Site Waste Management Plan

Version 2.2

Project Stage	SWMP Section	Guidance	Compliance
Policy and setup	1 Enter Basic Details	Section 1.0	**Pre- Construction** Status: *Compliant* Non Compliances: **0 / 11** Review >
Preparation and concept design	2 Record Waste Prevention Actions	Section 2.0	
Detailed design	3 Forecast Waste Record Waste Reduction Actions	Section 3.0	
Pre-construction	Specify Waste Carriers 4 Plan Waste Destinations Record Waste Management and Recovery Actions	Section 4.0	
Construction	5 Enter Actual Waste Movements	Section 5.0	**Construction** Status: *Not compliant* Non Compliances: **16 / 16** Review >
Post completion and use	KPI's 6 Reporting Sign Declaration	Section 6.0	**Post Completion** Status: *Not compliant* Non Compliances: **2 / 2** Review >

Standard, Good and Best Practice Levels

Standard, Good and Best Practice Levels

Section 1.0 : Policy

Section 2.0 : Preparation & Concept Design

Section 3.0 : Detailed Design

Section 4.0 : Pre-construction

Section 5.0 : Construction

Section 6.0 : Post Completion & Use

wrap Material change for a better environment

? Tell me about this sheet

Basic Details

Client name :	A2 Dominion, P3Eco
Principal contractor :	Willmott Dixon and Hill Partnership
Owner of document :	Hyder Consulting
Project title :	Bicester Eco development: Exemplar Site
Project Reference :	Exemplar Site
Project location :	Bicester
Project postcode :	OX27 8TG
Construction value :	£65,000,000.00
Type of construction :	Mixed use developments
Activity :	New construction

Metrics

Please select metrics applicable to your project. These metrics are then used in the KPI sheet to track your progress.

Metric	Amount	Unit
Footprint (m2) of site	211,245	m2
Gross Internal Floor Area	1,280	m2

Project targets

Please select project targets applicable to your project

Target	Amount	Unit
Waste to landfill	0	t
Recycled content	20	%

Schedule

Start date :	31/09/2011	dd/mm/yy
Completion date :		dd/mm/yy

Persons legally required to be identified (SWMP Regulations 2008 Section 6 (1))		
Position	**Name**	**Contact Details**
Client	A2 Dominion, P3Eco	
Principal Contractor	Willmott Dixon and Hill Partnership	
Site Waste Management Plan Drafter	Hyder Consulting	5th Floor, The Pithay, All Saints Street, Bristol, BS1 2NL. Tel: 01173721289. natalia.fernandes-ferro@hyderconsulting.com
Others (not legally required)		
Client WM Representative (if applicable)		
Project Manager		
Waste Management Coordinator/Champion		

Design Coordinator		
Document Controller / Secretary		

Confirmation 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 in accordance with the SWMP Regulations (2008). Required for all projects	
Signed by:	
Organisation:	
Position:	
Date:	
Signed by:	
Organisation:	
Position:	
Date:	

	Explanation of any deviation from the plan. Required for all projects (Required for projects over £500,000)
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	Where relevant, drawing on any lessons learnt, an action plan to address these for the next project (Required for projects over £500,000)
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I have :

recorded any decisions taken before the Site Wate Management Plan was drafted, on the nature of the project construction method or materials employed in order to minimise the quantity of waste produced on site	Yes

Waste Actions

Enter actions in the next available row below

Number	Type of Waste Action	Action Taken	Action owner	Reference to project document /	Waste stream	Material type	Estimated Cost Saving	Waste reduced		Date for completion (dd/mm/vvvv)	Status
								(m^3)	(tonnes)		
1	Waste Reduction Action	Complete a WRAP Designing out Waste Workshop	Design Consultant		Mixed C&D waste (17 09 04)	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03					Incomplete
2	Waste Management and Recovery Action	Investigate options for recovering site won materials for reuse on site	Design Consultant		Inert - Soil & stones	soil and stones other than those mentioned in 17 05 03					Incomplete
3	Waste Prevention Action	Incorporate prefabricated elements where cost neutral/negative	Design Consultant		Mixed C&D waste (17 09 04)	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03					Incomplete
4	Waste Prevention Action	Use off-site fabrication of steel structure modules wherever possible	Design Consultant		Metals	iron and steel					Incomplete
5	Waste Reduction Action	Standardise flooring, glazing, cladding and roof material options	Design Consultant		Mixed C&D waste (17 09 04)	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03					Incomplete
6	Waste Prevention Action	Ensure that floor to ceiling heights are consistent to encourage off-site fabrication	Design Consultant		Mixed Hazardous - C&D waste (17 09 03*)	other construction and demolition wastes containing dangerous substances					
7	Waste Prevention Action	Use pre-cast concrete solutions for the stairs / stair wells	Design Consultant		Inert - mixture of concrete, bricks, tiles etc.	concrete					
8	Waste Prevention Action	Maximise prefabrication of steel reinforcement to cast in situ concrete elements	Design Consultant		Metals	iron and steel					
9	Waste Prevention Action	Minimise the number of 'bespoke' design solutions and maximise the number of standardised units and design details	Design Consultant		Mixed C&D waste (17 09 04)	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03					
10	Waste Reduction Action	Retain top soil, treat it onsite with compost (or other remediation) and use for soft landscaping, etc.	Willmott Dixon and Hill Partnership		Inert - Soil & stones	soil and stones other than those mentioned in 17 05 03					
11	Waste Reduction Action	Use existing soft landscape that can't be retained (trees, shrubs) as compost and soft landscape top mulch	Willmott Dixon and Hill Partnership		Wood	wood					

Tell me about:
2 Waste Prevention Actions
3 Waste Reduction Actions
4 Waste Management and Recovery Actions

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Waste Actions

Enter actions in the next available row below

Number	Type of Waste Action	Action Taken	Action owner	Reference to project document /	Waste stream	Material type	Estimated Cost Saving	Waste reduced		Date for completion (dd/mm/yyyy)	Status
								(m^3)	(tonnes)		
12	Waste Prevention Action	Use recycle aggregates (either onsite or off site) in concrete mix, as fill, etc.	Willmott Dixon and Hill Partnership		Inert - mixture of concrete, bricks, tiles etc.	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06					
13	Waste Reduction Action	Reuse packaging by returning to supplier/manufacturer or using it for other purposes (e.g. Timber packaging pallets can be chipped and used for landscaping top mulch)	Willmott Dixon and Hill Partnership		Packaging	mixed packaging					
14	Waste Prevention Action	Embed all of the design options to be pursued into project briefings and procurement	Willmott Dixon and Hill Partnership								
15	Waste Management and Recovery Action	Use an on-site baler to compact paper, card and plastic packaging to take up less space ready for recycling	Willmott Dixon and Hill Partnership		Packaging	mixed packaging					
16	Waste Management and Recovery Action	Use the national colour -coding scheme for waste containers to ensure waste is separated efficiently	Willmott Dixon and Hill Partnership								
17	Waste Management and Recovery Action	Order materials in bulk where appropriate with minimal / reusable packaging where possible	Willmott Dixon and Hill Partnership								
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Tell me about:
2 Waste Prevention Actions
3 Waste Reduction Actions
4 Waste Management and Recovery Actions

I have :

recorded any decisions taken before the Site Wate Management Plan was drafted, on the nature of the project construction method or materials employed in order to minimise the quantity of waste produced on site	Yes

Waste Actions

Enter actions in the next available row below

Number	Type of Waste Action	Action Taken	Action owner	Reference to project document /	Waste stream	Material type	Estimated Cost Saving	Waste reduced		Date for completion (dd/mm/yyyy)	Status
								(m^3)	(tonnes)		
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Material change for
a better environment

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Tell me about this sheet

A2 Dominion, P3Eco
Willmott Dixon and Hill Partnership
icester Eco development: Exemplar Site

Exemplar Site

I have :

described each waste type expected to be produced in the course of the project:	Yes

Forecast Waste

C, D or E Activity	Waste Stream	Material Type	Further description of waste - optional	Suggested LOW Code	Waste or Re-Use	Forecast Quantities		Calculated Quantities (Converting between m^3 and t)		Forecast provided by
						(m^3)	(tonnes)	(m^3)	(tonnes)	
Construction	Gypsum (17 08 02)			17 08 02	On-site re-use		263.31	797.91	263.31	Hyder Consulting
Construction	Metals			17 04 07	Off-site segregated		116.96	278.48	116.96	Hyder Consulting
Construction	Wood			17 02 01	Off-site segregated		265.76	781.65	265.76	Hyder Consulting
Construction	Packaging			15 01 06	Off-site segregated		235.77	1122.71	235.77	Hyder Consulting
Construction	Inert - mixture of concrete, bricks, tiles etc.			17 01 07	On-site recycled		1745.14	1407.37	1745.14	Hyder Consulting
Construction	Mixed Hazardous - C&D waste (17 09 03*)			17 09 03*	Off-site mixed		22.25	25.57	22.25	Hyder Consulting
Construction	Mixed C&D waste (17 09 04)			17 09 04	Off-site segregated		657.59	755.85	657.59	Hyder Consulting
Construction	Segregated Haz Waste	aqueous liquid wastes containing dangerous substances		16 10 01*	Off-site segregated		17.37	19.30	17.37	Hyder Consulting
Construction	Other C&D segregated waste	mixed municipal waste		20 03 01	Off-site segregated		158.73	755.86	158.73	Hyder Consulting
Construction	Other C&D segregated waste	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35		20 01 36	Off-site segregated		16.96	67.84	16.96	Hyder Consulting
Construction	Other C&D segregated waste	Furniture and bulky items		20 03 07	Off-site segregated		6.45	35.83	6.45	Hyder Consulting
Construction	Other C&D segregated waste	insulation materials other than those mentioned in 17 06 01 and 17 06 03		17 06 04	Off-site segregated		112.01	448.04	112.01	Hyder Consulting
Construction	Other C&D segregated waste	plastic		17 02 03	Off-site segregated		97.73	424.91	97.73	Hyder Consulting
Excavation	Inert - Soil & stones			17 05 04	On-site re-use		483.99	387.19	483.99	Hyder Consulting
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Material change for
a better environment

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Tell me about this sheet

A2 Dominion, P3Eco
Willmott Dixon and Hill Partnership
icester Eco development: Exemplar Site

Exemplar Site

I have :

described each waste type expected to be produced in the course of the project: Yes

Forecast Waste

						Forecast Quantities		**Calculated Quantities** (Converting between m^3 and t)		
C, D or E Activity	**Waste Stream**	**Material Type**	**Further description of waste - optional**	**Suggested LOW Code**	**Waste or Re-Use**	**(m^3)**	**(tonnes)**	**(m^3)**	**(tonnes)**	**Forecast provided by**
								0.00	0.00	
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Material change for a better environment

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Tell me about this sheet

I have :

Identified all persons removing the waste.	No
Identified all waste carriers and registration numbers.	No
A copy of, or reference to, the written description of the waste required by section 34 of the Environmental Protection Act 1990.	No
Identified that the sites that the waste is being taken to and whether the operators of those sites hold a permit under the Environmental Permitting (England and Wales) Regulations 2007 or are registered under those Regulations as a waste operation exempt from the need for such a permit.	No

Specify Waste Carriers

Name	Contact Details	Date checked with Environment Agency (dd/mm/yyyy)	Registration Number	Expiry Date (dd/mm/yyyy)

Specify Waste Management Facilities

Name	Type of facility	% reused if known	% recycled if known	% energy recovery if known	% total all forms of recovery	Overall diverted from landfill / recovery	Date checked with Environment Agency (dd/mm/yyyy)	Licence / Exemption Number	Location of relevant documentation, e.g. WTN	C, D or E Activity (Leave blank if same facility & recovery rate are used for different waste streams)	Waste Stream
K J Millard Ltd	Mixed waste sent off site					50%					
Dial-A-Skip Waste Management Ltd	Segragated waste sent off site					80%					
						0%					
						0%					
5						#N/A					
6						#N/A					
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Material change for a better environment

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Tell me about this sheet

A2 Dominion, P3Eco
Willmott Dixon and Hill Partnership
Bicester Eco development: Exemplar Site
Exemplar Site

I have :

Identified all persons removing the waste.	No
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						0%					
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						0%					
						0%					

I have identified :

the waste management action proposed for each different waste type, including re-using, recycling, recovery and disposal.	Yes

I have ensured that :

all waste from the site is dealt with in accordance with the waste duty of care in section 34 of the Environmental Protection Act 1990(3) and the Environmental Protection (Duty of Care) Regulations 1991(4); and	Yes
materials will be handled efficiently and waste managed appropriately	Yes

	Total (m^3)	Total (t)
Total from Waste Streams	4716.05	1707.58
Total Reused on site	2592.47	2492.44

Sign declaration (Print sheet and sign declaration or copy electronic signature)

Signed By:_____ Signed By:____

Organisation:_____ Organisation:____

Position:_____ Position:____

Plan Waste Destinations

Construction
Demolition
Excavation

Construction

Waste sent offsite	Forecast: Estimated Volume (m^3)	Forecast: Estimated (t)	Proposed Destination	% Diverted from landfill	Cost of waste disposal: £/m^3	Cost of waste disposal: £/t	Cost of waste disposal: Cost Forecast	Comments
Metals	278.48	116.96	Dial-A-Skip Waste Management Ltd	80%			FALSE	
Wood	781.65	265.76	Dial-A-Skip Waste Management Ltd	80%			FALSE	
Packaging	1122.71	235.77	Dial-A-Skip Waste Management Ltd	80%			FALSE	
Mixed Hazardous - C&D waste	25.57	22.25	K J Millard Ltd	50%			FALSE	
Mixed C&D waste	755.85	657.59	K J Millard Ltd	50%			FALSE	
Segregated Haz Waste	19.30	17.37	Dial-A-Skip Waste Management Ltd	80%			FALSE	
Other C&D segregated waste	1732.48	391.88	Dial-A-Skip Waste Management Ltd	80%			FALSE	
	4716.05	**1707.58**					**£0.00**	

Retained on site	Forecast: Estimated Volume (m^3)	Forecast: Estimated (t)
Reused on site	797.91	263.31
Recycled on site	1407.37	1745.14
	2205.28	**2008.45**

Demolition

Waste sent offsite	Forecast: Estimated Volume (m^3)	Forecast: Estimated (t)	Proposed Destination	% Diverted from landfill	Cost of waste disposal: £/m^3	Cost of waste disposal: £/t	Cost of waste disposal: Cost Forecast	Comments
	0.00	**0.00**					**£0.00**	

Retained on site	Forecast: Estimated Volume (m^3)	Forecast: Estimated (t)

Material change for a better environment

A2 Dominion, P3Eco
Willmott Dixon and Hill Partnership
Development: Exemplar Site
Exemplar Site

Tell me about this sheet

I have identified :

the waste management action proposed for each different waste type, including re-using, recycling, recovery and disposal.	Yes

I have ensured that :

all waste from the site is dealt with in accordance with the waste duty of care in section 34 of the Environmental Protection Act 1990(3) and the Environmental Protection (Duty of Care) Regulations 1991(4); and	Yes
materials will be handled efficiently and waste managed appropriately	Yes

	Total (m^3)	Total (t)
Total from Waste Streams	4716.05	1707.58
Total Reused on site	2592.47	2492.44

Sign declaration (Print sheet and sign declaration or copy electronic signature)

Signed By:_____ Signed By:____

Organisation:_____ Organisation:____

Position:_____ Position:____

Plan Waste Destinations

Construction
Demolition
Excavation

	0.00	**0.00**

Excavation

	Forecast				Cost of waste disposal			
Waste sent offsite	**Estimated Volume** (m^3)	**Estimated** (t)	**Proposed Destination**	**% Diverted from landfill**	**£/m^3**	**£/t**	**Cost Forecast**	**Comments**
	0.00	**0.00**					**£0.00**	

	Forecast	
Retained on site	**Estimated Volume** (m^3)	**Estimated** (t)
Reused on site	387.19	483.99
	387.19	**483.99**

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Tell me about this sheet

Waste Totals

Display summary as:
Tonnes

Waste Stream	Total waste arising (Tonnes)	Total waste retained on site (Tonnes)	Total waste sent offsite (Tonnes)	Total waste to landfill (Tonnes)	Total waste recovered offsite (Tonnes)	Cost of waste disposal
Inert - Soil & stones						£0.00
Hazardous - Soil & stones						£0.00
Non Haz (Non Inert) - Dredgings						£0.00
Segregated Haz - Soil & stones						£0.00
Gypsum						£0.00
Metals						£0.00
Wood						£0.00
Packaging						£0.00
Inert - Building rubble						£0.00
Inert - Glass						£0.00
Mixed Hazardous - C&D waste						£0.00
Mixed C&D waste						£0.00
Segregated Haz Waste						£0.00
Other C&D segregated waste						£0.00
Total						**£0.00**

Actual Waste Movements

Movement Number	C, D or E Activity	Waste Stream	Material Type	Further description of waste - optional	LOW Code used	On or off-site destination	Off-site carrier	Off- site destination	Overide facility recovery rate for individual skin	Overall diversion from landfill / recovery (further detail	Date of Movement (dd/mm/yyyy)	Waste Totals (m³)	(tonnes)	Actual Cost	£/m³	£/t
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1.0 Policy

Step 1.1	Explanation	Practice Level	How to achieve	Guidance available to help
Policy / target setting	At this early stage it is advisable that high level targets are set which will govern and inform company strategy. These targets will then be incorporated into each construction project as they progress along the project lifecycle (and through the RIBA stages).	Standard	Set high level qualitative aspirational policy goals for company performance on reducing waste arisings and increasing waste recovery.	WRAP have produced a number of Model Procurement clauses which can be incorporated into procurement documents to help meet these requirements. The model wording relates to policy documents, invitation to tender documents, pre-qualification questionnaires or contractual appointment documents. Actions 1A, 1B and 1C contain model wording that helps clients and principal contractors to set corporate, high level and project specific targets for achieving resource efficiency in construction projects. The guidance can be found here: http://www.wrap.org.uk/construction/achieving_resource_efficiency/model_procurement_requirements/index.html
		Good	Insert quantified company wide targets for reducing waste arisings and increasing waste recovery into company policy documents.	
		Best	Process to insert quantified project specific waste reduction targets based on industry Best Practice benchmarks or previous project experience for reducing waste arisings and increasing waste recovery into company policy documents.	

Practice level targeted (please select)	Action (use to record more detail if you wish)
None	

Step 1.2	Explanation	Practice Level	How to achieve	Guidance available to help
Responsibilities (for the SWMP)	There are a number of required responsibilities for early stage coordination of the Site Waste Management Plan (SWMP). Responsibilities for the operation of the SWMP are listed below in section 5.1.	Standard	Meet requirements for identifying the client, principal contractor and person drafting the Site Waste Management Plan.	WRAP have produced a number of Model Procurement Requirements to help incorporate these requirements into prequalification questionnaires and invitation to tender documents The guidance can be found here: http://www.wrap.org.uk/construction/achieving_resource_efficiency/model_procurement_requirements/index.html
		Good	Involve all members of the project team and ensure everyone knows about SWMP and how it affects them.	
		Best	Include SWMP responsibilities as an agenda item at project team meetings, ensuring all team members are involved and contribute to project waste reduction and recovery actions.	

Practice level targeted (please select)	Action (use to record more detail if you wish)
None	

2.0 Preparation and Concept design

It is advisable that early on in the design process waste planning is included in the agenda of client and design team meetings. The design guidance document, Designing out Waste, identifies the process that can be applied to further achieve this aim:

Step 2.1	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Designing Out Waste	There are numerous opportunities to reduce waste during the design process. Designing out waste before it arises is one of the most efficient ways to reduce project waste arisings. However, as such decisions need to be taken early, engagement with the design team early on in the life of a project is key.	Standard	Capture decisions made that may have an impact on waste. These decisions may not have been taken with waste reduction in mind, but may have an effect on project waste arisings nonetheless.	WRAP provide regeneration and demolition guidance that can be found here: http://www.wrap.org.uk/construction/tools_and_guidance/regeneration.html WRAP provide guidance on Designing Out Waste, which can be found here: http://www.wrap.org.uk/construction	None	
		Good	Discuss with the project team at an early design stage how it might be best to reduce waste arisings through making changes to the design.			
		Best	Systematically identify, prioritise and implement waste reduction actions at the design stage. Consider cost, programme and waste reduction potential.			

3.0 Detailed Design

Step 3.1	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Estimate waste arisings	Estimating waste arisings involves identifying and recording the amount and destination of each waste stream that will be generated on site. The earlier in the project lifecycle that waste streams are estimated, the more opportunity there will be to prevent their creation.	Standard	Standard practice is to estimate waste arisings at the pre-construction stage.	WRAPs freely available Net Waste Tool allows you to enter simple project details and forecast likely waste arisings, together with suggesting waste reduction and segregation opportunities and recycled content material substitutions. The Net Waste Tool can be accessed here: http://nwtool.wrap.org.uk/ http://nwtool.wrap.org.uk/	None	
		Good	Forecast waste arisings for each component using industry data.			
		Best	Forecast waste arisings for each component using modified wastage rates based on past company experience.			

Step 3.2	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Target waste reductions	This Step involves identifying and recording waste reduction methods to reduce the quantity of waste estimated in Step 3.2.	Standard	Identify waste management action for each of the different waste types forecast to arise on the construction project, including re-using, recycling, recovery and disposal.	WRAPs freely available Net Waste Tool allows you to enter simple project details and forecast likely waste arisings, together with suggesting waste reduction and segregation opportunities and recycled content material substitutions. The Net Waste Tool can be accessed here: http://nwtool.wrap.org.uk/ http://nwtool.wrap.org.uk/ WRAP also provide guidance on logistics planning that can be found here: WRAP Logistics Planning Guidance: http://www.wrap.org.uk/construction/achieving_resource_efficiency/materials_logistic_plan/index.html	None	
		Good	Target waste arisings for each construction component using industry standard actions			
		Best	Target waste arisings for each construction component. As an example these actions could be to target accurate ordering (accurate material requirements, realistic wastage rates), logistics planning (delivery strategy, adequate storage, efficient movement of materials to the workface) or installation elements (efficient working and installation and storage of offcuts for reuse).			

4.0 Pre-construction

Step 4.1	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Forecast residual waste	In addition to designing out waste at (Step 2.1), and estimating outline waste arisings (Step 3.1), it is required to forecast residual waste arisings before going to site. This final residual waste forecast is the last and most detailed waste forecast that is done before site mobilisation. Once this final waste forecast is completed, waste management and recovery options can be implemented to ensure the waste is recycled, reused or recovered.	Standard	Forecast waste according to general estimates, fulfilling requirement to identify each waste type expected to be produced in the course of the project.	WRAPs freely available Net Waste Tool allows you to enter simple project details and forecast likely waste arisings, together with suggesting waste reduction and segregation opportunities and recycled content material substitutions. The Net Waste Tool can be accessed here: http://nwtool.wrap.org.uk/ http://nwtool.wrap.org.uk/ WRAP have produced a number of Model Procurement Requirements to help incorporate these requirements into prequalification questionnaires invitation to tender documents, and appointment contracts. The guidance can be found here: http://www.wrap.org.uk/construction/achieving_resource http://www.wrap.org.uk/construction/achieving_resource_efficiency/model_procurement_requirements/index.html	None	
		Good	Good practice relates to forecasting waste arisings at the detailed design stage. Refer to Step 3.1. Good practice for Step 4.1 relates to forecasting residual waste arisings in conjunction with the principal contractor and agreeing the waste reduction and recovery standards to be achieved on the project.			
		Best	Building on Good Practice, hold talks with the rest of the supply chain (waste management contractors, sub-contractors) to determine waste reduction and recovery actions for the project.			

Step 4.2	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Management of Waste	This step relates to the efficient management of waste once it has been created on site. Step 4.2 which deals with the management of waste on site should be implemented in line with any targets identified in sections 1.0, 2.0 and 3.0 above. As noted above in Step 2.1, off-cuts should be stored safely on site for reuse.	Standard	Identify waste management action for each waste stream	WRAPs freely available Net Waste Tool allows you to enter simple project details and forecast likely waste arisings, together with suggesting waste reduction and segregation opportunities and recycled content material substitutions. The Net Waste Tool can be accessed here: http://nwtool.wrap.org.uk/ http://nwtool.wrap.org.uk/ WRAP also provide guidance on developing and implementing a material logistics plan. The logistics plan guidance can be found here: http://www.wrap.org.uk/construction/construction waste http://www.wrap.org.uk/construction/achieving_resource_efficiency/materials_logistic_plan/index.html allows you to enter the postcode of your site and pin point waste management facilities and materials/products suppliers within a region or radius of your chosen distance. It can be found here http://www.bremap.co.uk/bremap/about.jsp http://www.bremap.co.uk/bremap/about.jsp	None	
		Good	Identify recycling and recovery options for each waste stream for which recycling and recovery is viable			
		Best	Maximise opportunities for resource efficiency through following the waste hierarchy (prevention, minimisation, reuse, recycling, recovery, disposal)			

Step 4.3	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Training	It is a requirement that all site workers are trained on the Site Waste Management Plan, providing information on how it affects them. Training prospects should be seen as opportunities to engage with the supply chain and gain buy-in from them – as it will be the supply chain who will be able to significantly contribute to any project resource efficiency targets.	Standard	The principal contractor should provide training to every construction worker needed for the particular work to be carried out within the terms of the site waste management plan. This can be in the form of toolbox talks.	WRAP provide a wealth of background information on waste reduction and recovery, including guidance documents, case studies and best practice guides. General WRAP construction guidance can be found here: http://www.wrap.org.uk/construction/tools_and_guidance/index.html WRAP also provide a short guidance note for small and medium sized contractors on reducing construction waste. It can be downloaded here: http://www.wrap.org.uk/downloads/Reducing_your_construction_waste_-_a_pocket_guide_for_SME_contractors.e5bf6111.6667.pdf	None	
		Good	Building on standard practice, provide bespoke training to all subcontractors and identify waste reduction actions where they can contribute.			
		Best	Building on good practice and share experience from previous projects or sites. Use the training exercise to inform continual improvement.			

5.0 Construction

Step 5.1	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Responsibilities (on site)	Once the Once the SWMP has been developed it must be implemented on site. This Step outlines how to assign responsibility for ensuring the SWMP is delivered.	Standard	Meet requirements for identifying the client, principal contractor and person drafting the Site Waste Management Plan.	WRAP have produced a number of Model Procurement Requirements to help incorporate these requirements into prequalification questionnaires and invitation to tender documents The guidance can be found here: http://www.wrap.org.uk/construction/achieving_resource_efficiency/model_procurement_requirements/index.html	None	
		Good	Waste champion is appointed for the whole site.			
		Best	Building on Good Practice, individuals and sub contractors should be made responsible for specific waste streams, with the waste champion holding these project members to account.			

Step 5.2	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Site design, storage and logistics	Space permitting, key waste streams should be segregated. The segregation scheme should include appropriate training, monitoring and enforcement with clear signage and using the National Colour Coding Scheme.	Standard	Meet requirement that all waste from the site is dealt with in accordance with the Environmental Protection Act and Environmental Protection (Duty of Care) Regulations.	WRAP have produced a number of Model Procurement Requirements to help incorporate these requirements into prequalification questionnaires and invitation to tender documents The guidance can be found here: http://www.wrap.org.uk/construction/achieving_resource_efficiency/model_procurement_requirements/index.html	None	
		Good	Before work starts on site consider layout and skip locations. Use segregated containers at the workface.			
		Best	Ensure separate containers are provided for Hazardous Waste, material storage areas are clearly located and signed or arrange for just in time delivery and prevent double handling.			

Step 5.3	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Monitoring	Monitoring progress against the actions in the site waste management plan more often that every six months can inform ongoing site achievement of the planned waste reduction and recovery actions. It can be part on the live review process and inform continual improvement. Once data is collected, it will form a baseline against which clients can evaluate and improve on resource efficiency performance. Step 5.3 should therefore be linked with Step 6.2.	Standard	Monitor and update the Site Waste Management Plan not less than every six months	WRAP provide guidance on measurement and reporting on construction projects. It can be found here: http://www.wrap.org.uk/construction/tools_and_guidance/reporting_portal.html	None	
		Good	Principal contractor to review the construction schedule and set appropriate project review and monitoring dates with the client.			
		Best	Building on Good Practice, review site progress against the Site Waste Management Plan and implement changes to revise site activities based on performance where necessary.			

Step 5.4	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Reporting	Reporting is an integral part of the Site Waste Management Plan process. Good and best practice relate to recording and reporting waste arisings in increasing levels of detail. WRAP provide a method note that defines the standard by which the construction industry has agreed to record and report waste arisings. The link to this guidance is listed in the 'guidance'	Standard	Ensure the Site Waste Management Plan is kept at the site, and that the Plan is available for two years after completion of the construction project.	WRAPs Reporting Portal has been developed to allow the construction industry to report on its progress in implementing Site Waste Management Plans and record actual site achievements. It can be found here: http://www.wrap.org.uk/construction/tools_and_guidance/reporting_portal.html	None	
		Good	Report waste generation, recovery and disposal arising by construction phase (construction, demolition and excavation).			
		Best	Report lessons learnt through the project, including the good and best practice levels achieved.			

6.0 Post-completion

Step 6.1	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
On-site project review	The on-site project review is an opportunity for the site project team to review their progress post completion. Good and best practice items relate to the process of continuous review and learning.	Standard	Meet requirements to compare Site Waste Management Plan forecast versus actual performance, and record any deviations from the Plan.	WRAPs National Reporting Portal has been developed to allow the construction industry to report on its progress in implementing Site Waste Management Plans and record actual site achievements. It can be found here: http://www.wrap.org.uk/construction/tools_and_guidance/reporting_portal.html	None	
		Good	Building on Standard Practice, review the Site Waste Management Plan to identify any improvements that could have been made (e.g. to improve waste reduction or recovery, or the accuracy of the forecast).			
		Best	Building on Good Practice, hold a post completion project team meeting to debrief and learn lessons from the Site Waste Management Plan process that can be used to inform future practice.			

Step 6.2	Explanation	Practice Level	How to achieve	Guidance available to help	Practice level targeted (please select)	Action (use to record more detail if you wish)
Corporate level review	The corporate level review uses the SWMPs produced on individual sites to compare construction projects against company baseline performance. If a baseline does not exist, then the first project will become the baseline against which performance in future projects will be measured against.	Standard	Meet requirements to compare Site Waste Management Plan forecast versus actual performance, and record any deviations from the Plan.	WRAPs Reporting Portal has been developed to allow the construction industry to report on its progress in implementing Site Waste Management Plans and record actual site achievements. It can be found here: http://www.wrap.org.uk/construction/tools_and_guidance/reporting_portal.html	None	
		Good	Record project performance in the following areas: cost savings achieved, total waste arisings, total waste to landfill, total waste reductions achieved and recycled content used.			
		Best	Use data collected in Step 6.1 standard practice to benchmark performance across your portfolio of projects, using the data to inform continual improvement. Using the data gathered and lessons learnt, set company policy on expected metrics (cost savings, waste arisings, waste reductions, total waste to landfill) for similar project types going forward. Integrate lessons learnt into corporate construction procedures.			

"The Client and Principal Contractor Shall :

- **Develop and implement a Site Waste Management Plan (SWMP) in compliance with the Site Waste Management Plans Regulations 2008 No.314 and containing not less than the following information:**
  - the SWMP shall identify:
    - the Client;
    - the principal Contractor; and
    - the person who drafted it.
  - the SWMP must describe the construction work proposed, including:
    - the location of the site; and
    - the estimated cost of the project.
  - the SWMP must record any decision taken before the Plan was drafted on the nature of the project, its design, construction method or materials employed in order to minimise the quantity of waste produced on site.
  - the SWMP must:
    - describe each waste type expected to be produced in the course of the project;
    - estimate the quantity of each different waste type expected to be produced; and
    - identify the waste management action proposed for each different waste type, including re-using, recycling, recovery and disposal.
  - the SWMP must contain a declaration that the Client and the principal Contractor will take all reasonable steps to ensure that:
    - all waste from the site is dealt with in accordance with the waste duty of care in section 34 of the Environmental Protection Act 1990(3) and the Environmental Protection (Duty of Care) Regulations 1991(4); and
    - materials will be handled efficiently and waste managed appropriately
- **update the SWMP when any waste is removed from site and state:**
  - the identity of the person removing the waste;
  - the waste carrier registration number of the carrier;
  - a copy of, or reference to, the written description of the waste required by section 34 of the Environmental Protection Act 1990; and
  - the site that the waste is being taken to and whether the operator of that site holds a permit under the Environmental Permitting (England and Wales) Regulations 2007 or is registered under those Regulations as a waste operation exempt from the need for such a permit.
- **as often as necessary to ensure that the Plan accurately reflects the progress of the project, and in any event not less than every six months:**
  - review the Plan;
  - record the types and quantities of waste produced;
  - record the types and quantities of waste that have been:
    - re-used (and whether this was on or off site);
    - recycled (and whether this was on or off site);
    - sent for another form of recovery (and whether this was on or off site);
    - sent to landfill; or
    - otherwise disposed of; and
  - update the Plan to reflect the progress of the project.
- **add the following to the SWMP within 3 months of the Works being completed:**
  - confirmation that the Plan has been monitored on a regular basis to ensure that work progressed according to the plan and that the plan was updated in accordance with the Regulations;
  - a comparison of the estimated quantities of each waste type against the actual quantities of each waste type;
  - an explanation of any deviation from the Plan; and
  - an estimate of the cost savings that have been achieved by completing and implementing the Plan.
- **ensure that the SWMP is kept:**
  - at the site office, or
  - if there is no site office, at the site;
- **ensure that every contractor knows where it is kept, and make it available to any contractor carrying out work described in the Plan;**
- **keep the SWMP for two years after the completion of the project at the principal Contractor's principal place of business or at the site of the project;**
- **ensure co-ordination of the work and co-operation among contractors at work during the construction phase;**
- **ensure so far as is reasonably practicable that every worker carrying out the construction work is provided with:**
  - suitable site induction; and
  - any further information and training needed for the particular work to be carried out within the terms of the SWMP;
- **make and maintain arrangements that will enable the principal Contractor and the workers engaged in the construction work to co-operate effectively in promoting and developing measures to ensure that any waste arising on site is managed within the terms of the SWMP and in checking the effectiveness of such measures;**
- **ensure, so far as is reasonably practicable, that waste produced during construction is re-used, recycled or recovered;**
- **take all reasonable steps to ensure that sufficient site security measures are in place to prevent the illegal disposal of waste from the site; and**
- **review, revise and refine the SWMP as necessary, to ensure that any changes in roles and responsibilities are clearly communicated to those affected."**

		Compliance	
Pre-Construction	Client identifed	Yes	Review
	Principal contractor identified	Yes	Review
	Draftee identified	Yes	Review

	Compliance	
Location of site defined	Yes	Review
Cost of project estimated	Yes	Review

Decisions taken before SWMP completed have been recorded	Yes	Review

	Compliance	
All waste types identified	Yes	Review
and quanties estimated	Yes	Review
Waste management actions identified	Yes	Review

	Compliance	
All waste from site is dealt with in accordance with relevant guidelines	Yes	Review
Materials handling identified	Yes	Review

		Compliance	
Construction	All waste carriers identified	No	Review
	Waste carrier registration numbers indentified	No	Review
	Written description of the waste as required by section 34 of the Environmental Protection Act 1990 identified	No	Review
	All sites and relevant permits acquired and confirmation of site registrations acquired	No	Review

	Comments	Please Enter Compliance
		No

	Comments	Please Enter Compliance
Post-Construction		No

	Comments	Please Enter Compliance
Construction		No

Comments	Please Enter Compliance
	No

	Comments	Please Enter Compliance
Post-Construction		No

	Comments	Please Enter Compliance
Construction		No

Comments	Please Enter Compliance
	No

Comments	Please Enter Compliance
	No

Comments	Please Enter Compliance
	No

Comments	Please Enter Compliance
	No

Comments	Please Enter Compliance
	No

Additional Duties

Additional duties on the principal contractor

- The principal contractor must, so far as is reasonably practicable, ensure co-ordination of the work and co-operation among contractors at work during the construction phase.
- The principal contractor must ensure so far as is reasonably practicable that every worker carrying out the construction work is provided with-
  (a) suitable site induction; and
  (b) any further information and training needed for the particular work to be carried out within the terms of the site waste management plan.
- The principal contractor must make and maintain arrangements that will enable the principal contractor and the workers engaged in the construction work to co-operate effectively in promoting and developing measures to ensure that any waste arising on site is managed within the terms of the site waste management plan and in checking the effectiveness of such measures.
- The principal contractor must ensure, so far as is reasonably practicable, that waste produced during construction is re-used, recycled or recovered.
- Failure to comply with this paragraph is an offence.

Additional duties on the client

- The client must give reasonable directions to any contractor so far as is necessary to enable the principal contractor to comply with these Regulations.
  Failure to comply with this paragraph is an offence.

Additional duties on both the client and the principal contractor

- Both the client and the principal contractor must review, revise and refine the site waste management plan as necessary, to ensure that any changes in respective roles and responsibilities are clearly communicated to those affected.
- Both the client and the principal contractor must take reasonable steps to ensure that sufficient site security measures are in place to prevent the illegal disposal of waste from the site.
- Failure to comply with this paragraph is an offence.

These Regulations require any person intending to carry out a construction project with an estimated cost greater than £300,000 to prepare a site waste management plan.
The plan must be updated in accordance with the Regulations, with different requirements depending on whether the cost of the project is greater than £500,000.
The Regulations are enforced by the Environment Agency and the local authority.

Breach of the Regulations is an offence punishable-
(a) on summary conviction, by a fine not exceeding £50,000, or
(b) on conviction on indictment, by a fine.
An impact assessment of the effect that this instrument will have on the costs of business and the voluntary sector is available on the Defra website.

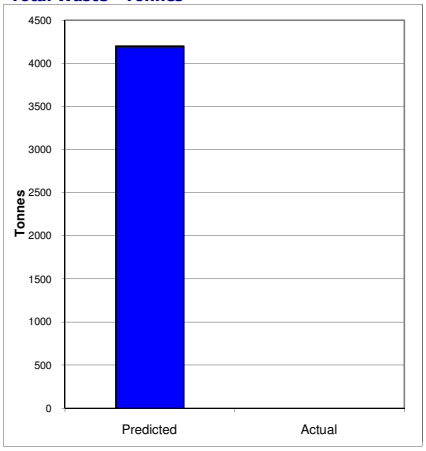
	Comments	Please Enter Compliance
Construction		No
	Comments	Please Enter Compliance
		No
	Comments	Please Enter Compliance
		No

KPI Report

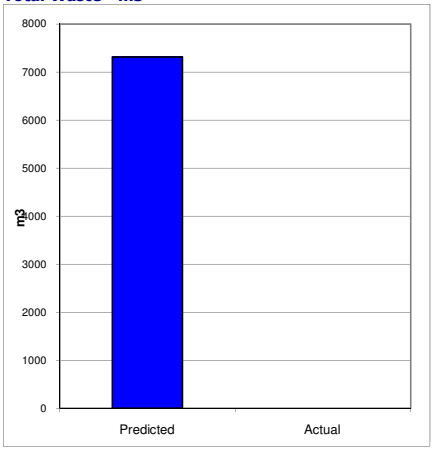
Select Metric : Total waste

	Forecast		Actual	
	m^3	Tonnes	m^3	Tonnes
Total Waste	7308.52	4200.02	0.00	0.00
Total Waste to landfill	1177.64	545.47	0.00	0.00
% Waste diverted from landfill	84%	87%	#DIV/0!	#DIV/0!
% Waste reused on site	35%	59%	#DIV/0!	#DIV/0!

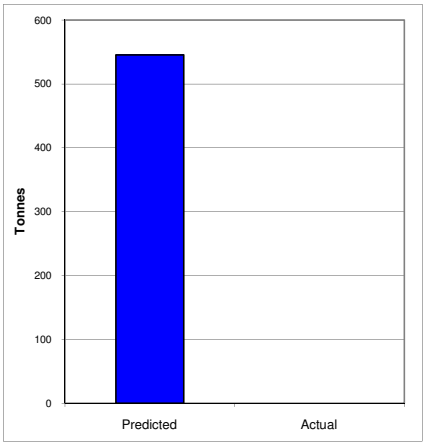
Total Waste - Tonnes



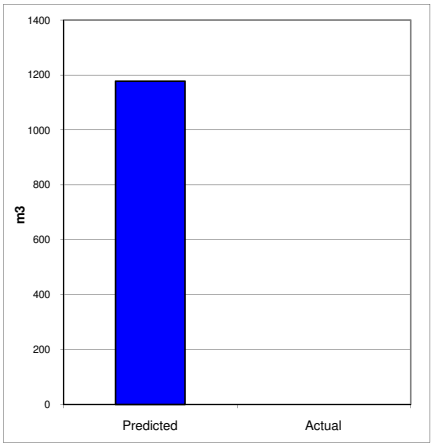
Total Waste - m3



Total Waste to Landfill - Tonnes



Total Waste to Landfill - m3



Tell me about this sheet

View data in: tonnes

Reporting

Combined stages C,D and E

Construction

Demolition

Excavation

	Forecast		Actual	
	m³	Tonnes	m³	Tonnes
Total Waste	7308.52	4200.02	0.00	0.00
Total Waste to landfill	1177.64	545.47	0.00	0.00
% Waste diverted from landfill	84%	87%	#DIV/0!	#DIV/0!
% Waste reused on site	35%	59%	#DIV/0!	#DIV/0!

Combined stages C, D and E

		Waste and material arisings		Waste sent offsite		Materials kept onsite		Sent to landfill		Diverted from landfill		Cost of waste disposal (offsite)		Recovery of materials and wastes									
														Re-used				Recycled				Energy r	
														off-site		on-site		off-site		on-site		off-site	
Forecast/Actual		F	A	F	A	F	A	F	A	F	A	F	A	F	A	F	A	F	A	F	A	F	A
Unit		tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	£	£	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
Total		4,200.02		1,707.58		2,492.44		545.47		1,162.11						747.30				1,745.14			
Class	Non Haz (Inert)	2,229.13				2,229.13										483.99				1,745.14			
	Haz	39.62		39.62				14.60		25.02													
	Non Haz (Non Inert)	1,931.27		1,667.96		263.31		530.87		1,137.09						263.31							
Assigned Waste Stream	Inert - Soil & stones	483.99				483.99										483.99							
	Non Haz (Non Inert) - Soil & stones																						
	Non Haz (Non Inert) - Dredgings																						
	Segregated Haz - Soil & stones																						
	Gypsum	263.31				263.31										263.31							
	Metals	116.96		116.96				23.39		93.57													
	Wood	265.76		265.76				53.15		212.61													
	Packaging	235.77		235.77				47.15		188.62													
	Inert - Building rubble	1,745.14				1,745.14														1,745.14			
	Inert - Glass																						
	Mixed Hazardous - C&D waste	22.25		22.25				11.13		11.13													
	Mixed C&D waste	657.59		657.59				328.80		328.80													
	Segregated Haz Waste	17.37		17.37				3.47		13.90													
	Other C&D segregated waste	391.88		391.88				78.38		313.50													
List of Waste (LOW) Code	08 01 11*																						
	08 01 12																						
	08 01 13*																						
	08 01 14																						
	08 01 18																						
	08 03 18																						
	13 01 12*																						
	13 01 13*																						
	13 05 01*																						
	13 05 03*																						
	13 05 06*																						
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	15 01 02																						
	15 01 03																						
	15 01 04																						
	15 01 05																						
	15 01 06	235.77		235.77																			
	15 01 07																						
	15 01 09																						
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	16 07 08*																						
	16 10 01*	17.37		17.37																			
	17 01 01																						
	17 01 02																						
	17 01 03																						
	17 01 06*																						
	17 01 07	1,745.14				1,745.14														1,745.14			
	17 02 01	265.76		265.76																			
	17 02 02																						
	17 02 03	97.73		97.73																			
	17 02 04*																						
	17 03 01*																						
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	17 04 06																						
	17 04 07	116.96		116.96																			
	17 04 09*																						
	17 04 10*																						
	17 04 11																						
	17 05 03*																						
	17 05 04	483.99				483.99										483.99							
	17 05 05*																						
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	17 05 07*																						
	17 05 08																						
	17 06 01*																						
	17 06 03*																						
	17 06 04	112.01		112.01																			
	17 06 05*																						
	17 08 01*																						
	17 08 02	263.31				263.31										263.31							
	17 09 01*																						
	17 09 02*																						
	17 09 03*	22.25		22.25																			
	17 09 04	657.59		657.59																			
	19 13 01*																						
	20 01 01																						
	20 01 08																						
	20 01 11																						
	20 01 21*																						
	20 01 23*																						
	20 01 25																						
	20 01 35*																						
	20 01 36	16.96		16.96																			
	20 01 99																						
	20 02 01																						
	20 03 01	158.73		158.73																			
	20 03 03																						
	20 03 04																						
	20 03 06																						
	20 03 07	6.45		6.45																			

Construction

		Waste and material arisings		Waste sent offsite		Materials kept onsite		Sent to landfill		Diverted from landfill		Cost of waste disposal (offsite)	
Forecast/Actual		**F**	**A**	**F**	**A**	**F**	**A**	**F**	**A**	**F**	**A**	**F**	**A**
Unit		tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	£	£
Total		3,716.03		1,707.58		2,008.45		545.47		1,162.11			
Class	Non Haz (Inert)	1,745.14				1,745.14							
	Haz	39.62		39.62				14.60		25.02			
	Non Haz (Non Inert)	1,931.27		1,667.96		263.31		530.87		1,137.09			
Assigned Waste Stream	Inert - Soil & stones												
	Non Haz (Non Inert) - Soil & stones												
	Non Haz (Non Inert) - Dredgings												
	Segregated Haz - Soil & stones												
	Gypsum	263.31				263.31						FALSE	
	Metals	116.96		116.96				23.39		93.57		FALSE	
	Wood	265.76		265.76				53.15		212.61		FALSE	
	Packaging	235.77		235.77				47.15		188.62		FALSE	
	Inert - Building rubble	1,745.14				1,745.14						FALSE	
	Inert - Glass											FALSE	
	Mixed Hazardous - C&D waste	22.25		22.25				11.13		11.13		FALSE	
	Mixed C&D waste	657.59		657.59				328.80		328.80		FALSE	
	Segregated Haz Waste	17.37		17.37				3.47		13.90		FALSE	
	Other C&D segregated waste	391.88		391.88				78.38		313.50		FALSE	
List of Waste (LOW) Code	08 01 11*												
	08 01 12												
	08 01 13*												
	08 01 14												
	08 01 18												
	08 03 18												
	13 01 12*												
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	15 01 02												
	15 01 03												
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	15 01 06	235.77		235.77									
	15 01 07												
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	15 02 02*												
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	16 07 08*												
	16 10 01*	17.37		17.37									
	17 01 01												
	17 01 02												
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	17 01 06*												
	17 01 07	1,745.14				1,745.14							
	17 02 01	265.76		265.76									
	17 02 02												
	17 02 03	97.73		97.73									
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	17 03 01*												
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	17 04 07	116.96		116.96									
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	17 06 03*												
	17 06 04	112.01		112.01									
	17 06 05*												
	17 08 01*												
	17 08 02	263.31				263.31							
	17 09 01*												
	17 09 02*												
	17 09 03*	22.25		22.25									
	17 09 04	657.59		657.59									
	19 13 01*												
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	20 01 08												
	20 01 11												
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	20 01 35*												
	20 01 36	16.96		16.96									
	20 01 99												
	20 02 01												
	20 03 01	158.73		158.73									
	20 03 03												
	20 03 04												
	20 03 06												
	20 03 07	6.45		6.45									

		Recovery of materials and wastes									
		Re-used				Recycled				Energy r	
		off-site		on-site		off-site		on-site		off-site	
Forecast/Actual		**F**	**A**	**F**	**A**	**F**	**A**	**F**	**A**	**F**	**A**
Unit		tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
Total				263.31				1,745.14			
Class	Non Haz (Inert)							1,745.14			
	Haz										
	Non Haz (Non Inert)			263.31							
Assigned Waste Stream	Inert - Soil & stones										
	Non Haz (Non Inert) - Soil & stones										
	Non Haz (Non Inert) - Dredgings										
	Segregated Haz - Soil & stones										
	Gypsum			263.31							
	Metals										
	Wood										
	Packaging										
	Inert - Building rubble							1,745.14			
	Inert - Glass										
	Mixed Hazardous - C&D waste										
	Mixed C&D waste										
	Segregated Haz Waste										
	Other C&D segregated waste										
List of Waste (LOW) Code	08 01 11*										
	08 01 12										
	08 01 13*										
	08 01 14										
	08 01 18										
	08 03 18										
	13 01 12*										
	13 01 13*										
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	16 07 08*										
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	17 01 07							1,745.14			
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	17 08 02			263.31							
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	20 03 01										
	20 03 03										
	20 03 04										
	20 03 06										
	20 03 07										

Demolition

		Waste and material arisings		Waste sent offsite		Materials kept onsite		Sent to landfill		Diverted from landfill		Cost of waste disposal (offsite)	
Forecast/Actual		F	A	F	A	F	A	F	A	F	A	F	A
Unit		tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	£	£
Total													
Class	Non Haz (Inert)												
	Haz												
	Non Haz (Non Inert)												
Assigned Waste Stream	Inert - Soil & stones												
	No Haz (Non Inert) - Soil & stones												
	Non Haz (Non Inert) - Dredgings												
	Segregated Haz - Soil & stones												
	Gypsum											FALSE	
	Metals											FALSE	
	Wood											FALSE	
	Packaging											FALSE	
	Inert - Building rubble											FALSE	
	Inert - Glass											FALSE	
	Mixed Hazardous - C&D waste											FALSE	
	Mixed C&D waste											FALSE	
	Segregated Haz Waste											FALSE	
	Other C&D segregated waste											FALSE	
List of Waste (LOW) Code	08 01 11*												
	08 01 12												
	08 01 13*												
	08 01 14												
	08 01 18												
	08 03 18												
	13 01 12*												
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	20 03 01												
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	20 03 04												
	20 03 06												
	20 03 07												

		Recovery of materials and wastes									
		Re-used				Recycled				Energy r	
		off-site		on-site		off-site		on-site		off-site	
Forecast/Actual		F	A	F	A	F	A	F	A	F	A
Unit		tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
Total											
Class	Non Haz (Inert)										
	Haz										
	Non Haz (Non Inert)										
Assigned Waste Stream	Inert - Soil & stones										
	No Haz (Non Inert) - Soil & stones										
	Non Haz (Non Inert) - Dredgings										
	Segregated Haz - Soil & stones										
	Gypsum										
	Metals										
	Wood										
	Packaging										
	Inert - Building rubble										
	Inert - Glass										
	Mixed Hazardous - C&D waste										
	Mixed C&D waste										
	Segregated Haz Waste										
	Other C&D segregated waste										
List of Waste (LOW) Code	08 01 11*										
	08 01 12										
	08 01 13*										
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	13 01 12*										
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	20 03 06										
	20 03 07										

Excavation

		Waste and material arisings		Waste sent offsite		Materials kept onsite		Sent to landfill		Diverted from landfill		Cost of waste disposal (offsite)	
Forecast/Actual		F	A	F	A	F	A	F	A	F	A	F	A
Unit		tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	£	£
Total		483.99				483.99							
Class	Non Haz (Inert)	483.99				483.99							
	Haz												
	Non Haz (Non Inert)												
Assigned Waste Stream	Inert - Soil & stones	483.99				483.99						FALSE	
	Non Haz (Non Inert) - Soil & stones											FALSE	
	Non Haz (Non Inert) - Dredgings											FALSE	
	Segregated Haz - Soil & stones											FALSE	
	Gypsum											FALSE	
	Metals											FALSE	
	Wood											FALSE	
	Packaging											FALSE	
	Inert - Building rubble											FALSE	
	Inert - Glass											FALSE	
	Mixed Hazardous - C&D waste											FALSE	
	Mixed C&D waste											FALSE	
	Segregated Haz Waste											FALSE	
	Other C&D segregated waste											FALSE	
List of Waste (LOW) Code	08 01 11*												
	08 01 12												
	08 01 13*												
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	08 01 18												
	08 03 18												
	13 01 12*												
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		Recovery of materials and wastes									
		Re-used				Recycled				Energy r	
		off-site		on-site		off-site		on-site		off-site	
Forecast/Actual		F	A	F	A	F	A	F	A	F	A
Unit		tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
Total				483.99							
Class	Non Haz (Inert)			483.99							
	Haz										
	Non Haz (Non Inert)										
Assigned Waste Stream	Inert - Soil & stones			483.99							
	Non Haz (Non Inert) - Soil & stones										
	Non Haz (Non Inert) - Dredgings										
	Segregated Haz - Soil & stones										
	Gypsum										
	Metals										
	Wood										
	Packaging										
	Inert - Building rubble										
	Inert - Glass										
	Mixed Hazardous - C&D waste										
	Mixed C&D waste										
	Segregated Haz Waste										
	Other C&D segregated waste										
List of Waste (LOW) Code	08 01 11*										
	08 01 12										
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	08 01 18										
	08 03 18										
	13 01 12*										
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E-learning: A full e-learning module can be found on the WRAP website. This will show you how to complete the template and work through an example.
http://www.wrap.org.uk/construction/tools_and_guidance/site_waste_management_planning/swmp_tools_and.html

Welcome to the WRAP Site Waste Management Plan Template. This short help page has been provided to guide you through how to use the template. You may find it easier to use Excel Full Screen view to navigate around the SWMP Template.

Project Homepage

1	Enter Basic Details

This is the main part of the SWMP Template and allows you navigate to all worksheets in the Template. The buttons on the homepage as shown here allow you to navigate through the document. Start at the top with Enter Basic Details and end at the declaration, each button is also accompanied by guidance as shown.

Project Stage

Policy and setup

The template follows the project stages to help you find where you are in your project.

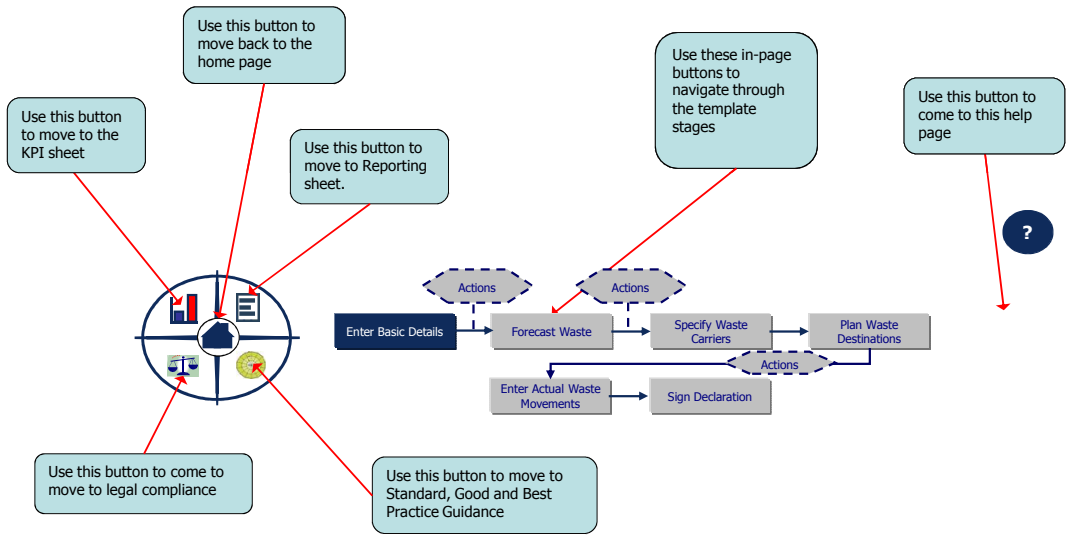
Guidance

Section 1.0

Each Step is accompanied by guidance that explains how to use an SWMP to achieve Good and Best Practice waste reduction and recovery on site.

Tell me about this sheet

The 'Tell me about your sheet' tab tells you what each sheet is for and how to use it. If you get stuck hover over the box and it will tell you what to do.



Expected Facility

There is more guidance on each sheet, hover over a box where you see a red trangle in the corner.

Please select project targets applicable to your project

Target	Amount	Unit
Total waste arisings	15	t
Total waste arisings	70	t
Waste recovery	45	%

When you click on a box you will see that some you enter using a drop down list and others use free entry. Look for the arrow on the right side of the box. If there is one there click it and select from the menu.