)

MCGEE GROUP (HOLDINGS) LIMITED

Unit 8 Wharfside, Rosemont Road,

Wembley, HA0 4PE

T: +44 (0) 20 8998 1101

F: +44 (0) 20 8997 7689

E: mail@mcgee.co.uk

www.mcgee.co.uk

