Site Waste Management Plan

F3 Architects

for

807 High Road

807 High Road, London, N17 8ER

10 March 2020

A SitePlan SRMP Guidance Notes

The following notes explain the methodology behind SitePlan and are designed to be an introduction to our SRMP.

General Notes

- All waste quantities in SitePlan are measured in Tonnes.

- Where BREEAM credits are calculated per 100sq M of floor area, this refers to the Wst01 credit.

1. Project information and responsibilities

This section is an overview of the project and details all the main information and the persons responsible for each element.

This will list:-

- The principal contractor, client, project manager and site manager.

- A description of the construction works along with the **floor area in m², project cost** and construction type.

- The location of the project, the start date, estimated end date, who will be responsible for implementing the SWMP and who will be the waste champion.

2. Resource Minimisation Opportunities

This is a list of all the waste minimisation statements detailing how the production of waste from the project will be minimised.

3. Forecasts of Resource Usage

This section is where the forecasting of how much waste will be produced by the project during demolition, groundworks and construction is recorded.

The automated forecast data generated by SitePlan is based on **project type and floor area** and is calculated from many previous projects.

This section will indicate whether the targeted BREEAM credits for Wst01 are likely to be achieved and must be monitored regularly. This is an automated calculation for the ease of both the user and the Assessor.

4. Waste Hierarchy Routes

This section is a table with a breakdown of each of the waste types per project phase and displays the percentages for Reduce, Reuse, Recycle, Recover and Dispose for each waste stream. This table also shows if the waste is managed on or off site.

This table includes all waste types accepted by a disposal site and should include those relevant to the project.

5. Duty of Care Compliance Checks

This section ensures that Duty of Care responsibilities are satisfied. All waste contractors removing waste from site **MUST** be logged in this section, or waste data cannot be uploaded into the project.

All waste contractors must have a valid, up to date Waste Carrier's Licence and the transfer station being used must have the relevant Permits and Licences for the waste being received.

SitePlan includes an updated database of waste contractors and waste transfer stations and is regularly checked against the Environment Agency Public Registers. No waste carriers or disposal sites are in the SitePlan database unless they have been checked against these Registers.

When a waste transfer station is selected the type of waste that can be received, together with the recycling rates for that waste stream are displayed.

Users of SitePlan are reminded that all Waste Transfer Notes(WTNs) must be retained for two years. In addition, even if no hazardous waste is forecast, it should be made clear that any hazardous waste will be stored separately from non-hazardous waste and also from other hazardous waste streams. In addition, all hazardous waste Consignment Notes will be kept for at least three years.

If a Water Discharge Permit is required, this is the section where it can also be included.

6. Training and Communicating the SWMP on Site

This section identifies any SWMP Training / Communications that will be implemented for the project.

To help with the implementation of the SWMP there are downloadable resources in this section including:

- Induction sample

- EWC Code toolbox talks

- Posters and signage

- Subcontractor agreement sample

- Waste contractor agreement sample

7. Resource Data

This section displays the overall summary for the waste data uploaded (the Waste Arisings) for the project.

As data is added it will feed into the totals for the project and update the company graphs.

This section shows the total waste generated up to the last waste entry onto SitePlan, the total waste per 100m² of project floor area (Tonnes per 100m²), the total waste per £100k of project cost (Tonnes per £100k), the Reuse / Recycle totals and the overall percentages of each.

In addition, the total waste disposed and the total diverted from landfill (as both a weight in Tonnes and as a percentage of the total waste produced) are shown.

Also, a graph is generated showing totals of waste produced by waste stream and a table is generated showing the current actual quantities versus forecasted quantities.

If the waste, water and carbon box has been ticked on the Project Overview page a table with water meter readings that have been uploaded will be displayed in this section, together with graphs showing actual tonnages of carbon used for electricity, waste collection mileage and staff and visitor mileages for each month.

8. Ongoing Review

This section is the Audit Trail for the Plan, automatically detailing what actions were carried out when and by whom. This data / information cannot be amended or altered by a user.

9. Project Completion Review

This section is completed after the project has finished and the last waste data entry has been uploaded.

This section shows the 'Lessons Learnt' for the project by comparing the forecasted data against the actuals.

The calculation for Tonnes of waste produced per 100m² of Floor Area details the number of BREEAM Wst01 credits achieved.

The Costs and Benefits section compares the predicted and actual waste disposal costs for the project to assist with future tenders and waste disposal / resource budgeting.

The Appendices

Appendix 1. Copies of Waste Licence(s) and Environment Agency Check(s)

This section is where all the licence(s) for each waste contractor and waste transfer station are shown. Each contractor and transfer station has been checked against the Environment Agency register before being added to the SitePlan database.

Appendix 2. Site Inspection Reports

This section accommodates the storing of any SWMP Site Inspection reports in the hard copy site folder.

Appendix 3. Sub-Contractor Agreements

In the hard copy site folder, this is where the agreements with sub-contractors removing their own waste may be filed.

Appendix 4. Waste Data Lists

In the hard copy site folder this section is used to file the waste reports for the project.

Appendix 5. Waste Transfer Notes (WTN)

This section of the hard copy site folder is where the actual Waste Transfer Notes are filed.

Appendix 6. Site Floor Drawing

This is where the site plan layout is filed in the hard copy site folder. It denotes the location of waste disposal 'areas' or containers and their allocated waste stream usage, with colour coding of labels. It also denotes site security information, such as fences and lockable gates to prevent inward fly tipping.

Appendix 7. Waste Actuals

This section is a record of all the Waste Transfer Notes that have been uploaded into SitePlan for this project.

Should you have further questions or comments, WPS Compliance Consulting (the authors of SitePlan) can be contacted on 01604 859961, or at info@wpsccltd.co.uk

Please Note

The Waste Minimisation Statements, Waste Hierarchy routes and Recycling rates specified in this report address the waste management criteria set out in the Mayor of London Sustainable Design and Construction SPG (April 2014), and Haringey's Development Management Policy DM4.

Contents

1. Project information and responsibilities

Project name	807 High Road
Project ref.	190411
Principal Contractor	TBC
Client	Tottenham Hotspur Football and Athletic Club Ltd. (THFC) Lilywhite House 782 High Road London N17 0BX
Project Manager	TBC
Site manager	TBC
Description of construction works	Existing Structures and foundations to be demolished and new build to be developed as per plans, to include 2 Commercial units with Parking space & 9 residential apartment blocks with raised courtyard as communal amenity space
Project floor area	1325.00 sq.m.
Construction type (i.e. masonry, timber?)	Steel Frame
Location	807 High Road, London, N17 8ER
Estimated project cost	£ 1900000.00
Project timescales	Start date:01 June 2020 End date:28 May 2021
Who is responsible for drafting the SWMP	TBC
Who is responsible for implementing the SWMP	TBC
Will there be a waste champion on site? If so, please identify the individual	TBC
Where will the SWMP be kept?	In the site office and online @ www.siteplan.online
Project classification	Residential: Houses/Flats/Apartments

Declaration statement:
The Client and Principal Contractor will take reasonable steps to ensure that-
(a) all waste from the site is dealt with in accordance with the waste duty of care in section 34 of the Environmental Protection Act 1990 and the Environmental Protection (Duty of Care) regulations 1991; and
(b) materials will be handled efficiently and waste managed appropriately.

☑ Tick box to agree

Client signature:	Print name:	Date:
Principal Contractor signature:	Print name:	Date:

2. Waste Minimisation opportunities

Minimisation Type	Decision Type	Waste Minimisation Decision Taken	By Whom	Intended Results
Waste	Demolition Method	To segregate waste on site where possible, as directed by the Pre-demolition Audit.	Principal Contractor	To increase recycling rates and promote reuse
Waste	Materials	Store materials undercover where possible	Principal Contractor	Reduce waste and materials needed on site
Waste	Materials	Retain materials in packaging until required	Principal Contractor	Reduce waste and materials needed on site
Waste	Construction Method	To segregate metal waste on site	Principal Contractor	To increase recycling rates for this material
Waste	Construction Method	To segregate Concrete waste on site	Principal Contractor	To increase recycling rates for this material
Waste	Design	Incorporate pre-fabricated elements in the design wherever possible to do so	Designer	Reduce waste and materials needed on site

3. Forecast of waste types and amounts

Waste Forecasts

Work Package	Type of Waste	Estimate amount (tonnes)
Demolition	Asbestos (17 06 05)	0.70
Demolition	Inert (17 01 07)	400.00
Demolition	Mixed (17 09 04)	20.00
Construction	Hazardous (17 09 03*)	0.00
Construction	Inert (17 01 07)	65.72
Construction	Mixed (17 09 04)	45.00
Groundworks & Excavation	Hazardous (17 09 03*)	0.00
Groundworks & Excavation	Inert (17 01 07)	250.00
Construction	Concrete (17 01 01)	12.00
Construction	Metals (17 04 07)	1.50
Construction	Bricks (17 01 02)	1.50
Construction	Plastics (17 02 03)	1.80
Construction	Tiles and ceramics (17 01 03)	0.70
Groundworks & Excavation	Mixed (17 09 04)	2.50
Total:		**801.42**

Based on our forecast and our floor area, we are predicting to achieve:

Tonnes per 100 sq.m.	Total Credits for BREEAM
4.72	2

4. Waste Hierarchy Routes

Waste type	Location	Reduce	Reuse	Recycle	Recover	Dispose
Asbestos (17 06 05)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 0 %	0 % 0 %	0 % 100 %
Inert (17 01 07)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 100 %	0 % 0 %	0 % 0 %
Mixed (17 09 04)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 95 %	0 % 0 %	0 % 5 %
Hazardous (17 09 03*)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 0 %	0 % 0 %	0 % 100 %
Inert (17 01 07)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 100 %	0 % 0 %	0 % 0 %
Mixed (17 09 04)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 95 %	0 % 0 %	0 % 5 %
Hazardous (17 09 03*)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 0 %	0 % 0 %	0 % 100 %
Inert (17 01 07)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 100 %	0 % 0 %	0 % 0 %
Concrete (17 01 01)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 100 %	0 % 0 %	0 % 0 %
Metals (17 04 07)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 100 %	0 % 0 %	0 % 0 %
Bricks (17 01 02)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 100 %	0 % 0 %	0 % 0 %
Plastics (17 02 03)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 80 %	0 % 0 %	0 % 20 %
Tiles and ceramics (17 01 03)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 100 %	0 % 0 %	0 % 0 %
Mixed (17 09 04)	On-Site Off-Site	0 % 0 %	0 % 0 %	0 % 95 %	0 % 0 %	0 % 5 %
Overall target		**0 %**	**0 %**	**99 %**	**0 %**	**1 %**
Total tonnes		**0**	**0**	**797**	**0**	**4**

5. Duty of care compliance checks

Waste carrier details:

Waste Carrier Name	Waste Carrier Licence Number	Issue Date Expiry Date	Copy Licence	Waste Site Taken To	Waste Management License/ Issue Date	Waste Transfer Note Storage Location	Recycling rate	Copy Licence
O'Donovan Waste Disposal Ltd	CBDU116673	06/06/2019 10/07/2022	☑	O'Donovan Waste Disposal Ltd (82 Markfield Rd)	80317 07/11/1995	In the Site Office		☑

Recycling rates:

Destination Waste Site	Waste Type	Recycling Rate (%)
O'Donovan Waste Disposal Ltd (82 Markfield Rd)	Inert (17 01 07)	100.00
O'Donovan Waste Disposal Ltd (82 Markfield Rd)	Mixed (17 09 04)	95.00
O'Donovan Waste Disposal Ltd (82 Markfield Rd)	Timber (17 02 01)	95.00
O'Donovan Waste Disposal Ltd (82 Markfield Rd)	Gypsum (17 08 02)	100.00
O'Donovan Waste Disposal Ltd (82 Markfield Rd)	Metals (17 04 07)	100.00
O'Donovan Waste Disposal Ltd (82 Markfield Rd)	Packaging (15 01 06)	90.00

Water Discharge Permits

6. Training and communicating the SWMP on site

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:

Method	Undertaken
Induction	Yes
Toolbox Talks	No
Workshop	No
Other Training	No

Communication

The plan is being communicated by:

Method	Undertaken
Meetings	No
Posters	Yes
Feedback	No
Other Communication(s)	No

7. Waste Data

This section will be updated once waste is removed from site.

Tonnage		
Total tonnage of waste generated to date		0
Tonnes of waste per 100/1 sq.m. of floor area (tonnes/100 sq.m.)		0.00
Tonnes of waste per £100K of project cost (tonnes/£100K)		0.00
Reused on site		0.00
Reused off site		0.00
Total reused	0.00 tonnes	
Recycled on site		0.00
Recycled off site		0.00
Total recycled	0.00 tonnes	
Sent for recovery off site at licensed facilities		0.00
Total recovered off site at licensed facilities		0.00
Total recovered	0.00	
Disposed off site		0.00
Disposed from licensed facilities		0.00
Total disposed	0.00	
Total waste diverted from landfill	0.00	

Actual tonnage of waste to date by product group

No data to display

Current actual quantities versus forecasted quantities

Waste type	Forecasted quantity (tonnes)	Actual (tonnes)
Asbestos (17 06 05)	0.70	0
Bricks (17 01 02)	1.50	0
Concrete (17 01 01)	12.00	0
Hazardous (17 09 03*)	0.00	0
Inert (17 01 07)	715.72	0
Metals (17 04 07)	1.50	0
Mixed (17 09 04)	67.50	0
Plastics (17 02 03)	1.80	0
Tiles and ceramics (17 01 03)	0.70	0
TOTAL:	**801.42**	**0**

8. Ongoing review

Date	Name	Summary/ Actions carried out
27/11/2019	Alan Chapman	Project created Project overview updated Training and communication updated Responsibility updated Forecast updated Waste minimisation updated Forecast updated
27/11/2019	David Ayris	Forecast deleted
04/03/2020	Alan Chapman	Project overview updated
10/03/2020	Alan Chapman	Waste management contractor updated Waste minimisation updated

9. Project completion review

The SWMP Review must be completed within 3 months of the project completion date.

Appendix 1- Copy Waste licence(s) and Environment Agency check(s)

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

Regulation authority

Name	Environment Agency
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	O'Donovan (Waste Disposal) Ltd.
Registered as	An upper tier waste carrier and dealer
Registration number	CBDU116673
Address of place of business	O'DONOVAN WASTE DISPOSAL LTD MARKFIELD ROAD LONDON N15 4QF
Telephone number	02088019561
Date of registration	6 June 2019
Expiry date of registration (unless revoked)	10 July 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.

CONTROL OF POLLUTION ACT 1974
WASTE DISPOSAL LICENCE

DL 606
DISPOSAL LICENCE NO:GTL/OD0001

LICENCE HOLDER:	O'DONOVAN (WASTE DISPOSAL) LIMITED
ADDRESS OF FACILITY:	82 MARKFIELD ROAD TOTTENHAM LONDON N15 4QF
TYPE OF WASTE DISPOSAL FACILITY:	WASTE TRANSFER

The London Waste Regulation Authority (hereinafter called the 'LWRA') pursuant to section 5 of the Control of Pollution Act 1974 hereby authorises the use by O'Donovan (Waste Disposal) Limited registered office 82 Markfield Road, Tottenham, London N15 4QF (hereinafter called 'the holder') of the site known as 82 Markfield Road, Tottenham, London, N15 4QF as shown outlined in red on location drawing Reg. No. LWRA/0431731, holder's drawing No. 929/04, dated October 1993 (which site is hereinafter called the 'facility') for the reception and transfer of wastes subject to the conditions attached hereto.

(This licence does not exempt the holder from complying with other legislation, in particular the Radioactive Substances Act 1993, the Health and Safety at Work, etc. Act 1974 and planning, transport, water protection and environmental health legislation).

John Ferguson

Signed: Director, London Waste Regulation Authority, the officer appointed for this purpose.

Dated this 7th day of November 1995.

Appendix 2- Site Inspection Reports

Appendix 3- Sub contractor agreement forms

Appendix 4- Waste data lists

Appendix 5- Waste transfer notes (WTN)

Appendix 6- Site/floor drawings

Appendix 7- Waste Actuals

Date WTN	Carrier	Destination	Work Package	Container Size	Segregated	Waste type	Tonnes