



# Site Waste Management Plan

<b>Plan reference</b>	15597
<b>Environmental Compliance No</b>	426848
<b>Client</b>	Elmsbrook
<b>Principal Contractor</b>	Crest Nicholson
<b>Site Address</b>	Elmsbrook Phase 3 & 4 Elmsbrook Bicester OX27 8AN
<b>Estimated cost of project</b>	£50,000,000
<b>Plan created</b>	22nd December 2017

This plan has been created using Reconomy's Portal.








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# Performance Dashboard

## Build phase

	Waste Type	Estimated	Produced	Re-use on site Re-use on site	Recycle	Dispose	% Diverted % Diverted	
	Mixed construction waste	174.1						<a href="#">Help</a>
	Light mixed and compactable waste	649.6T						<a href="#">Help</a>
	Mixed inert wastes	208.8T						<a href="#">Help</a>
	Timber from construction	324.8T						<a href="#">Help</a>
	Plasterboard	208.8T						<a href="#">Help</a>
	Mixed metals from construction	18.56T						<a href="#">Help</a>
	Haz Waste station Collection	11.6T						<a href="#">Help</a>
	<b>Totals</b>	<b>1596.16T</b>						

This phase hasn't started yet (it will run from 12/03/2018 to 30/09/2022).

## Dashboard - Waste by unit area

### Overview

<b>Project area</b>	Unspecified
<b>Tonnage</b>	None
<b>Tonnage per 100m<sup>2</sup></b>	-
<b>Resource efficiency credits</b>	Three credits + exemplary level

### Build phase

Waste Type	Tonnage	Tonnage / 100m <sup>2</sup>
<input type="checkbox"/> Mixed construction waste		
<input type="checkbox"/> Light mixed and compactable waste		
<input type="checkbox"/> Mixed inert wastes		
<input type="checkbox"/> Timber from construction		
<input type="checkbox"/> Plasterboard		
<input type="checkbox"/> Mixed metals from construction		
<input type="checkbox"/> Haz Waste station Collection		
<b>Totals</b>		

**This phase hasn't started yet** (it will run from 12/03/2018 to 30/09/2022).

## Dashboard - waste diversion from landfill

### Overview

<b>Total tonnage</b>	None
<b>Diverted tonnage (non-demolition)</b>	None
<b>Diverted tonnage (demolition)</b>	None
<b>Diversion from landfill credits</b>	Zero credits

### Build phase

Waste Type	Tonnage	% Diverted
Mixed construction waste		
Light mixed and compactable waste		
Mixed inert wastes		
Timber from construction		
Plasterboard		
Mixed metals from construction		
Haz Waste station Collection		
<b>Totals</b>		

**This phase hasn't started yet** (it will run from 12/03/2018 to 30/09/2022).

# The Code for Sustainable Homes - an overview

What is the Code for Sustainable Homes?

The Code measures the sustainability of a home against nine design categories, rating the 'whole home' as a complete package. The design categories are:

- Energy and CO2 Emissions
- Water
- Materials
- Surface Water Run-off
- Waste
  
- Pollution
- Health and Wellbeing
- Management
- Ecology

Each category includes a number of environmental issues that have a potential impact on the environment. The issues can be assessed against a performance target and awarded one or more credits. Performance targets are more demanding than the minimum standard needed to satisfy Building Regulations or other legislation. They represent good or best practice, are technically feasible, and can be delivered by the building industry.

A mark of quality

In this era, with a more environmentally-conscious public, aware of the urgent need to limit their effects on climate change, there is a growing appetite amongst consumers for more sustainable products and services. With greater demand for homes that offer reduced environmental impact, lower running costs and features that enhance health and well-being, there is an increased need for home builders to demonstrate their capacity in sustainable home building, and to market the sustainability of their homes to homebuyers. The Code offers a tool for home builders to demonstrate the sustainability performance of their homes, and to differentiate themselves from their competitors.

A signal for the future

The Code is closely linked to Building Regulations, which are the minimum building standards required by law. Minimum standards for Code compliance have been set above the requirements of Building Regulations. The Code signals the future direction of Building Regulations in relation to carbon emissions from, and energy use in homes, providing greater regulatory certainty for the homebuilding industry.

The sustainability rating system

The Code uses a sustainability rating system - indicated by 'stars', to communicate the overall sustainability performance of a home. A home can achieve a sustainability rating from one star to six stars depending on the extent to which it has achieved Code standards. One star is the entry level - above the level of the Building Regulations; and six stars is the highest level - reflecting exemplar development in sustainability terms.

Achieving a sustainability rating







The sustainability rating which a home achieves represents its overall performance across the nine Code design categories. Minimum standards exist for a number of categories - these must be achieved to gain a one star sustainability rating. Energy efficiency and water efficiency categories also have minimum standards that must be achieved at every level of the Code, recognising their importance to the sustainability of any home.

Apart from these minimum requirements the Code is completely flexible; developers can choose which and how many standards they implement to obtain 'credits' under the Code in order to achieve a higher sustainability rating.

# Development Overview



Plan not completed

<b>Project Name</b>	Elmsbrook Phase 3 & 4	
<b>Value</b>	50,000,000.00	
<b>Address</b>		
<b>Type Of Construction</b>		
<b>Number of Houses</b>	232	
<b>Number of Apartments</b>		
<b>Site Manager</b>	Peter Yohane	<b>Contact Number</b>
<b>Start Date</b>	12/03/18	
<b>End Date</b>	30/09/22	
<b>Waste Storage Area Identified?</b>		
<b>Hazardous Waste Site Registration?</b>		
<b>Specialist Waste Carrier Required?</b>		
<b>Access For Waste Collection?</b>		
<b>Further Information From Client?</b>		
<b>Additional Client Requirements?</b>		
<b>Have Targets for Waste Reduction Been Set?</b>		
<b>Copy of Targets is Attached to this Plan?</b>		
<b>Individual responsible for the planning and preparation of this plan</b>		<b>Contract Manager</b>
<b>Additional comments</b>		

The Site Waste Management Plan will be reviewed by Reconomy and Crest Nicholson on site

This plan has taken into account the Code for Sustainable Homes May 2009 Technical Guide and November 2010 Technical Guide.















## Overview of Project



Plan not completed

Item	Comments
	<p>Crest Nicholson and Reconomy use the waste hierarchy of Reduce Reuse and Recycle to define their approach to waste management. We aim to reduce the waste created through the design process, then look to re-use waste produced on site and where this isn't practicable we aim to recycle.</p>
	<p>Reconomy, on behalf of Crest Nicholson, monitor and record all waste removed from site. This data includes total tonnage, recycled percentages, contractor used, and destination of waste.</p>
	<p>This tool automatically updates with the data collected from any transfer with 1 hour, ensuring, when refreshed, the plan is continually up to date.</p>
	<p>At design stage timber, inert and mixed metal waste and other non-hazardous waste groups that have the potential to be reduced. The targets produced for this plan for these waste groups take this reduction into consideration and actual waste produced will be monitored to compare against these targets on a tonnage basis.</p>
	<p>As our waste management solutions provider, Reconomy aim to divert from landfill significant proportions of timber, inert and mixed metal waste and other non-hazardous waste groups. The amount of waste that is collected which is diverted from landfill is monitored and reported in this plan.</p>
	<p>Waste is segregated on site, the site manager has responsibility for this. As the waste solutions provider Reconomy collect the waste suitable for recycling</p>
	<p>Crest Nicholson have a contract with Reconomy to provide build phase waste management services. All waste transfers are logged with contractor, and transactions and waste management sites recorded. Reconomy as the designated waste management solutions provider maintain legal compliance as an integral part of their ISO certified management system. This specifically includes all aspects of the Duty of Care requirements and waste carrier registration requirements.</p>
	<p>All employees are aware of the companies' waste management procedures and best practice standards, which are covered in the employees' site induction</p>
	<p>Post completion this plan will be reviewed and updated with regard to any changes to quantity and cost.</p>
	<p>Targets are set using previous data and set against our benchmark target of 29m3. We will continuously strive for better performance and set targets using the actual data collected</p>

## Group Waste Minimisation






Plan not completed

Waste Origin	Waste Type	Opportunities for waste reduction	Implemented? (if not, why not?)	Quantified Reduction	Units
Superstructure	Brick and block	Crest Nicholson are using smart roof systems and spandrel panels to reduce brick and block wastage	Specified within the design specification	0.2	Tonnes per plot
Finishing	Hazardous Waste	Take back scheme for empty paint tins back to manufacturer	Storage provided on site to consolidate waste for collection and reuse	0.1	tonne per plot
2nd fix	Plasterboard	Waste reduced in design specification, remaining waste may be recycled into products	Board waste is segregated to facilitate its recycling and recovery	0.2	Tonnes per plot

## Site Segregation



Plan not completed

Item	Comments
	A designated area has been identified for waste management for each phase.
	All hazardous waste will be segregated from all other wastes and clearly labelled.
	Clear signage will be provided for all skips.

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## Waste Minimisation



Phase not completed

## Benchmark Plot Output Quantities

<b>Material on Site</b>		<b>Reuse and Recycling</b>		
<b>Expected Waste Material</b>	<b>Estimated Volume (M<sup>3</sup>)</b>	<b>On-site</b> Specify proposed reuse or on-site recycling methods	<b>Off-site</b> Specify how and what method	<b>Specify who to remove</b>
Excavated Material 17-05-04 or 17-05-03	20 <sup>3</sup> m or 35t x number of units	Spread into oversite area / around plots or remove with lorries to an another site	Wagons filled by plant and transferred to facility for reuse or recycling	Reconomy
Timber 17-02-01	4 <sup>3</sup> m or 1.4t x number of units	Place in segregated skip	Transport to Transfer Station for recycling	Reconomy
Gypsum/Plasterboard 17-08-02	2.7 <sup>3</sup> m or 0.9t x number of units	Place in segregated skip	Transport to Transfer Station for recycling	Reconomy
Compactable Skip - Canteen/Office 20-03-01	14 <sup>3</sup> m or 2.8t x number of units	Place in segregated skip	Transport to Transfer Station for recycling	Reconomy
Inert – Bricks/ Concrete/Tiles/Ceramic 17-01-07	0.76 <sup>3</sup> m or 0.9t x number of units	Crushed on site and at the end of site placed into a segregated skip	Transport to Transfer Station for recycling	Reconomy
Hazardous 15-01-10	0.2 <sup>3</sup> m or 0.05t x number of units	Place in segregated skip	Transport to Transfer Station for recycling	Reconomy
Active Waste Material that cannot be segregated on site for site constraints 17-09-04	1 <sup>3</sup> m or 0.75t	Place in skip	Transport to Transfer Station for re-cycling approximately 70 recycled	Reconomy
Metals Herrass Fencing/ Reinforcement/ lintels Beams 17-04-07	0.2 <sup>3</sup> m or 0.08t x number of units	Place in segregated skip	Transport to Transfer Station for recycling	Reconomy

Overall output per plot = 42.55 tonnes

Rev 2 24.05.11

# Project Stage Checklist












Phase not completed

Item	Comments
 Has a careful evaluation of materials been made so that over-ordering and site wastage is reduced?	Yes, a careful evaluation of materials has been made to reduce site wastage and keep cost to a minimum
 Has full consideration been given to the use of secondary and recycled materials?	Site will re-use inert waste on site for footpaths and hard standing areas. Site will try and keep material wastage to a minimum.
 Is unwanted packaging to be returned to the supplier for recycling or re-use?	Site will remove all packaging waste to ensure that they comply with all duty of care procedures.
 Can unused materials be returned to supplier or used on another site?	Site expect very little unused materials, however these will be reused on other site if produced and if practical for that particular project

# Project Planning Checklist











 **Phase not completed**

Item	Comments
 <p>Has a project programme been developed to include likely waste arising? (how much, when and what types)</p>	<p>Site waste management plan and on site segregation has been implemented, The SWMP identifies the likely waste arising from the project. Monthly reports will be produced to highlight the volume, cost and type of waste produced.</p>
 <p>Has an area been designated for waste management, including segregation of waste?</p>	<p>Skip compound is located on site, which is easily accessible for site employees and the service provider.</p>
 <p>Can targets be set for different types of waste likely to arise from the project?</p>	<p>Monthly reports will be distributed by Reconomy Solutions to help monitor and set targets. Regular site visits by Reconomy Solutions Regional Manager will be completed to help review the plan and set waste targets.</p>
 <p>Has disposal of liquid wastes such as wash-down water, dewatering or toilet waste been considered?</p>	<p>Yes</p>
 <p>Have measures been put in place to deal with expected (and unexpected) hazardous waste?</p>	<p>Reconomy technical support team will remove all unexpected hazardous waste and audit trail will be updated in the plan. Site will utilise E.A 210 litre clip top drums and 1100 litre wheelie bin as part of the hazardous waste station, for removal of expected hazardous waste.</p>
 <p>Has agreement been sought from the sewage company for trade effluent discharge?</p>	<p>Yes</p>
 <p>Have opportunities been considered for re-use of materials on site i.e. crushing concrete?</p>	<p>Any material unable to be reused will be transported to local transfer station for crushing and further recycling and re-use.</p>
 <p>Have you considered what are the most appropriate sites for disposal of residual waste from the project?</p>	<p>Residual waste that is removed by Reconomy will be disposed of at licensed site. If residual waste is needed to be removed, copies of the licences are located in the site waste management plan.</p>
 <p>Are there opportunities for reducing disposal costs from waste materials, which may have commercial value?</p>	<p>On site segregation is implemented to help reduce waste cost from site.</p>



# Site Operations Checklist



Item	Comments
 Has responsibility for Waste Management and Compliance been assigned to a named individual?	The Project Manager will be responsible for the waste management on site.
 Have Reconomy attended site to assess waste output and demonstrate best practice for all of site requirements?	Reconomy have assisted site in the implementation of the waste management plan. Reconomy will visit the sites on a regular basis to help set targets and demonstrate good waste management practice.
 Are containers/skips clearly labelled to avoid confusion?	Signage will be used on site and will be clearly labelled on the segregated skips.
 Are the Duty of Care procedures complied with, including the provision of transfer notes and authorisation checks of registered carriers, registered exempt sites and licensed waste management facilities?	Reconomy will record and keep copies of all of sites transfer notes for two years. Reconomy compliance team has carried out authorised checks on the chosen service provider. All relevant carriers licences details are located in sites waste management plan
 Are any checks made that excavation waste is received at the intended site?	Yes
 Is implementation of agreed waste management procedures monitored?	Reports are produced on a monthly basis to ensure that site is following the agreed waste management plan. Reconomy Regional Account Manager will visit site on a regular basis to monitor sites performance.
 Are reports regularly produced regarding waste quantities and treatment/disposal routes, and on costs incurred?	Monthly reports are produced that identify cost and quantities of waste removed from site.
 Record quantities of waste?	Yes
 During site operations, are barriers to good waste management practice considered and noted for incorporation into the post-completion review?	All employees are aware of the companies waste management procedures and best practice standards, which are noted in the employees' site induction.
 Toolbox talks	Reconomy Regional Account Manager will visit the site on a regular basis to provide toolbox talks on best practice site waste management

## Sign-off

I hereby confirm that any information given above will form part of the Site Waste Management Plan, and as such, is current and correct. In addition, I confirm compliance with the requirements of Duty of Care and that material will be handled efficiently and waste managed appropriately.

Signature .....

Full name .....

Position .....

Company .....

## 2.1 Build phase



### Build Phase details



<b>Phase description</b>	Build
<b>Person(s) in charge of site works</b>	Peter Yohane

<b>Period 1</b>	12th March 2018 - 12th June 2018
<b>Period 2</b>	12th June 2018 - 12th September 2018
<b>Period 3</b>	12th September 2018 - 12th December 2018
<b>Period 4</b>	12th December 2018 - 12th March 2019
<b>Period 5</b>	12th March 2019 - 12th June 2019
<b>Period 6</b>	12th June 2019 - 12th September 2019
<b>Period 7</b>	12th September 2019 - 12th December 2019
<b>Period 8</b>	12th December 2019 - 12th March 2020
<b>Period 9</b>	12th March 2020 - 12th June 2020
<b>Period 10</b>	12th June 2020 - 12th September 2020
<b>Period 11</b>	12th September 2020 - 12th December 2020
<b>Period 12</b>	12th December 2020 - 12th March 2021
<b>Period 13</b>	12th March 2021 - 12th June 2021
<b>Period 14</b>	12th June 2021 - 12th September 2021
<b>Period 15</b>	12th September 2021 - 12th December 2021
<b>Period 16</b>	12th December 2021 - 12th March 2022
<b>Period 17</b>	12th March 2022 - 12th June 2022
<b>Period 18</b>	12th June 2022 - 12th September 2022
<b>Period 19</b>	12th September 2022 - 30th September 2022

Contractor	Waste carrier	Registration no.	Disposal site	Type of site	License permit / exemption no.
Reconomy	Reconomy (UK) Ltd	CBDU64227	TST999 - Virtual Transfer Station Site 1	Transfer Station	123456

#### Declaration

**Crest Nicholson** confirms compliance with the requirements of Duty of Care and that all materials will be handled efficiently and waste managed appropriately.

## 2.2 Build phase



### Waste to be created



	Waste Type	EWC code	Predicted	Re-use on site	Recycle	Dispose	Container	Number
<input type="checkbox"/>	Mixed construction waste	17-09-04	174 T		147.9 T	26.1 T		
<input type="checkbox"/>	Light mixed and compactable waste	17-09-04 + 20-03-01	649.6 T		552.2 T	97.4 T		
<input type="checkbox"/>	Mixed inert wastes	17-01-07	208.8 T		208.8 T			
<input type="checkbox"/>	Timber from construction	17-02-01	324.8 T		324.8 T			
<input type="checkbox"/>	Plasterboard	17-08-02	208.8 T		208.8 T			
<input type="checkbox"/>	Mixed metals from construction	17-04-07	18.56 T		18.6 T			
<input type="checkbox"/>	Haz Waste station Collection	20-01-27	11.6 T		8.7 T	2.9 T		
	<b>Totals</b>		<b>1596.16 T</b>	<b>0 T</b>	<b>1469.8 T</b>	<b>126.4 T</b>		<b>0</b>

## 2.3 Build phase

# Waste created



Section not completed

## Actual

No data recorded yet.

Reconomy's figures last updated 8th February 2018. Click the **Refresh** button above to check for the latest Reconomy data. Click the **Detail** button above to view how the Reconomy figures were derived.

## Difference from predicted

Waste Type	EWC code	Produced	Re-use on site	Recycle	Dispose
<input type="checkbox"/> Mixed construction waste	17-09-04	-174 T	0 T	-147.9 T	-26.1 T
<input type="checkbox"/> Light mixed and compactable waste	17-09-04 + 20-03-01	-649.6 T	0 T	-552.2 T	-97.4 T
<input type="checkbox"/> Mixed inert wastes	17-01-07	-208.8 T	0 T	-208.8 T	0 T
<input type="checkbox"/> Timber from construction	17-02-01	-324.8 T	0 T	-324.8 T	0 T
<input type="checkbox"/> Plasterboard	17-08-02	-208.8 T	0 T	-208.8 T	0 T
<input type="checkbox"/> Mixed metals from construction	17-04-07	-18.56 T	0 T	-18.6 T	0 T
<input type="checkbox"/> Haz Waste station Collection	20-01-27	-11.6 T	0 T	-8.7 T	-2.9 T
<b>Totals</b>		<b>-1596.16 T</b>	<b>0 T</b>	<b>-1469.8 T</b>	<b>-126.4 T</b>

## 2.4 Build phase



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### Additional documentation

Attach any additional documentation relating to this phase in here.



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# Declaration

We confirm compliance with the requirements of Duty of Care and that all materials will be handled efficiently and waste managed appropriately.

In certain circumstances Reconomy may have to rely on estimated tonnage and in such circumstances will use its best endeavours to ensure that the data is correct utilising as its base, industry averages; however the Company accepts no liability as to the precise accuracy of the same.

Signature .....

Full name .....

Position .....

Company .....





## 3.2 Post completion summary



# Post Completion Checklist



Section not completed

Item	Comments
Has a final report for the use of recycled and secondary materials, waste reduction, segregation, recovery and disposal, with costs and savings identified, been completed, incorporating benchmark measures?	
Has the plan been monitored and updated in accordance with the regulation?	
How did estimated waste quantities of each type of waste compare against actual quantities of each waste type?	
Was there any deviation from the plan?	
If yes, explain the reason for and nature of any deviation.	
Please detail any cost savings made as a result of completing and implementing the site waste management plan.	
Please detail any targets set for the reduction of wastes.	
Has the performance of the site been reviewed against the targets for waste reduction	
Have any necessary amendments been identified for future plans?	
Have any key waste management issues been considered for action at future projects?	
Compare the deviation of costs and quantities of waste produced.	
Any other comments?	

### 3.3 Post completion summary



## Post completion summary

### Build phase

#### Predicted

	Waste Type	EWC code	Produced	Re-use on site	Recycle	Dispose
<input type="checkbox"/>	Mixed construction waste	17-09-04	174 T		147.9 T	26.1 T
<input type="checkbox"/>	Light mixed and compactable waste	17-09-04 + 20-03-01	649.6 T		552.2 T	97.4 T
<input type="checkbox"/>	Mixed inert wastes	17-01-07	208.8 T		208.8 T	
<input type="checkbox"/>	Timber from construction	17-02-01	324.8 T		324.8 T	
<input type="checkbox"/>	Plasterboard	17-08-02	208.8 T		208.8 T	
<input type="checkbox"/>	Mixed metals from construction	17-04-07	18.56 T		18.6 T	
<input type="checkbox"/>	Haz Waste station Collection	20-01-27	11.6 T		8.7 T	2.9 T
	<b>Totals</b>		<b>1596.16 T</b>	<b>0 T</b>	<b>1469.8 T</b>	<b>126.4 T</b>

#### Actual

No data recorded yet.

#### Difference

	Waste Type	EWC code	Produced	Re-use on site	Recycle	Dispose
<input type="checkbox"/>	Mixed construction waste	17-09-04	-174 T	0 T	-147.9 T	-26.1 T
<input type="checkbox"/>	Light mixed and compactable waste	17-09-04 + 20-03-01	-649.6 T	0 T	-552.2 T	-97.4 T
<input type="checkbox"/>	Mixed inert wastes	17-01-07	-208.8 T	0 T	-208.8 T	0 T
<input type="checkbox"/>	Timber from construction	17-02-01	-324.8 T	0 T	-324.8 T	0 T
<input type="checkbox"/>	Plasterboard	17-08-02	-208.8 T	0 T	-208.8 T	0 T
<input type="checkbox"/>	Mixed metals from construction	17-04-07	-18.56 T	0 T	-18.6 T	0 T
<input type="checkbox"/>	Haz Waste station Collection	20-01-27	-11.6 T	0 T	-8.7 T	-2.9 T
	<b>Totals</b>		<b>-1596.16 T</b>	<b>0 T</b>	<b>-1469.8 T</b>	<b>-126.4 T</b>

### 3.4 Post completion summary



## Sign-off

I hereby confirm that any information given above will form part of the Site Waste Management Plan, and as such, is current and correct. In addition, I confirm compliance with the requirements of Duty of Care and that material will be handled efficiently and waste managed appropriately.

Signature .....

Full name .....

Position .....

Company .....

# Overview - The Site Waste Management Plans Regulations 2008

## Introduction

The Site Waste Management Plans Regulations 2008 were laid before Parliament on 15<sup>th</sup> February 2008, and came into full force on 6<sup>th</sup> April 2008. The regulations do not apply to any project that was planned before 6<sup>th</sup> April, if construction work commenced before 1<sup>st</sup> July 2008.

They apply to all projects with a value of £300k or more, with additional updating requirements for projects with a value of £500k or more.

The regulations place the initial responsibility for the production of the plan with the client. The client must produce the plan before the project is started. If a project is started without a site waste management plan, then both the client and the principal contractor are guilty of an offence under these regulations. The regulations also lay out what the plan must include.

### Requirements for a site waste management plan:

The plan must identify:

- The client
- The principal contractor
- The person who drafted it
- The location of the site
- The estimated cost of the project

It must record any decision made in order to minimise the quantity of waste produced on site before the plan was drafted.

It must:

- Describe each waste expected to be produced
- Estimate the quantity of each type of waste
- Identify the waste management action for each type of waste including re-using, recycling, recovery or disposal.

It must also contain a declaration that both the client and the principal contractor will comply with the requirements of Duty of Care and that materials will be handled efficiently and waste managed appropriately.

## Updating the plan

Once the project starts then the regulations place an obligation on the principal contractor to update the plan. If the project has a value of less than £500k then they must record details of the identity of the person removing the wastes, the types of waste removed and the site the waste is being taken to. They must also, within three months of the completion of the project, add a confirmation that wastes have been monitored and the plan updated to reflect any changes along with an explanation of any deviation from the plan.

If the project is worth more than £500k, then these requirements are increased to include further, more clearly defined, Duty of Care information. The principal contractor must also:

- 1) Review the plan
- 2) Record quantities and types of waste produced
- 3) Record the types and quantities of waste that have been:
  - a) Reused (on or off site)
  - b) Recycled (on or off site)
  - c) Sent of other forms of recovery (on or off site)
  - d) Sent to landfill
  - e) Otherwise disposed of
- 4) Update the plan to reflect the progress of the project

Within three months of the work being completed the principal contractor must add to the plan:

- Confirmation that the plan has been monitored and updated in accordance with the regulation
- A comparison of estimated quantities of each type of waste generated against the actual quantities of each waste type
- An explanation of any deviation from the plan
- An estimate of the cost savings that have been achieved by completing and implementing the plan (an increased cost will effectively be a negative saving)

The principal contractor must ensure that the plan is kept on site, and every contractor knows where it is kept. It must be available to any contractor carrying any work described in the plan

The principal contractor must retain the plan for two years following the completion of the project.

### **Additional Duties**

In addition to the requirements laid out in the regulations the Client and Principal Contractor must, so far as is reasonably practicable, comply with a number of additional duties laid out in the Schedule to the regulations.

These include:

- Ensuring cooperation between contactors during the construction phase.
- Induction, information and training for every worker, with respect to the site waste management plan.
- Ensuring that waste produced is reused, recycled or recovered

There are also a number of other requirements relating to joint responsibilities for both the client and Principal contractor.

Failure to comply with this schedule is also an offence.

### **Enforcement and Penalties**

The Environment Agency and local government or council enforcement officers will enforce these regulations.

A person found guilty of an offence is liable, on summary conviction to a fine not exceeding £50k or on indictment to an unlimited fine. Where a corporate body is guilty of an offence, individual liability also applies to directors, managers and other persons acting in a similar capacity.

The enforcement body may also issue a £300 fixed penalty notice if any person fails to produce a site waste management plan or any other record when required to do so by an Enforcement Officers.

## Waste Carriers and Brokers Registration Certificate

### 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	Reconomy (UK) Ltd.
Registered as	an upper tier waste carrier
Registration number	CBDU64227
Address of place of business	Reconomy (UK) Ltd. Kelsall House Stafford Court Stafford Park 1 Telford TF3 3BD
Telephone number	01952 211782
Date of registration	Wednesday 2nd September 2015
Expiry date of registration (unless revoked)	Wednesday 26th September 2018

## 4.3 Appendices



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# Additional documentation

Attach any additional documentation relating to this plan in here.

## 4.4 Appendices



# Change log

Date	Section	Description	User
08/02/18	Build Phase details	Refreshed list of Reconomy contractors.	
08/02/18	Waste created	Refreshed ORB progress data.	
07/02/18	Build Phase details	Refreshed list of Reconomy contractors.	
07/02/18	Waste created	Refreshed ORB progress data.	
06/02/18	Build Phase details	Refreshed list of Reconomy contractors.	
06/02/18	Waste created	Refreshed ORB progress data.	
05/02/18	Build Phase details	Refreshed list of Reconomy contractors.	
05/02/18	Waste created	Refreshed ORB progress data.	
04/02/18	Build Phase details	Refreshed list of Reconomy contractors.	
04/02/18	Waste created	Refreshed ORB progress data.	
03/02/18	Build Phase details	Refreshed list of Reconomy contractors.	
03/02/18	Waste created	Refreshed ORB progress data.	
02/02/18	Build Phase details	Refreshed list of Reconomy contractors.	
02/02/18	Waste created	Refreshed ORB progress data.	
01/02/18	Build Phase details	Refreshed list of Reconomy contractors.	
01/02/18	Waste created	Refreshed ORB progress data.	
31/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
31/01/18	Waste created	Refreshed ORB progress data.	
30/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
30/01/18	Waste created	Refreshed ORB progress data.	
29/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
29/01/18	Waste created	Refreshed ORB progress data.	
28/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
28/01/18	Waste created	Refreshed ORB progress data.	



Date	Section	Description	User
27/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
27/01/18	Waste created	Refreshed ORB progress data.	
26/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
26/01/18	Waste created	Refreshed ORB progress data.	
25/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
25/01/18	Waste created	Refreshed ORB progress data.	
24/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
24/01/18	Waste created	Refreshed ORB progress data.	
23/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
23/01/18	Waste created	Refreshed ORB progress data.	
22/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
22/01/18	Waste created	Refreshed ORB progress data.	
21/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
21/01/18	Waste created	Refreshed ORB progress data.	
20/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
20/01/18	Waste created	Refreshed ORB progress data.	
19/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
19/01/18	Waste created	Refreshed ORB progress data.	
18/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
18/01/18	Waste created	Refreshed ORB progress data.	
17/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
17/01/18	Waste created	Refreshed ORB progress data.	
16/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
16/01/18	Waste created	Refreshed ORB progress data.	
15/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
15/01/18	Waste created	Refreshed ORB progress data.	
14/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
14/01/18	Waste created	Refreshed ORB progress data.	

Date	Section	Description	User
13/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
13/01/18	Waste created	Refreshed ORB progress data.	
12/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
12/01/18	Waste created	Refreshed ORB progress data.	
11/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
11/01/18	Waste created	Refreshed ORB progress data.	
10/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
10/01/18	Waste created	Refreshed ORB progress data.	
09/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
09/01/18	Waste created	Refreshed ORB progress data.	
08/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
08/01/18	Waste created	Refreshed ORB progress data.	
07/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
07/01/18	Waste created	Refreshed ORB progress data.	
06/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
06/01/18	Waste created	Refreshed ORB progress data.	
05/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
05/01/18	Waste created	Refreshed ORB progress data.	
04/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
04/01/18	Waste created	Refreshed ORB progress data.	
03/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
03/01/18	Waste created	Refreshed ORB progress data.	
02/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
02/01/18	Waste created	Refreshed ORB progress data.	
01/01/18	Build Phase details	Refreshed list of Reconomy contractors.	
01/01/18	Waste created	Refreshed ORB progress data.	
31/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
31/12/17	Waste created	Refreshed ORB progress data.	

Date	Section	Description	User
30/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
30/12/17	Waste created	Refreshed ORB progress data.	
29/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
29/12/17	Waste created	Refreshed ORB progress data.	
28/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
28/12/17	Waste created	Refreshed ORB progress data.	
27/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
27/12/17	Waste created	Refreshed ORB progress data.	
26/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
26/12/17	Waste created	Refreshed ORB progress data.	
25/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
25/12/17	Waste created	Refreshed ORB progress data.	
24/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
24/12/17	Waste created	Refreshed ORB progress data.	
23/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
23/12/17	Waste created	Refreshed ORB progress data.	
22/12/17	Build Phase details	Refreshed list of Reconomy contractors.	
22/12/17	Waste created	Refreshed ORB progress data.	
22/12/17	Build Phase details	Set phase description	Paul Wellington (Reconomy)
22/12/17	Build Phase details	Set persons in charge	Paul Wellington (Reconomy)
22/12/17	Build Phase details	Set contract numbers	Paul Wellington (Reconomy)
22/12/17	Build Phase details	Checked for latest records of Reconomy contractors	Paul Wellington (Reconomy)
22/12/17	Build Phase details	Set waste metric to Tonnes	Paul Wellington (Reconomy)
22/12/17	Build Phase details	Set phase description	Paul Wellington (Reconomy)
22/12/17	Build Phase details	Set waste metric to Tonnes	Paul Wellington (Reconomy)
22/12/17	Site Operations Checklist	Checked as 'yes': Are containers/skips clearly labelled to avoid confusion?	Paul Wellington (Reconomy)

Date	Section	Description	User
22/12/17	Site Operations Checklist	Checked as 'yes': Are the Duty of Care procedures complied with, including the provision of transfer notes and authorisation checks of registered carriers, registered exempt sites and licensed waste management facilities?	Paul Wellington (Reconomy)
22/12/17	Site Operations Checklist	Checked as 'yes': Are any checks made that excavation waste is received at the intended site?	Paul Wellington (Reconomy)
22/12/17	Site Operations Checklist	Checked as 'yes': Is implementation of agreed waste management procedures monitored?	Paul Wellington (Reconomy)
22/12/17	Site Operations Checklist	Checked as 'yes': Are reports regularly produced regarding waste quantities and treatment/disposal routes, and on costs incurred?	Paul Wellington (Reconomy)
22/12/17	Site Operations Checklist	Checked as 'yes': Record quantities of waste?	Paul Wellington (Reconomy)
22/12/17	Site Operations Checklist	Checked as 'yes': During site operations, are barriers to good waste management practice considered and noted for incorporation into the post-completion review?	Paul Wellington (Reconomy)
22/12/17	Site Operations Checklist	Checked as 'yes': Toolbox talks	Paul Wellington (Reconomy)
22/12/17	Site Operations Checklist	Checked as 'yes': Has responsibility for Waste Management and Compliance been assigned to a named individual?	Paul Wellington (Reconomy)
22/12/17	Site Operations Checklist	Checked as 'yes': Have Reconomy attended site to assess waste output and demonstrate best practice for all of site requirements?	Paul Wellington (Reconomy)
22/12/17	Project Planning Checklist	Checked as 'yes': Has a project programme been developed to include likely waste arising? (how much, when and what types)	Paul Wellington (Reconomy)
22/12/17	Project Planning Checklist	Checked as 'yes': Has an area been designated for waste management, including segregation of waste?	Paul Wellington (Reconomy)
22/12/17	Project Planning Checklist	Checked as 'yes': Can targets be set for different types of waste likely to arise from the project?	Paul Wellington (Reconomy)
22/12/17	Project Planning Checklist	Checked as 'yes': Has disposal of liquid wastes such as wash-down water, dewatering or toilet waste been considered?	Paul Wellington (Reconomy)
22/12/17	Project Planning Checklist	Checked as 'yes': Have measures been put in place to deal with expected (and unexpected) hazardous waste?	Paul Wellington (Reconomy)
22/12/17	Project Planning Checklist	Checked as 'yes': Has agreement been sought from the sewage company for trade effluent discharge?	Paul Wellington (Reconomy)
22/12/17	Project Planning Checklist	Checked as 'yes': Have opportunities been considered for re-use of materials on site i.e. crushing concrete?	Paul Wellington (Reconomy)
22/12/17	Project Planning Checklist	Checked as 'yes': Have you considered what are the most appropriate sites for disposal of residual waste from the project?	Paul Wellington (Reconomy)
22/12/17	Project Planning Checklist	Checked as 'yes': Are there opportunities for reducing disposal costs from waste materials, which may have commercial value?	Paul Wellington (Reconomy)
22/12/17	Project Stage Checklist	Checked as 'yes': Has a careful evaluation of materials been made so that over-ordering and site wastage is reduced?	Paul Wellington (Reconomy)
22/12/17	Project Stage Checklist	Checked as 'yes': Has full consideration been given to the use of secondary and recycled materials?	Paul Wellington (Reconomy)
22/12/17	Project Stage Checklist	Checked as 'yes': Is unwanted packaging to be returned to the supplier for recycling or re-use?	Paul Wellington (Reconomy)

Date	Section	Description	User
22/12/17	Project Stage Checklist	Checked as 'yes': Can unused materials be returned to supplier or used on another site?	Paul Wellington (Reconomy)
22/12/17	Site Segregation	Checked as 'yes': A designated area has been identified for waste management for each phase.	Paul Wellington (Reconomy)
22/12/17	Site Segregation	Checked as 'yes': All hazardous waste will be segregated from all other wastes and clearly labelled.	Paul Wellington (Reconomy)
22/12/17	Site Segregation	Checked as 'yes': Clear signage will be provided for all skips.	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': Crest Nicholson and Reconomy use the waste hierarchy of Reduce Reuse and Recycle to define their approach to waste management. We aim to reduce the waste created through the design process, then look to re-use waste produced on site and	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': Reconomy, on behalf of Crest Nicholson, monitor and record all waste removed from site. This data includes total tonnage, recycled percentages, contractor used, and destination of waste.	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': This tool automatically updates with the data collected from any transfer with 1 hour, ensuring, when refreshed, the plan is continually up to date.	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': At design stage timber, inert and mixed metal waste and other non-hazardous waste groups that have the potential to be reduced. The targets produced for this plan for these waste groups take this reduction into consideration and actual w	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': As our waste management solutions provider, Reconomy aim to divert from landfill significant proportions of timber, inert and mixed metal waste and other non-hazardous waste groups. The amount of waste that is collected which is diverted	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': Waste is segregated on site, the site manager has responsibility for this. As the waste solutions provider Reconomy collect the waste suitable for recycling	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': Crest Nicholson have a contract with Reconomy to provide build phase waste management services. All waste transfers are logged with contractor, and transactions and waste management sites recorded. Reconomy as the designated waste manag	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': All employees are aware of the companies' waste management procedures and best practice standards, which are covered in the employees' site induction	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': Post completion this plan will be reviewed and updated with reagrd to any changes to quantity and cost.	Paul Wellington (Reconomy)
22/12/17	Overview of Project	Checked as 'yes': Targets are set using previous data and set against our benchmark target of 29m3. We will continuously strive for better performance and set targets using the actual data collected	Paul Wellington (Reconomy)