

# E07 Construction Environmental Management Plan

# Plot 5000a, Hatfield Business Park P21-001

Issue/revision	Revision 1	Revision 2	
Remarks	Initial Issue	Revised to R.M comments	
Date	01/02/2021	05/02/2021	
Prepared by	Curtis Dell	Curtis Dell	
Signature	C.Dell	C.Dell	

## **Construction Environmental Management Plan**

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# Plot 5000a, Hatfield Business Park Construction Environmental Management Plan

## 1 INTRODUCTION

1.1 This Construction Environmental Management Plan has been prepared in response to a request from Welwyn Hatfield Borough Council to ensure that the potential impacts that may arise from the construction of the proposed development are actively managed and minimised. The actions set out in this plan are intended to act as a guide and a tool for anticipating, recording and ameliorating any impacts that may arise.

1.2 It is anticipated that the Construction Management Plan will evolve as the project progresses to ensure that its content reflects the current construction programme.

1.3 The recommendations for the control of noise and vibration on construction and open site in the approved code of Practice BS 5228 will be adopted.

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## 2 ENVIRONMENTAL POLICY

2.1 A copy of Winvic Construction Limited's Environmental Policy Statement and ISO 14001 Certificate is provided in **Appendix A** of this report.

2.2 Winvic Construction Limited recognises the environmental impacts associated with this project and is committed to continually improving its environmental performance. The policy statement sets out the aims of the environmental plan for the construction of the proposed development of Welwyn Hatfield Borough Council, the various aims are summarised below:

- To meet the requirements of all relevant environmental legislation, agreements, authorisations and commitments.
- To ensure that all environmental undertakings and obligations of Winvic Construction Limited are fulfilled.
- To adopt working practices that will achieve good environmental practice on site.
- To ensure that sub-contractors and suppliers are aware of the environmental constraints and opportunities of the site, and follow any necessary procedures in order to ensure good environmental practice.
- To identify the responsibilities of staff and contractors in achieving good environmental practice on site.
- To mitigate the effects of the construction works on businesses, highway users and the general public.

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• To assist in the development of the company environmental management system, not only for the requirements of this project but for future use.

2.3 All personnel are required to understand and implement the requirements of this Construction Environmental Management Plan.

## 3 ENVIRONMENTAL MANAGEMENT SYSTEM

3.1 The principle requirement of the Construction Environmental Management Plan for the Construction Phase of the project is to provide a management framework to address all the environmental aspects identified for the construction of the proposed development of Plot 5000a, Hatfield Business Park to ensure that the obligations set out in this Construction Environmental Management Plan are implemented, an Environmental Co-ordinator (including Community Liaison) will be appointed by Winvic Construction Limited. The Environmental Co-ordinator will be based on the site and will act as focal point for the distillation of the contractor's responsibilities with respect to the environment and for queries/complaints from the controlling authorities and general public. The duties required of the Environmental Co-ordinator are set out below.

## Environmental Roles and Responsibilities of the Environmental Co-ordinator

3.2 The Environmental Co-ordinator is responsible for all environmental activities on the project and will report to the Operations Director. The duties involve the following:

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- Overall management of the environmental component of the project.
- Manage day to day activities to ensure significant environmental effects are avoided.
- Review and update the site Construction Environmental Management Plan.
- To act as the main point of contact between the regulatory authorities (Environment Agency and Local Authorities) and the project on environmental issues.
- To act as the main point of contact between the local populace and the project.
- Development and delivery of environmental training (induction and toolbox talks) for site personnel and sub-contractors.
- Ensure Best Practice is promoted at all times.
- Assisting with the development of procedures that highlight the emergency response to environmental incidents.
- Management of the monitoring programme, including noise, dust and water quality.
- Environmental incident monitoring and reporting.

The Environmental Co-ordinator will be initially be Trevor Swailes, contactable on 07802 878499 with Lee Crame the Project Manager, as the site based representative. Both will be involved with the construction works throughout the project.

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## Assessment of Significant Environmental Aspects

3.3 The environmental aspects identified should be evaluated in terms of significance to ensure that resources are targeted appropriately and effectively. The environmental aspects determined to be of most significance are the activities of the project that require managing and should be subject to improvement in performance.

3.4 An Environmental Aspects Register is contained within the Winvic Environmental Management System which will be available for inspection on site at all times and will be structured in the following way.

Environmental Aspects Register							
Activity	Aspect	Impact(s)	Legislation	Significance	Management response	Comments	

## Legal Requirements

3.5 For each significant environmental aspect the relevant applicable environmental legislation and regulations will be identified. A complete and up to date legal Register is contained within the Winvic Environmental Management System.

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## 4 PROJECT SPECIFIC MEASURES

4.1 This chapter of the Construction Environmental Management Plan contains details of the measures to minimise the potential effects from the construction works, which will be implemented throughout the works. It is envisaged that this Construction Environmental Management Plan will be a live document that will be updated as necessary to include consideration of evolving aspects of the construction works.

4.2 The full programme of works for the construction of the proposed development has been made available in **Appendix B** to highlight targeted dates in order to show critical areas of the development.

## **Consideration and Responsibility**

4.3 The Project will be registered with the **Considerate Constructors Scheme**. All works will be carried out with positive consideration towards our neighbours and the environment. Works that are likely to cause an impact to our neighbours will be advertised through a mechanism to be agreed with Welwyn Hatfield Borough Council. This mechanism may be door to door leafleting of nearby properties, advertising in a local paper, posters in prominent locations etc. and will address issues relating to programme, activities and likely effects, duration and points of contact

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4.4 Winvic Construction Limited has a communication procedure for which outlines the method and responsibility for communicating information by Winvic staff, supply chain and external interested parties. A copy of this has been included within the Construction Environmental Management Plan under Appendix C.

4.5 Winvic Construction Limited will ensure that all site personnel, specialist sub-contractors, delivery drivers and any other persons working on or visiting the site fully understand and implement the obligations of the Construction Environmental Management Plan and monitor their compliance with it. This will be achieved by including the Construction Environmental Management Plan and its obligations in the safety induction that everyone attending on site will attend. The inductees will be required to sign a statement stating that they have understood and will abide by the content of the Construction Environmental Management Plan.

4.6 Lee Crame as representative of Winvic Construction Limited will act as a central contact point for discussions with both Welwyn Hatfield Borough Council & other interested parties, including local businesses. Details of how to contact Lee Crame will be lodged with the client & representatives and advertised through a suitable mechanism.

4.7 Should any complaints arise during the course of the works, a broad procedure for dealing with them is set out in Figure 1 below.

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## Figure 1 Complaints Procedure







4.8 Contact details for the Winvic Environmental Co-ordinator are given below:

Winvic Environmental Co-ordinator will be Trevor Swailes; Tel: 07802 878499. Project Manager (Site based) will be Lee Crame; Tel: 07541 688123.

#### Waste

4.9 As part of the Construction Environmental Management Plan minimising and reducing waste during the construction stage is a key priority and the following core principles will be maintained throughout the construction process:

- Toolbox briefing sessions.
- Adopting good on-site working practices.
- Reducing wastage on site.
- Ensuring adequate waste storage facilities are provided.
- Ensuring adequate security measures are in place.

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• Appropriate waste disposal routes.

The above will all be managed and recorded in the Winvic Site Waste Management Plan-SWMP (Pro-forma plan is contained in Appendix D)

- 4.10 Further details of good site practices include the following:
  - All construction personnel including sub-contractors will be briefed through toolbox talks regarding the importance of minimising, segregating and recycling wastes during the construction process.
  - Guidance will be provided on the segregation of certain waste streams such as aggregates, excavated materials, metal, wood, cardboard and polythene packaging waste.
  - The objectives of the toolbox talks will be to maximise opportunities for recycling and minimise waste to landfill.
  - Deliveries will be on a 'just-in-time' basis to minimise potential damage and wastage of materials.
  - Clearly labelled waste skips will be provided at the site for the segregation of waste streams for recycling and for general waste to be disposed of to landfill. The skips will be stored in a secure location on-site to prevent waste nuisance issues arising.
  - Fuels, oils and chemicals will be stored in appropriate containers within secure bunded compound constructed of an impermeable hard standing and in accordance with good

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site practices and Environment Agency guidelines (Pollution Prevention Guidance Note 6 'Working at Construction and Demolition Sites').

- Construction materials will be stored in a secure compound to prevent the potential for vandalism and theft of material.
- Segregated waste for recycling will be removed from site by a licensed contractor to an appropriate Materials Recycling Facility (MRF).
- Wastes that cannot be recycled will be removed from site by a licensed waste contractor to an appropriate licensed landfill facility ensuring adherence to the Environmental Protection (Duty of Care) Regulations.
- Waste will only be placed in the approved locations to minimise litter and pollution.

4.11 In summary, the following construction best practice (Construction Industry Research and Information Association – 'Environmental Good Practice On Site' will be followed:

Ordering		Delivery		
<ul> <li>Avoid: -</li> <li>Over ordering (order</li> <li>Ordering standard ler required (e.g. Plaster</li> <li>Ordering for deliverin programme regularly</li> </ul>	"just-on-time") ngths rather than lengths board) g at the wrong time (update )	<ul> <li>Avoid: -</li> <li>Damage during unloading</li> <li>Delivery to inappropriate areas of the site</li> <li>Accepting incorrect deliveries, specification or quantity</li> </ul>		
Storage		Handling		
<ul> <li>Avoid: -</li> <li>Damage to materials</li> <li>Loss, theft or vandalise and on-site security</li> </ul>	from incorrect storage sm through secure storage	<ul> <li>Avoid: -</li> <li>Damage or spillage through incorrect or rep handling</li> </ul>		ve
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4.12 The Environmental Co-ordinator will liaise with the ecological consultant to the project to ensure that the surrounding environment is respected throughout the works. This will be reinforced through the toolbox talks, which will include an ecology-specific briefing. This briefing will be drafted by the ecological consultant to the project (in accordance with the Ecological Survey submitted with the Planning Application) and agreed as appropriate with Welwyn Hatfield Borough Council.

4.13 Any accidental contamination of the ground or surface water will be cleaned-up in accordance with the appropriate Environment Agency guidelines and removed off-site by the appropriate licensed waste contractor.

4.14 Any protected species identified during the works will be notified to the ecological consultant to the project, who will advise an appropriate course of action, if necessary, in conjunction with Welwyn Hatfield Borough Council.

4.15 Until an appropriate course of action is identified, no further works will take place in the area identified as having a protected species.

4.16 Surplus material, rubbish etc. shall not be allowed to accumulate on the site or over-spill to the surrounding environment.

## Noise

4.17 Construction noise emissions were raised by Welwyn Hatfield Borough Council Planning Ref: 6/2019/1411/MAJ, Pre-commencement Condition 9 which states that *'Noise from plant and* 

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equipment associated with the development must be 10dB (LAeq) below the background noise level (LA90) at the nearest residential properties (5dB below the background noise level if evidence is provided which shows that no tonality is present).' No formal discharge is required under this condition.

4.18 Working Hours; the works carried out on site will be from the hours of 07:00 to 19:00 hours Monday to Friday, 08:00 to 13:00 hours on Saturdays.

4.19 Standard Construction Plant / Equipment will be used during all phases of the construction process.

4.20 Typical plant will include excavators, dozers, cranes, dumpers, scissor lifts, and cherry pickers etc.

4.21 Where practical and where there is a positive environmental benefit, use will be made of temporary spoil heaps to shield the surrounding receptors from the construction works. For example, this may be utilised during the earthworks and site preparation phases of the works.

4.22 All plant items will be properly maintained and operated in accordance with the manufacturers' recommendations, so that excessive noise is minimised. Rattling noises will be controlled by tightening loose parts and by fixing resilient materials between the surfaces in contact.

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4.23 Plant known to emit noise strongly in one direction should, where possible, will be orientated so that the noise is directed away from noise sensitive areas.

4.24 Acoustic covers will be kept closed when engines are in use and idling. Compressors that have effective noise enclosures and are designed to operate when their access panels will be used.

4.25 Materials will be lowered where practicable and not dropped.

4.26 Stationary plant such as compressors and generators will be positioned away from sensitive locations within the confines of the operational use of the equipment.

4.27 Where reasonably practical, noisy plant or processes will be replaced by less noisy alternatives (BPM). Annex B of BS5228: Part1:

## Maintenance

4.28 Regular and effective maintenance of machinery and noise control measures, by trained personnel is essential and will assist in reducing potential noise. Increases in plant noise are often indicative of future mechanical failure and will be responded to be the Environmental Co-ordinator.

4.29 Noise caused by vibrating machinery having rotating parts can be reduced by proper attention to balancing.

4.30 Frictional noise will be reduced by tools being well maintained and kept sharp.





4.31 Lubrication of parts will also reduce noise.

## Training

4.32 All employees and contractors will need to be informed about the need to minimise noise. As part of on-site training they will be advised regularly of the following:

- The proper use and maintenance of tools and equipment.
- The positioning of machinery on site to reduce the emission of noise to the neighbourhood and to site personnel.
- Avoidance of unnecessary noise when carrying out operations, and when operating plant and equipment.
- Using and maintaining measures adopted for noise control.
- By reporting defective noise control equipment.
- Managers and supervisors recognising the need for employees to make proper use of measure to minimise noise.
- Machines in intermittent use will be shut down in intervening periods of non-use or, where this is impracticable, they will be throttled down to a minimum.
- 4.33 Where practicable white noise reversing alarms will be fitted to all mobile plant.

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## **Emissions to Air**

4.34 Finished ground/road surfaces will be set down as early as is feasible to seal the ground to ensure that the generation of dust is kept to a minimum.

4.35 Surfaced and unsurfaced site access roads will be kept in good order and will be watered as necessary using a water bowser. This will be monitored on a daily basis during hot, dry weather.

4.36 A wheel wash facility will be utilised as required on site. A pressure washer will be provided at the gatehouse where all construction vehicles will access and egress the site from the same location. Vehicles will be inspected at this point before being allowed to traffic onto the highway. This will also be supplemented by a road sweeper maintaining clean haul roads within the site boundary and within the highways.

4.37 A water supply will be maintained across the site to ensure that dusty surfaces and activities can be damped as appropriate.

4.38 There will be no burning of any material anywhere on-site. Anyone caught breaching this will be disciplined appropriately.

4.39 Any exposed soil or material stockpiles will be appropriately damped, if necessary using sprinklers and hoses. A wind-sock will be located on the site and where this indicates a prevailing wind toward sensitive receptors, particular attention will be given to the damping of exposed soil and material stockpiles.

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4.40 All areas of completed earthworks that are not subject to subsequent works such as drainage will have a stone capping layer placed on them, which will be covered with permanent building works. Areas not covered with permanent building works will be covered with topsoil and vegetated as soon as is practicable.

4.41 Screening monitoring through a visual inspection of the site perimeter will be carried out weekly during dry periods to check for dust deposition (evident as soiling and marking) on vegetation, cars and other objects.

4.42 The programme of works has been sequences such that any deliveries to site will either be onto a stone capping layer or hard surfacing again minimising the risk of any mud of debris being deposited on the Public Highway. The surrounding area will be monitored at all times and if necessary and as required Road Sweeping plant will be on hand to deal with any debris/mud on the highway.

## Vehicles

4.43 Furthermore, any mud on the site access road will be assessed on at least a daily basis. Road sweeping will be undertaken as necessary should it be required.

4.44 It is estimated that at its peak this development can expect up to 65no: vehicles required to park onsite. This will be a combination of work vans and cars.

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4.45 Stakeholders relating to this development are prohibited from parking on the surrounding roads or carparks and are required to use the contractor / client / visitor car park provided on-site. These conditions are communicated to our stakeholders prior to their need to visit the project via a number of different channels. The supply chain which will help to deliver this project will receive such instructions during a pre-let before the package is fully assigned to the sub-contractor. Vehicles suspected of breaching these conditions will be handed a notice (Appendix E) to deter such breaches. Repeat offenders failing to comply with this request will be subsequently removed from the project.

4.46 Vehicles relating to construction personnel onsite (i.e. vans and cars) and deliveries (i.e. LGV and HGV vehicles) are requested to approach the site from the A1(M) South / Northbound as described in section 4.49 of this document.

## Vehicle Routing

4.47 Care has been taken during the design process and thought has been given to minimise the need for HGV movements.

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4.48 The proposed route to site for construction traffic is illustrated below.



Southbound: A1(M) Southbound, exit at J4 onto Comet Way / A1001, at the roundabout take the 4<sup>th</sup> exit on Hatfield Avenue, at the roundabout take the 1<sup>st</sup> exit on to Mosquito Way, the site will be on the right.

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Northbound: A1(M) Northbound, exit at J3 onto Comet Way / A1001, at the roundabout take the 1<sup>st</sup> exit onto St Albans Road, at the roundabout take the 3<sup>rd</sup> exit onto Mosquito Way, the site will be on the left.

4.49 These routes will be communicated to all Specialist Subcontractors and Material Suppliers.

4.50 Where appropriate, temporary signs will be erected. This will ensure that drivers are directed to the site and do not inadvertently use minor local roads.

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4.51 Anticipated vehicle movements will be small in number and infrequent.

## Site Layout / Traffic Management Plan

4.52 The below figures illustrate the initial site layout and traffic management plan for construction operations at the opening stages of development. As the project develops it is envisaged a further cabin relocation will be positioned within the concrete service yard adjacent to the most westerly building. Further advancements in the site layout and traffic management plan will be detailed within this document for planning and record purposes.

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## Condition Survey to Surrounding Area

4.53 Prior to construction Winvic Construction Ltd. will undertake a condition survey of the area surrounding the site. The purpose of this is to act as a record to reference for any post construction restoration / reinstatement that may be required to the working areas and temporary access to the public highway having resulted from the activities of the development.

## Lighting

4.54 During the construction phase the temporary site lighting will adhere to the best practice guidance outlined in Guidance Notes for the Reduction of Light Pollution (Institution of Lighting Engineers, 2000) including the following:

- Lighting will be switched off when not required for safety or security;
- Temporary lighting will be directed into the site away from residential areas;
- Wherever possible lighting will be directed downwards to illuminate the target area to reduce spill light to a minimum;
- Specifically designed lighting equipment will be installed to minimise the spread of light near to or above the horizontal;
- To keep glare to a minimum, the main beam angle of all lights directed towards any potential observer will be kept below 70 degrees. Higher mountings used for the lighting will lower the main beam angle reducing potential glare;
- Wherever practicable, floodlights with asymmetric beams will be used.

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APPENDIX A

Winvic Environmental Policy and ISO 14001 Certificate





### POLICY STATEMENT

Winvic Construction Limited is conscious of its responsibility for the protection and improvement of the environment, and is committed to minimising environmental impact throughout its sphere of activities.

It is the aim of Winvic Construction Limited to strive for continual improvement, also to carry out its operations, according to the procedures given herein, to promote good environmental practice, whilst as a minimum, complying with all relevant environmental law and other requirements.

Winvic Construction Limited will establish and review challenging environmental objectives and targets through implementation and operation of an Environmental Management System to conform with BS EN ISO 14001:2015.

Management and supervisory staff are responsible for the implementation of this policy throughout the Company, ensuring environmental protection is given priority at all stages of operations.

All employees and sub-contractors are expected to co-operate with the company in fulfilling its responsibilities, and their contributions are increased through awareness training and implementation of operational procedures.

Winvic Construction Limited will ensure that sufficient facilities, information, instruction training and supervision are provided, as is necessary to minimise environmental impact and promote sustainability.

Mr Ian Goodhead the Director having particular responsibility for environmental procedures and he will report to the board on such matters. Reference should be made to Mr Ian Goodhead in the event of any difficulty arising in the implementation of this policy.

This policy, and associated procedures, will be formally reviewed annually within the overall management review system, though on exception, changes may be implemented at other times as required by legislative change.

Signed:

Ian Goodhead HSEQ Director 02.03.2020

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# **Certificate of Registration**



Certificate Number

EMS UK/01/0009380928

The Management System of

# Winvic Construction Ltd

of Brampton House, 19 Tenter Road, Moulton Park, Northampton, NN3 6PZ

has been Assessed and Certified as meeting the requirements of

## ISO 14001:2015

Scope of Registration

The design and project management of construction projects for the private sector and commercial organizations

Date of Initial Assessment
Date of Registration
Date Re-Issued
Date of Expiry

18/09/2009 17/09/2009 17/09/2018 17/09/2021

Authorised by



on behalf of ACS Registrars Ltd

Whilst all due care was exercised in carrying out this assessment, ACS Registrars Ltd accepts responsibility only for proven gross negligence. This certificate remains the property of ACS Registrars Ltd, to whom it must be returned upon request. Certificate validity may be verified upon request.

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APPENDIX B

Construction Programme and Delivery

	🥏 winvic	Мо	tor D F	ealer POST 1	hip - Plot 5100 Hatfield NDER PROGRAMME Client: Arlington	Arlington	
ine	Name	Dural	ion Start	Finish	2020 <u>2021</u> ov_ Dec _ Jan _ Feb _ Mar _ Apr _ May _ Jun _ Jul _ Aug _ Sep _ O 6 J0 J14 J28 J11 J25 J8 _ J22 J8 _ J22 J5 _ J19 J3 _ J17 J31 J4 J28 J12 J25 J9 _ J23 J6 _ J20 J4.	<u>1</u> 2022 tt Nov Dec Jan Feb Mar 18 11, 115 129 113 127 110 124 17, 121 77, 121 20 25 27 20 41 42 45 47 40 51 52 55	
	PRE-CONTRACT PERIOD	38w	2d 04/05/202	0 12/02/202		5 35 37 139 H1 H3 H5 H7 H7 H9 11 33 35	
3	Full Contractor Appointment		18/12/202	0 18/12/2020			
	Planning [by others]: TBC	6w	10/07/2020	0 21/08/2020			
5	Discharge Remaining Pre-Commencement Conditions	6w	04/01/2021	12/02/2021			
7	Ecology [By others]:		04/01/202	04/01/2021			
8	Section 278 Works - Completed By Others		04/01/2021	04/01/2021			
			00/10/1/2021	04/01/2021			
10	PRE - CONSTRUCTION Design Development G.A./ Plans/ Sections	531 6w	V 30/11/202 11/01/2021	19/02/2021			
11 12	Detail Design Development Design & Procurement	27w 41w	1d 25/01/2021 4d 18/12/2020	06/08/2021 0 29/10/2021			
13	Place Orders for Incoming Stats & Lead-in Period - ESTIMATED (Excluding S	Substation) 29w	1d 11/01/2021	06/08/2021			
14	S.I. & Earthworks Strategy	7%	04/01/2021	19/02/2021			
16	Mobilisation - Enabling Works	2w	04/01/2021	15/01/2021			
17	Mobilisation - Main Works Provisional Sums	8w 53v	04/01/2021 30/11/2020	26/02/2021 10/01/2022			
19	Raise Extg Foul Pumping Station Level - Thames Water	30w	1d 30/11/2020	16/07/2021 30/11/2020			
21	Thames Water - Design	20e	v 07/12/2020	26/04/2021			
22	Archaeology	11W 2w	18/12/2020	16/07/2021 15/01/2021			
24 25	Winvic Receive Instruction Archaeology Contractor Lead-in	2w	18/12/2020	18/12/2020	24 (and the second se		
26	Electricity - Substation Relocation	50v	/ 18/12/2020	10/01/2022			
28	Place Order & UK Power Lead-in (See Quote)	52e	v 11/01/2020	10/01/2022		13/03/2023	
29 30	Landscaping - Water Feature / Green Wall Winvic Receive Instruction	39v	18/01/2021 18/01/2021	22/10/2021 18/01/2021			
31	Lead-in (Design & Manufacture)	22w	3d 25/01/2021	22/10/2021			
32	Start on Site		01/03/202	1 01/03/202			
	ENABLING WORKS	6v	15/01/202	1 26/02/202			
34 35	LV DiversionSite Strip	2w 6ev	18/01/2021 15/01/2021	29/01/2021 26/02/2021			
36	Archaelogical Investigation / Watching Brief - Prov. Sum Archaeology "Sign Off" for Main Work to Proceed	6ev 1w	/ 15/01/2021 01/03/2021	26/02/2021			
20	SHELL & CORE CONSTRUCTION	40	v 01/03/202	12/02/2021			
38	External Works - All Areas	38	v 08/03/2021	1 03/12/2021			
41	Earthworks / Piling Mat Import Existing Foul Pump Station Alterations	5w 3	d 08/03/2021 4d 19/07/2021	16/04/2021 19/11/2021			
43 44	Thames Water Raise Extg Foul Pump Station - inc T & C Winvic Complete Externals in Foul Pump Station Location	15w	4d 19/07/2021 25/10/2021	05/11/2021			
45	External Works (Excluding Temp Showroom Area)	36v	/ 22/03/2021	03/12/2021			
	Lamborghini / Bentley - East Building	32w	1d 06/04/202	1 19/11/2021			
<b>47</b> 48	Snowrooms (29,600 Sq π) Foundations	27w 1w 4	d 06/04/2021	15/10/2021 16/04/2021			
49 50	Structural Steelwork - Dividing Wall Structure High Level Rainscreen Cladding to Dividing Wall (2 Sided)	2w 4 3w 4	d 26/04/2021 d 17/05/2021	14/05/2021 11/06/2021			
51	Structural Steelwork - Lean-to Roofs	1w 4	d 01/06/2021	11/06/2021	5		
53	Nets / Handrais	3%	14/06/2021	02/07/2021			
54 55	Pitched Roof Cladding Roof Overhang Soffit Cladding	4w 3w	21/06/2021 05/07/2021	16/07/2021 23/07/2021			
56	Feature Trusses - Mall / Concourse	2w	12/07/2021	23/07/2021	······································		
58	Flat Roof to Sales Mall inc Rooflight Kerbs	3w	26/07/2021	13/08/2021			
59 60	Face Brickwork	4w 3w4	26/07/2021 d 09/08/2021	20/08/2021	9		
						3 135 137 139 141 143 145 147 149 151 153 155 1	
Name		Dural	ion Start	Finish	o ⊃u +1 + 2o −11 + 2o −30 + 22 + 50 + 22 + 50 + 22 + 50 + 21 + 51 + 12 + 26 + 9 + 22 + 60 + 20 + 4 lov! Dec Jan Feb Mar Apr May Jun Jul Aug Sep O	t Nov Dec Jan Feb Mar	
+P	Codes,TENDER				2020 2021	1 2022	
liles	Milestones Pre-construction Enabling Works Constructio	Curing	W	orks By Others			
< N		rogramme N	0: F19-07	0/tender	Issue Date: 20/02/2019		
Bra 9	Impton House	Programme S	tatus: Vers	sion 19.1	Revision Date : 17/12/2020 R	Revision Date : 17/12/2020 Revision No: 12.1	
Noulton Park		Chart Comment	s :		Chart Author : RL	Chart Author : RL	

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0	WINVIC POST TENDER PROGRAMME Arlington							
					2020	2021	2022	
Line	Name	Duration	Start	Finish	Novi Dec i Jan i Feb i Mar 16 i 30 i 14 i 28 i 11 i 25 i 8, i 22 i 8,	ar <sub>I</sub> Apr <sub>I</sub> May <sub>I</sub> Jun <sub>I</sub> Jul <sub>I</sub> Aug <sub>I</sub> Sep <u>I</u> Oct <u>I</u> Nov 122, 15, 119, 13, 117, 131, 114, 128, 112, 126, 19, 123, 16, 120, 14, 118, 11, 115, 12	<u>Dec Jan Feb Mar</u> 29 13 127 10 24 7, 121 7, 121	
61	Paving to Flat Roof	1w	16/08/2021	20/08/2021		3  5  7  9  11  13  15  17  19  21  23  25  27  29  31  33  35  37  39  39  39  39  39  39  39  39  39  39	41 43 45 47 49 51 53 55	
62	ETFE Rooflights	2w	16/08/2021	27/08/2021				
63	Curtain Walling Showroom Frontage	3w 4d	23/08/2021	17/09/2021		63 63		
64	Internal Drainage Showroom Floor Slab inc Trim	1w	23/08/2021	27/08/2021				
66	Snagging / Clean / Completions	2w	04/10/2021	15/10/2021		i i 66		
67	Workshops 'A' & 'B' (41,000 Sq ft)	30w 2d	19/04/2021	19/11/2021				
68	Piling (inc Pile Caps)	2w 4d	19/04/2021	07/05/2021		68		
69 70	Install Lift Pit Structural Steelwork - 12m Haunch	4d 4w	01/06/2021	04/06/2021				
71	Gutters/ Syphonic Drainage	3w	28/06/2021	16/07/2021				
72	Nets / Handrails	3w	05/07/2021	23/07/2021				
73	Flat Roofs to Parts Dept / Admin	4W 5W	26/07/2021	27/08/2021		······································		
75	Wall Cladding	8w	28/06/2021	20/08/2021		75		
76	Level Access Doors (6nr)	1w 4d	23/08/2021	03/09/2021		76 <mark></mark>		
77	Mezz Composite Floor Structure - 1 Level (Admin Area)	4w 3d	23/08/2021	17/09/2021				
/8 79	Pavings to Flat Root Feature Wall to Head Office Corner (SES, Cement Board & Render)	1w 4d 3w 4d	31/08/2021	10/09/2021				
80	Service Road Canopy	3w 4d	23/08/2021	17/09/2021				
81	Workshop Floor Slab inc Trim	3w	20/09/2021	08/10/2021		81		
82	Fire Stairs & Lift Core Internals (Back of House)	3W 6W	20/09/2021	08/10/2021				
84	Sectional Completion - Lamborghini / Bentley - Section 1		22/11/2021	22/11/2021		84 🗖 💷	11/2021	
	Ferrari - West Building	29w 3c	10/05/2021	03/12/2021				
86	Workshop 'C' (52,000 Sq ft)	29w 3d	10/05/2021	03/12/2021				
87	Foundations	3w 4d	10/05/2021	04/06/2021		87		
88 89	Gutters/ Svohonic Drainage	3w 4d	09/08/2021	03/09/2021				
90	Nets / Handrails	3w 4d	16/08/2021	10/09/2021				
91	Roof Coverings / Waterproofing	5w 4d	23/08/2021	01/10/2021				
92	wall Cladding	9W 40	09/06/2021	05/11/2021				
93	Louvres (18Nr)	2w	18/10/2021	29/10/2021				
95	Level Access Doors (5nr)	2w	18/10/2021	29/10/2021				
96	External Car Park Ramp Steel Structure & Mesh Deck	5w	18/10/2021	19/11/2021		96		
97	Daylight Panels - G Floor (12Nr) Workshon Floor Slab inc Trim	2w 3w	25/10/2021	05/11/2021				
99	Intermediate Mezz Floor Construction (Detailing Area)	2w	22/11/2021	03/12/2021		99		
100	Workshop Test & Commission / Clean & Air Test	2w	22/11/2021	03/12/2021		100		
101	Showroom (10.000 Sa ft)	21w 4d	05/07/2021	03/12/2021				
102	Install Lift Pit	2d	05/07/2021	06/07/2021		102D		
103	Internal Drainage	1w	05/07/2021	09/07/2021		103		
104	Intermediate Mezz Floor Construction (Parts Area)	2W 2W	12/07/2021 09/08/2021	23/07/2021				
106	Wall Cladding & Feature Border - Side Elevations	5w 4d	09/08/2021	17/09/2021				
107	Fire Protection	1w	23/08/2021	27/08/2021		107		
108	Untain Walling Windows / Doors	5W 40	20/09/2021	08/10/2021				
110	Canopy Structure	2w	04/10/2021	15/10/2021				
111	Projecting Canopy Bulkhead Cladding & Overhang Soffit	6w	18/10/2021	26/11/2021				
112	File Stairs & Liit Core Internais (Back of House)	ow	23/10/2021	03/12/2021				
113	Valet Building - Not Continuous	19w 4c	07/06/2021	22/10/2021				
114	Practical Completion - Ferrari Showrooms AND Workshops		06/12/2021	06/12/2021			06/12/2021	
115	Winvic Full Project Practical Completion - Section 2		06/12/2021	06/12/2021			00122021	
116	Fit-Out & External Works Completion - By others (Du	uration TBC) 322w	30/11/2015	31/01/2022				
117	Substation Relocation Power On - LATEST - By Others		10/01/2022	10/01/2022			10/01/2022	
$\vdash$					╂┼┋┼┼┋┋┫┥╄╝	┼┼╬┼┼┼╆┼┼┼╬┼┼┼┼╬┼┼┼┼╬┼┼┼┼		
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Line Name Duration Start		<b>5</b> -1-1		122 15 119 13 117 131 114 128 112 126 19 123 16 120 14 118 11 115 12	29 13 27 10 24 7 21 33 35 21 21 21 21 21 21 21 21 21 21 21 21 21			
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#### 20F2



# Motor Dealership - Plot 5100 Hatfield POST TENDER PROGRAMME





APPENDIX C

**Communications Plan** 



#### INTRODUCTION

This procedure outlines the method and responsibility for communicating information by Winvic staff and Supply Chain as well as any external interested parties.

**Why**? Because all Winvic have to be able to communicate without error or incorrect data being passed. As errors in communication can cause considerable loss and serious consequences to those affected by miss communication.

**Who**? ALL Winvic employees, Suppliers and Subcontractors may be affected by poor or miscommunication. Leading to error or possibly injuries or worse

**What**? Any works that Winvic undertakes should be carried correctly communicated to those undertaking the works or who are affected by the works, or may be required to respond during and emergency.

**When**? Correct communication is required all the time as it may affect the projects ability to deal with the situation being encountered. Serious shortfalls can occur and errors in communication may be the difference between success and failure. This is particularly true of Communications regarding;

- Emergency response
- Process controls
- Process change
- Materials acceptance
- Safe Systems of Working (SSoW) incl. Risk Assessment/Method Statements (RAMS)
- Personal Protective Equipment (PPE) required types
- Hazards (type and level of)
- Preventative Actions
- Expected or Approved standards to be maintained
- Investigations on cause and affect
- Effective levels and standards that must be maintained
- Plans for construction phase processes





#### **COMMUNICATION PROCESS (Internal)**

Internal communications shall be two way and aimed at:

- Ensuring that all levels and functions are aware of the SHE policies, the objectives, and the SHE management systems.
- Ensuring that any suggestions relating to the SHE performance of the organisation follows the continual improvement process.

Communications from employees to management covers the following subjects:

- Identification of SHEQ impacts by any individual or working team
- Identification of training needs by any individual or working team
- Detection of non-compliance
- Information about new available technologies for prevention of pollution

Communication from management to employees includes:

- Information about legislative and compliance requirements
- Report of any SHEQ authority's inspections
- SHE fines and awards
- Diffusion of the SHEQ policies and objectives
- Detection of non-compliances
- Information about new available technologies for prevention of pollution

Internal communication is through the Board meetings, Management Review, Team meetings, Newsletters, company intranet and noticeboards.

#### SHEQ Managers

Information is communicated to all levels, via:

- Board Reports
- Health, Safety & Environmental Steering Group meetings
- Director/Operations Manager Health, Safety & Environmental
- Training
- SHEQ Site Visit reports
- Internal emails, Bulletins
- Campaigns
- Case Studies

#### **Preconstruction**

Preconstruction teams are responsible for providing relevant SHEQ information to Clients as part of the preconstruction process to ensure SHEQ compliance obligations and associated requirements are understood and costs accounted to address risk profile. This may be completed through:

- Pre-Qualification Questionnaires;
- Tender information;
- Interviews;
- SHEQ risk assessments





#### **Operational Teams**

Operational teams are responsible for supplying information to Clients and dealing with site issues. Where such issues escalate or require further assistance, they should contact the SHEQ Manager. Methods of communication include;

- Training, including Toolbox Talks and 1-2-1 discussions
- Site Subcontractor meetings
- Subcontractor Site Induction
- SHE Noticeboards

#### LEVELS OF COMMUNICATION URGENCY

Levels of communication determine how urgently Winvic employees (including Suppliers and Subcontractors) are expected to respond.

Incident levels in Winvic documentation should be as listed below. As should employees response and actions when dealing with that level of incident, i.e.;

<u>Level Type</u>	Maximum time limit / Response expected
Level one (1)	Major (Immediately with utmost urgency)
Level two (2)	Significant (Immediately / within 1 day)
Level three (3)	Minor (within 2 days of notification)
Level four (4)	Observation/risk of harm (within 2 or 3 days)

All documentation, including statements, should be kept secure & considered as evidence.

#### **Communication Structure & Protocol for SHE Alerts**

All alerts/bulletins are to be communicated via email to employees.

#### **COMMUNICATION PROCESS (External)**

External communications are defined as:

- Divulging Winvic SHE policies and reports
- Informing local authorities, regulatory bodies and local community about an incident or accident which results in severe damage to the environment in order that they can take the appropriate measures.
- Responding to communications regarding SHE matters coming from any external interested party.

They include communications with:

- Regulatory bodies
- Government departments
- Local government
- Local community (incl. private individuals, organisations and companies)
- Ecologists' groups
- Customers

These external communications will be processed by the sender, implementing this procedure. Any communiques received at headquarters will be reviewed and cascaded via the Board of Directors.

Any approach made by the **press/media** to a Winvic employee (whether a director, member of staff or operative) **<u>must</u>** in every circumstance be referred directly to Ian Goodhead **<u>without any</u> <u>comment whatsoever</u>** from the employee concerned to the press/media.





#### **External Communications Register**

Any communications about SHE are recorded on the communications register. Infotracker must be updated with all events and contact regarding nuisance and SHE comments, compliments and complaints, providing the basis for the register. Content may be added by the operational team or updated by Health, Safety and/or Environmental Managers, ensuring that appropriate action has been taken each time there is an addition to the register. Communications are filed and reported chronologically. This register will be used to create a report for monthly and quarterly reporting.

The information required is as follows:

- Date of communication and recipient's name
- Sender's name and address/work area
- What the communication refers to
- Whether or not any action is required
- If an investigation is required, this issue should be logged on as an NCR and the reference number noted under the "Further Action Required" column on the External Communications Register.
- The feedback information and letter reference.

#### Complaints

All complaints from members of the public and interested parties (both internal and external) are dealt with using the Infotracker system.

It is the responsibility of all staff to ensure that all complaints from the general public are dealt with promptly, in a professional and courteous manner.

This covers the following:

- Noise
- Smoke
- Fumes and Gases
- Dust, steam, smell or other effluvia
- An accumulation of deposit
- Any other matter declared by enactment to be a statutory nuisance

All complaints will be logged with the following information recorded:

- Complainants Name, Address and Telephone Number.
- Date and time complaint received.
- Details of complaint (including date and time of alleged disturbance).
- Details of any further action(s) taken to resolve the matter.
- Feedback date and letter reference upon close out
- Who the complaint was passed to for any action required.

All of the above will be logged onto Infotracker as the External Communications Register. Records of events and actions taken must be made available for SHE regulatory and CCS Monitor inspection on request.

SHE Incident and Complaint Report

- Corrective and Preventive action to be identified, including timescales and responsibilities, and recorded, these actions will also be tracked through Management Reviews.
- A written reply acknowledging receipt of complaint to be sent to the complainant within three working days.
- All information including corrective/preventative action is to be recorded and filed.

#### Information Requests

Requests for SHE information from external interested parties are given due consideration. Communications other than those from the media must be efficiently dealt with in a controlled



manner. Requests for SHE information, except for Media requests, apply to the following:

- Members of the Public
- Educational Establishments
- Government Bodies and Local Authorities
- Members of the Legal & Medical Professions

Any approach made by the **press/media** to a Winvic employee (whether a director, member of staff or operative) **must** in every circumstance be referred directly to Ian Goodhead **without any comment whatsoever** from the employee concerned to the press/media.

#### Visits by Enforcing Authorities

If a site is visited by an enforcing authority, the visit must be recorded along with any actions or observations made, in Infotracker.

Any communication with an enforcing authority must be approved by the Board of Directors before distributing.

The SHEQ Manager must attend the site as soon as possible in the event of enforcement action being taken by a Regulatory Body. The SHEQ Manager must ensure a report containing details of the event, actions carried out and further actions proposed to prevent a recurrence is sent to Ian Goodhead within 72 hours of the incident.

Where appropriate, letter drops will be distributed to warn local residents and stakeholders of the aspects of forthcoming operations, which may impact upon them.

#### **Considerate Constructors Scheme**

As a Partner of the Considerate Constructors Scheme (CCS) all projects will be registered under the scheme. The Comms Register will provide the evidence to fulfill the Scheme's needs for the Compliments / Complaints / Comments Record and should be made available to show the Monitor for inspection when requested.





# APPENDIX D

Site Waste Management Plan (To be developed)





# SWMP01

# SITE WASTE MANAGEMENT PLAN

Plot 5000a, Hatfield Business Park P21-001

Ref: SWMP01	Issue: 2	Date: June 2019	Page 1 of 20

DOCUMENT REVIEW REGISTER						
Rev	Date	Ву	Description of Modification			

This Site Waste Management Plan (SWMP) is an important tool to allow Winvic to improve our environmental performance, meet regulatory commitments and help to reduce waste disposal costs. Hence, the aim of this SWMP is to determine the waste types and amounts to be produced during design and construction and to identify appropriate waste management controls.

Ref: SWMP01	Issue: 2	Date: June 2019	Page 2 of 20

# *For further guidance please refer to Winvic Environmental Policy E01 and Environmental Management System E02*

PROJECT INFORMATION			
CLIENT:	PRINCIPAL CONTRACTOR: Winvic		
PROJECT TITLE:	CONTRACT NO:		
PROJECT ADDRESS:	CONTRACT VALUE:		
	PROJECT START DATE:		
FOOTPRINT STRUCTURE (m <sup>2</sup> ):	PROJECT END DATE:		
FOOTPRINT SITE (m <sup>2</sup> ):			
FLOOR AREA [ALL FLOORS] (m <sup>2</sup> ):			

WASTE MANAGEMENT PROJECT ADMINISTRATION				
PERSONS LE	GALLY REQU	IRED TO BE IDENTI	FIED [SWMP REGULATIONS 2008 SECTION 6(1)]	
POSITION	NAME		CONTACT DETAILS	
CLIENT:				
PRINCIPLE CONTRACTOR:	Winvic Construction Ltd		Brampton House 19 Tenter Road Moulton Park Northampton	
			NN3 6PZ (01604) 678960	
SWMP DRAFTER:	Trevor Swailes		As above	
DECLARATION:		<ul> <li>Winvic will take all reasonable steps to ensure that:</li> <li>All waste from Plot 5000a, Hatfield Business Park 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</li> <li>Materials will be handled efficiently and waste handled appropriately.</li> </ul>		

DOCUMENT CONTROL				
VERSION	DATE	PERSON RESPONSIBLE FOR SWMP	COMPANY & POSITION	PROJECT STAGE
1				
2				
3				
4				
5				

Ref: SWMP01 Issue	e: 2 C	Date: June 2019	Page 3 of 20
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WASTE MANAGEMENT CONTRACTOR DETAILS					
DETAILS	OF THE PEOPLE / ORGANISATI	ON REMOVING WASTE FROM YOUR SITE [1]			
NAME OF REGISTERED CARRIER	REGISTRATION NUMBER         ADDRESS OF REGISTERED CARRIERS PRINCIPLE PLACE           BUSINESS         BUSINESS				
DETAILS OF WASTE MANAGEMENT FACILITY [1]					
NAME OF REGISTERED WASTE MANAGEMENT FACILITY	LICENCE REFERENCE NUMBER	ADDRESS OF REGISTERED CARRIERS PRINCIPLE PLACE OF BUSINESS			

[1] INPUT DETAILS FOR ALL WASTE CARRIERS AND MANAGEMENT FACILITIES IF MORE THAN ONE USED

## INSERT COPY OVERPAGE OF THE FOLLOWING CERTIFICATES

- CERTIFICATE OF REGISTRATION UNDER THE CONTROL OF POLLUTION
   [AMENDMENT] ACT 1989
- ENVIRONMENTAL PROTECTION ACT 1990 WASTE MANAGEMENT LICENCE

Ref: SWMP01	Issue: 2	Date: June 2019	Page 4 of 20

KEY WASTE PRODUCTION				
WASTE CATEGORY & TYPES	EWC/LoW CODES	ENABLING WORKS [INCLUDING DEMOLITION]	CONSTRUCTION WORKS	FORECAST PROVIDED
		ESTIMATED QUANTITY	ESTIMATED QUANTITY	
	EWC/LoW	TONNES	TONNES	
INERT WASTE				
Brick / Block	17 01 02			
Blockpaving	17 01 06			
SUB TOTAL				
NON HAZARDOUS WAS	TE			
Timber	17 02 01			
Paper/Cardboard	15 01 01			
Welfare canteen Waste	20 03 01			
General Waste	17 09 04			
Sub soil off site	17 05 04			
Shrub's / Bush	20 02 01			
Plastic	17 02 03			
Metal	17 04 05			
SUB TOTAL				
HAZARDOUS WASTE	<u>.</u>			
Human Effluent	18.01.04			
Plasterboard	17 06 02			
SUB TOTAL				
TOTAL VOLUMES				

## BREEAM

Where projects are being assessed against the requirements of BREEAM, the following targets will be achieved:

- Amount of Construction Waste generated to be  $\leq$  **1.9 tonnes per 100m<sup>2</sup>** (gross internal floor area)
  The following percentages of non-hazardous construction (on-site and off-site
- manufacture/ fabrication in a dedicated facility), demolition and excavation

Ref: SWMP01	Issue: 2	Date: June 2019	Page 5 of 20

waste (where applicable) generated by the project are to be diverted from landfill:

- Non-Demolition Waste: 90% diverted from landfill
- Demolition Waste: 95% diverted from landfill
- Excavation Waste: 95% diverted from landfill

Ref: SWMP01	Issue: 2	Date: June 2019	Page 6 of 20

## WASTE TRANSFER NOTES:

# ALL WASTE TRANSFER NOTES ARE HELD CENTRALLY AT WINVIC HEAD OFFICE

## SITE <u>MUST</u>ENSURE ALL WASTE TRANSFER NOTES CONTAIN THE FOLLOWING INFORMATION:

- DUTY OF CARE NUMBER
- WASTE CARRIER REGISTRATION NUMBER
- DRIVER NAME [PRINT & SIGNED]
- DESCRIPTION OF WASTE INCLUDING EWC CODE
- DATE OF WASTE TRANSFER
- DETAILS OF CURRENT HOLDER OF WASTE [SITE ADDRESS]
- DETAILS OF WASTE DISPOSAL SITE
- CUSTOMER SIGNATURE

## SITE WASTE MANAGEMENT REPORT

## INSERT OVERPAGE COPY OF MONTHLY REPORTS ISSUED BY WASTE MANAGEMENT CONTRACTOR.

Ref: SWMP01	Issue: 2	Date: June 2019	Page 7 of 20

## The Waste Hierarchy

Project waste will be dealt with in accordance with the waste hieracrchy.

## **Best Environmental Option**



## Worst Environmental Option

## **Construction, Demolition and Excavation Waste Management**

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## **General Good Practice Recommendations**

The SWMP will incorporate as many as possible of the following good practice measures to help ensure waste is managed effectively during construction.

During the construction phase of the development, the SWMP should be updated on a regular basis (where required) detailing how waste is managed during the construction project.

The SWMP should be retained for at least 2 years after completion of the project centrally at Winvic Head Office.

This SWMP includes:

- Detail on compliance with legislative requirements
- Details on the process to control risks relating to materials and waste on site
- A system to help make cost savings by better management of material supplies, storage and handling, and better management of the recovery and disposal of waste
- Demonstration how waste can be managed to minimise costs and risks.

## Updates to the SWMP

Updates should be undertaken as often as needed during the construction stage of the proposed development to give an accurate record of how work is progressing against the waste quantity estimates.

For waste that is reused or recycled on-site, the SWMP should be updated to describe how much of the estimated volume or tonnage has been processed.

For waste that is removed from the proposed development, the SWMP should be updated to record the identity of the person removing the waste; the type (and quantity) of waste; and the site to which it has been taken.

At the end of the project the completed SWMP, containing records of all waste management actions, should be reconciled against what was planned before the work commenced. Regular updating during the proposed works phase should make this a relatively straightforward process.

The Site Manager is responsible for:

- Promoting awareness of the SWMP among the work force
- Waste planning including identification of types and European Waste Catalogue (EWC) codes of waste anticipated
- Monitoring and reporting site waste
- Monitoring and target setting of key waste streams via waste contractor

Ref: SWMP01	Issue: 2	Date: June 2019	Page 9 of 20

- Monitoring the effectiveness of the building level SWMP
- Forming a good working relationship with the waste management contractor(s)
- Encouraging suggestions for better waste management on-site
- Reviewing and regularly updating SWMP.

## **Roles and Responsibilities of the Project Team**

Project Team Member	Key Roles	Main Responsibility	Other Roles
	Promote waste minimisation	Duty of Care	Identification of
Client	Insist on good practice from all other team members	Insistence on	Waste Reduction Opportunities
	Ensure that all hazardous waste has been identified prior to construction	Good Practice	
	Consider design options	Duty of Care	Identification of
Architect	Promote use of reclaimed elements	Reducing Waste	Waste Reduction
	Reducing 'bespoking'	Design	Opportunities
	Develop site specific waste strategy, implement and communicate to all parties		
	Monitor implementation	Health and Safety	Hazardous Waste Identification and Management
	Work with project team		
	Drive segregation of waste arisings	Davida and a f	
	Facilitate on-site storage compounds/ Treatment of segregated materials	the Waste Strategy	
	Designation of working areas for waste activities		
Main	Reduce waste being brought onto site as packaging etc.		
contractor	Ensure appropriate storage of waste and containers on site	Management of	
	Keep proper records of all waste produced/reused/sent off-site	and Programmes	
	Keep appropriate off-site transport in line with local regulatory requirements		
	Ensure appropriate off-site transport in line with local regulatory requirements	Record Keeping	
	Identify and confirm all destinations for waste leaving the site	and Duty of Care	
Sub- Contractors	Development of method statements for activities on- site	Duty of Care	Assist in Ensuring On- Site Practices are Safe and

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		Production of Method Statements	Would Not Impact Negatively on the Environment
	Liaise with Main Contractor and agree way forward	Ensure All Activities Under Their Direction Control are Managed Appropriately	Ensure that Waste Area is Properly Maintained
Site Operations	Question Unsatisfactory Practices On-Site	Duty of Care	Assist in Ensuring On- Site Practices are Safe and Would Not Impact Negatively on the Environment
	Follow Instructions as Provided	Ensure All Activities Under Their Direction Control are Managed Appropriately	Ensure that Waste Area is Segregated as Appropriate

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## **Construction Activities Recommendations**

## Considerate Constructors Scheme (CCS)

Winvic register all their site against the CCS Scheme which is designed to encourage best practice beyond statutory requirements. Waste management is a key focus and on-site considerations include:

- How waste is avoided, reduced, reused and/or recycled
- Whether there is a SWMP and how this is monitored
- What type of feedback is received (if any) as to how much waste on-site is diverted from landfill
- It is expected that registered construction sites work in an environmentally conscious, sustainable manner.

## Site Preparation and Earthworks

Winvic prepare a Construction Environmental Management Plan before work commences for the proposed development. This outlines a series of strategies, standards, best practice techniques and procedures that will be observed through the construction process in order to ensure compliance with environmental legislation and regulations.

This helps ensure minimal disruption and nuisance from the construction process to the existing communities/workforce in the surrounding area.

Waste arising from site clearance, primary infrastructure and earthworks is expected to comprise, topsoil, rubble, tarmac from former hardstanding and some gravel material.

It is anticipated that, where feasible, topsoil will be reused for landscaping of open spaces.

Where possible, all clean material excavated on site will be reused. Where this is not possible, such material will be removed by licensed waste carriers and sent for reuse at another development site or sent for disposal at appropriately licensed facilities (these are expected to be inert waste landfill sites). Any contaminated material that would require removal from the site would be collected by suitable waste carriers and sent for disposal at appropriately licensed hazardous waste facilities.

The Site Manager will monitor waste arisings and ensure waste to landfill is minimised to ensure the specified BREEAM targets are achieved. During the construction phase, the different waste streams and exact volumes will be monitored and recorded.

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The procedures to prevent and reduce the generation of construction waste detailed in the following sub-sections will minimise the amount of waste produced as far as possible.

## **Target Setting**

Targets have been set to ensure that a clear action plan is generated for the management of specified types and quantities of materials identified.

## **Recovery Rates**

Winvic will ensure that minimum legal targets for recovery are met and exceeded upon.

**The Packaging and Packaging Waste Directive (as amended)** set minimum material-specific recycling targets:

- Glass: 60%
- Paper and Cardboard: 60%
- Metals: 50%
- Plastics: 22.5%
- Wood: 15%

**The EC Waste Framework Directive** has set a target to recover at least 70% of non-hazardous construction and demolition waste by 2020.

## Raw Materials and Waste

Winvic confirm that the following recommendations are incorporated into all our projects and that the location and provision of raw materials and waste storage onsite is clearly labelled, identifying the materials that can be received. We will ensure that:

- The temporary site offices will retain all details relating to the SWMP, health and safety and waste management monitoring and reporting procedures
- Storage areas for raw materials and assembly areas for construction components will be located away from sensitive receptors
- Dedicated (labelled) skips will be provided for any waste that requires off-site disposal
- Any fuels, oils and chemicals will be stored in appropriate containers within secure bunded compounds in accordance with good site practice and regulatory guidelines and located away from sensitive receptors
- Clean, excavated material that cannot be reused on-site will be reused offsite where possible.

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Effective and secure storage areas for raw materials will be provided onsite to prevent loss of material from damage, vandalism or theft. These measures will be supported by:

- Ensuring deliveries to the site are, as far as reasonably practicable, on a 'just in time' basis
- Provision of on-site security and installing temporary security fencing as necessary.

Implementation of good practice measures in terms of on-site storage and security practices will assist in reducing unnecessary wastage of material(s) and ensure that high standards are maintained throughout the development process.

## Achieving Construction Waste Targets

Winvic will put in place is standard procedures for monitoring and minimising waste including:

Mechanisms to record waste stream quantities and types

- Any improvements in current working practices
- Procedures for handling and storing waste streams
- The available waste disposal routes used e.g. landfill, waste transfer stations.

All waste movements are summarised and reported on a monthly basis by the Site Manager (based on data provided by the licensed waste contractor) through the Winvic Contractor's Report document (reference Q50).

## Legal Requirements

Under The Environmental Protection (Duty of Care) (England) (Amendment) Regulations 2003, all movements of waste from Winvic sites to a waste contractor that is collecting the waste requires a paper trail.

Most of the waste from Winvic sites is likely to be non-hazardous and Waste Transfer Notes will be completed for each movement of waste off site.

All transfer notes will be kept at Winvic's head office for the minimum statutory period.

## **Predicted Waste Streams**

The predicted non-hazardous waste streams from Winvic sites are detailed on Page 5 above.

## Waste and Recycling Storage

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Waste storage facilities will be provided in the site compound. Waste containers and the space they are stored in will be:

- Of suitable capacity for the volume of waste
- Labelled to ensure wastes are stored correctly for recovery, reuse or recycling.

Where site restrictions do not allow for the provision of a permanent area for waste storage, the licensed waste contractor will collect waste containers(s) on a daily/weekly or other suitable frequency for the sorting of waste off site.

## Responsibilities

The persons identified in the Document Control Table on page 3 above are responsible for the operation of the site waste management. This usually is Winvic's HSEQ and the Site Manager.

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Appendix	1 -	SWMP	Checklist;	Design	Phase
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			Comment
	Points to consider		If `Yes', what action have you taken / do you propose to take? If `no', why not?
Des	sign	r	
1	Where relevant, has permission to discharge to controlled waters been obtained from EA / SEPA?	Ν	It is not anticipated that any discharge of controlled water will be required.
2	Has agreement been sought from the sewage company for trade effluent discharge?	N	Human effluent waste is disposed into a septic tank
3	<ul> <li>Have opportunities been considered for reducing the necessity for waste disposal? For example:</li> <li>Can material cutting be minimised?</li> <li>Is pre-fabrication an option?</li> </ul>	Y	All materials have been calculated by Quantity surveyors to minimise excess.
	<ul> <li>Are construction materials durable i.e., Whole Life Costings?</li> <li>Can the wastes remain on-site?</li> </ul>		Wherever possible on site created waste will be reused or recycled
	<ul> <li>Can design avoid the removal of contaminated materials?</li> <li>Can contaminated materials be treated on-site for reuse?</li> </ul>		Winvic have targeted stringent BREEAM standards for waste production
4	<ul> <li>Have opportunities been considered for reusing materials on-site? For example:</li> <li>Can inert excavated materials be reused as fill for landscaping / noise barriers on site?</li> <li>Can inert excavated materials created from other sites be reused at the main site (WML exemption required)?</li> <li>Can excess materials be utilised locally or on other sites (WML exemption required)?</li> <li>Can ground improvement techniques be used on excavated materials e.g. soil stabilisation - improvement of soil engineering properties with the addition of cement / lime?</li> <li>Can recycled materials be used on site for reuse?</li> <li>Can recycled materials be used on site e.g. aggregates?</li> </ul>	Y	Topsoils will be reused on site (where possible) Aggregates will be recycled (where possible)
5	Have opportunities been considered for re-use of materials off-site?	Y	Surplus materials will be used on other Winvic sites (where possible).
6	Have opportunities been considered for reprocessing of materials off-site?	N	Where non-inert material is taken off site, our licensed waste contractor will responsibly reprocess and recycle as necessary
7	Has full consideration been given to the use of secondary and recycled materials?	Y	As part of the BREEAM process this has been undertaken (where possible)

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Completed	Position	
by:		

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## Appendix 2 – SWMP Checklist; Procurement Phase

			Comment
	Points to consider	Y / N (Initials)	If `Yes', what action have you taken / do you propose to take? If `no', why not?
Pro	curement		
1	Have the correct quantity of materials been ordered?	Y	Winvics QS ensures the correct quantities are ordered
2	Have delivery times been scheduled to avoid unnecessary site disturbance and storage?	Y	Site management plan been prepared.
3	Have suitable locations for the storage of materials been identified?	Y	See site Logistics plan
4	Are materials being obtained from reputable sources?	Y	Designated, reputable suppliers used
5	Can unnecessary packaging be avoided?	Y	All unnecessary packaging and pallets will be returned
6	Can unwanted packaging be returned to the supplier for recycling or reuse?	Y	As above
7	Can unused materials be returned to the supplier or used on another job?	Y	Yes any unused materials will be reused on another local winvic site
8	Can off-cuts be returned to the supplier or used on another job?	Y	As above
9	Can bulk packaging be used e.g., silos compared to tubs?	N/A	
10	Can we buy recycled materials?	Y	Where possible (and cost effective) winvic will be using recycled materials

Completed	Position	
by:		

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## Appendix 3 – SWMP Checklist; Construction Phase

Points to consider			Comment	
		Y / N (Initials)	If `Yes', what action have you taken / do you propose to take? If `no', why not?	
On	-site Activities	1		
1	Have estimates been made of potential waste streams and potential disposal amounts e.g. excavated material?	Y	Predictions based on previous Winvic projects of a similar nature	
2	Has responsibility for waste management planning and compliance been assigned to the subcontractor, including named individual?	Y	Winvic control waste on site	
3	Has responsibility been assigned to generate and submit waste performance reports (i.e., waste quantities and treatment disposal routes)?	Y	Yes monthly waste reports will be produced	
4	Has the site been registered as a hazardous waste producer (England & Wales only)?	N/A		
5	Has an area of the site been designated for waste management, including storage and segregation?	Y	See site logistics plan	
6	Have provisions been established to adequately store and segregate waste materials?	Y	As above	
7	Have measures been put in place to deal with expected (and unexpected) hazardous waste?	Y	All COSHH data will be obtained	
8	Has disposal of liquid waste such as wash-down water and lubricants been considered?	Y		
9	Have the most appropriate sites for disposal of waste from the project been considered?	Y	All waste will be disposed locally	
10	Have toolbox talks been planned for all site personnel about waste management on-site?	Y	Explained at Induction and followed up by TBTs	
11	Have provisions been established to clearly label containers / skips / drums?	Y		
12	<ul> <li>Have means been developed to ensure that Duty of Care requirements are complied with? Namely:</li> <li>Provision of transfer notes</li> <li>Verifying registered carriers / brokers</li> <li>Verifying registered exempt sites</li> <li>Validation on the scope / validity of waste disposal sites</li> </ul>	Y	<ul> <li>Skip companies to provide waste carriers licenses.</li> <li>Transfer notice /consignment notices read for waste leaving site.</li> <li>Waste management licenses read from end receiver</li> </ul>	
13	Have means been developed to periodically check that wastes are received at intended disposal site(s)?	Y	Site manager to check with waste transfer station to confirm receipt of waste.	

	Completed by:	Trevor Swailes		Position	HSEQ manager
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The following table must be completed 1 month after P.C.

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## **COMPLETION DECLARATION**

Winvic confirms that the plan has been monitored on a regular basis to ensure that work is progressing according to the plan and that the plan was updated to record details of the actual waste management actions and waste transfers that have taken place.

Principal Contractor		Date	
Client	Signature	Date	
SWMP Author	Signature	Date	

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APPENDIX E

Unauthorised Parking Notice



# **Notice: Vehicle Owner**

Winvic Construction vehicles are **NOT** permitted to park on surrounding roads or car parks. Please utilize the on site contractors parking provided.



Failure to comply with the above request will result in removal from site.

Y 🛞 winvic

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