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1.0 INTRODUCTION

This Site Waste Management Plan (SWMP) has been developed to enable the site team to efficiently and legally manage waste materials produced through the life of the project. It also covers the legal use of waste materials brought onto site for use in the project. Appropriate environmental training and support is available to all members of the Landfill site/project team regarding waste management, and the Jones Bros HSE Team should be contacted for further advice on Duty of Care and disposal options.

This SWMP applies to all activities throughout the project.

The Plan includes:

- brief details of the project including who is responsible for maintaining this SWMP (Section 2.0);
- a declaration signed by the principal parties to manage waste efficiently and legally (Section 3);
- a record of who the SWMP has been distributed to and when and why the document was reviewed (Section 4);
- information transferred from pre-contract documents supplied by the client and designer (Section 5.0);
- evidence that the Duty of Care checks have been carried out on all the waste managed on this project (Section 6.0);
- a comparison of the predictions with the actual waste removed, deviations from the Plan, estimate of the cost savings by operating the SWMP and the declaration that the Plan has been managed in accordance with the Regulations (Section 7.0);
- the monthly quantities of waste produced on the project (Appendix 1 – Waste Monitoring Form (Ecoefficiency reports));
- the Duty of Care documentary evidence for each of the waste streams (Appendix 2).

1.1 ENVIRONMENTAL AWARENESS

Within the site/project team, the following environmental awareness/ competencies are present:

Name	Role	Environmental Qualification
Sam Roberts	Project Manager	SEATS, SMSTS, Spill Kit Training
Gareth Jones	Works Manager	SEATS, SMSTS, Spill Kit Training
Joe Griffiths - TBC	Foreman	SEATS, SMSTS, Spill Kit Training

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2.0 PROJECT INFORMATION

Project Name	Kinmel Bay Coastal Defence Improvement Scheme
Project Number	C4215
Client	Conwy County Borough Council
Principal Contractor	Jones Brothers Civil Engineering UK
Person Responsible for updating this SWMP	Sam Roberts
Role in the Project	Project Manager
Site Address	Jones Bros Site Office St Asaph Carpark, Promenade, Kinmel Bay, LL18 5NL
Brief Description of Proposed Works	This project involves raising the level of the existing sea wall, provision of new beach access points, upgrading two existing flood gates, and enhancing and extending rock armour to protect the residential and commercial properties, including critical infrastructure, along this section of coastline. The works also include enhancements to amenities such as increasing the size of the Kinmel Beach Car Park including new toilets, providing bench seating, play areas, bicycle stands, bicycle charging points and other similar such items.
Project Value	£12,983,141.00

2.1 PROJECT TARGETS

The following project targets have been agreed during the planning of this project. These targets are reviewed at the end of the project (Section 7).

	Target	Agreed (tick or N/A)	Comments
1	Recover a minimum of [X%] of construction materials by weight, and aim to exceed [X%]	TBC	
2	Recover a minimum of [X%] of demolition and strip-out materials by weight (where applicable), and aim to exceed [X%]	TBC	
3	Reuse at least [X%] of demolition/excavation and insitu materials by weight on site	TBC	
4	Ensure that at least [X%] of total material value derives from reused and recycled content in new build.	TBC	

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3.0 DECLARATION

The Client, Principal Contractor and major sub-contractors will take all reasonable steps to ensure that:

- (a) all waste from the site is dealt with in accordance with the waste duty of care in section 34 of Environmental Protection Act (as amended), the Waste (England & Wales) Regulations and the Waste (Scotland) Regulations; and
- (b) material will be handled efficiently and waste managed appropriately.

Client	Conwy County Borough Council		
Representative	Morgan Lloyd		
Signature		Date	

Principal Contractor	Jones Brothers Civil Engineering UK		
Representative	Dafydd Elis		
Signature		Date	

Sub-Contractor			
Representative			
Signature		Date	

Sub-Contractor			
Representative			
Signature		Date	

4.0 DISTRIBUTION & REVIEW

4.1 DISTRIBUTION

This SWMP and its Appendices must be kept on site at all times. The controlled copy, held by Rosie Wynn, must be available for inspection by auditors.

The controlled copy of this SWMP is held by:

Name	Position	Company
Sam Roberts	Site Manager	Jones Bros

Each subcontractor that produces waste whilst on site will receive an uncontrolled copy of the SWMP and a representative shall sign the declaration in Section 3.0.

Uncontrolled copies of this SWMP have been distributed to the following:

Name	Position	Company

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4.2 REVIEW

This SWMP shall be reviewed as often as is required to ensure that it reflects the progress of the project and in any event, not less than every three months.

Date	Name	Nature of Changes	Signed

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5.0 PRE-CONSTRUCTION WASTE REDUCTION INITIATIVES

The following initiatives were implemented during the pre-construction stages to reduce the quantity of waste produced over the life of the project. These are taken from client's & designer's information and Jones Bros' initiatives. These typically include improvements to the cut/full balance, off site pre-fabrication, specifying site-won material, increasing recycled content, soil stabilisation etc.

Type of Waste Eliminated or Minimised	Quantity Saved	Decision Taken	Estimated Cost Saving* £
Existing rock armour		Wherever possible the existing rock armour will be reused on site as part of the new revetments	
Excavated beach material		Beach material is being tested to determine its suitability to be distributed on the foreshore rather than being removed from site.	

*Estimated Cost Saving includes the value of raw materials and the cost of disposal

6.0 DUTY OF CARE SUMMARY TABLES

The following summary tables are used to ensure that we have carried out our Duty of Care checks on our waste contractors. These checks must be carried out and are generally completed by our waste broker *Ecofficiency*. The Duty of Care documentation can be found on the [Ecofficiency Portal \(use Google Chrome\)](#). If we are arranging our own waste movements, see the guidance below and [Waste Management Procedure \(EN-p-001\)](#). The documentary evidence for our Duty of Care checks must be available for inspection before the waste is moved off-site.

WASTE DETAILS

- The List of Wastes codes can be found on Ecofficiency quotes or their online portal, and on <http://www.wastesupport.co.uk/ewc-codes/>.

WASTE CARRIER

- The Carrier's registration details are found on the Waste Carrier's License.
- Make sure the details match the contractor you are using and that the certificate is in date.
- The online checks on waste carriers, to check license validity, are carried out here for:
 - England: <https://environment.data.gov.uk/public-register/view/search-waste-carriers-brokers>
 - Scotland: <http://apps.sepa.org.uk/rocas/>
 - Wales: <https://naturalresources.wales/permits-and-permissions/check-for-a-permit-licence-or-exemption/?lang=en>
- Use a [Jones Bros Waste Transfer Note \(En-f-008\)](#) for inert and non-hazardous waste and a Hazardous Waste Consignment Note (supplied by the contractor/regulator) for hazardous waste.

DISPOSAL SITE

- Find out from the waste carrier where they are taking your waste.

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- Request a copy of the relevant sections of the permit held by the site receiving the waste (front page showing permit number and section covering the types of waste accepted).
- Check that the site is permitted to receive the type of waste we are sending:

England: <https://environment.data.gov.uk/public-register/view/index>

Wales: <https://naturalresources.wales/permits-and-permissions/check-for-a-permit-licence-or-exemption/?lang=en>

Scotland: <https://www.sepa.org.uk/environment/waste/waste-data/guidance-and-forms-for-operators/licensed-and-permitted-sites/>

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6.1 INERT & NON-HAZARDOUS WASTE

WASTE DETAILS			WASTE CARRIER				DISPOSAL SITE		
Waste Type	List of Wastes Code	Source	Name of Carrier and contact details	Carrier Registration Details	EA/SEPA online check?	Waste Transfer Note used – single/annual	Name of Site and contact details	Environmental Permit or Exemption Details	Conditions of Permit Checked?
<i>Describe the waste in words (E.g. Wood)</i>	<i>Enter the 6 figure List of Wastes code (E.g. 17 02 01)</i>	<i>Enter the activity that produced the waste (E.g. Deliveries)</i>	<i>Enter name, address and contact details for the waste carrier</i>	<i>Enter the registration number and expiry date (E.g. CBDU016 720)</i>	✓	<i>State whether single or annual Note and expiry date if annual</i>	<i>Enter name of site and contact details</i>	<i>Enter waste licence number (E.g. 50437)</i>	<i>Confirm here that licence has been checked and contains types of waste we're sending & copy filed</i>
Soil and stones	17 05 04	Construction activities	Hogan Waste Ltd, The old brickworks, Llanddulas, LL22 8HP	No.: CBDU 015483 Expires: 07/05/2025	✓	Single/Annual Expires:	Hogan Waste Ltd, The old brickworks, Llanddulas, LL22 8HP	Waste Management Licence No.: EPR/EB393IAM	Licence checked and copy filed
Rubble	17 01 07	Construction activities	Hogan Waste Ltd, The old brickworks, Llanddulas, LL22 8HP	No.: CBDU 015483 Expires: 07/05/2025	✓	Single/Annual Expires:	Hogan Waste Ltd, The old brickworks, Llanddulas, LL22 8HP	Waste Management Licence No.: EPR/EB393IAM	Licence checked and copy filed
Mixed Municipal Waste	20 03 01	Offices	Hogan Waste Ltd, The old brickworks, Llanddulas, LL22 8HP	No.: CBDU 015483	✓	Single/Annual Expires:	Hogan Waste Ltd, The old brickworks,	Waste Management Licence No.: EPR/EB393IAM	Licence checked and copy filed

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				Expires: 07/05/2025			Llanddulas, LL22 8HP		

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6.2 HAZARDOUS WASTES

Wales only - Site Hazardous Waste Registration Number:

WASTE DETAILS			WASTE CARRIER				DISPOSAL SITE		
Waste Type	List of Wastes Code	Source	Name of Carrier and contact details	Carrier Registration Details	EA/SEPA online check?	Consignment Note used – Number(s)	Name of Site and contact details	Environmental Permit or Exemption Details	Conditions of Permit Checked?
<i>Describe the waste in words (E.g. Construction Material containing Asbestos)</i>	<i>Enter the 6 figure List of Wastes code (E.g. 17 06 05*)</i>	<i>Enter the activity that produced the waste (E.g. Demolition)</i>	<i>Enter name, address and contact details for the waste carrier</i>	<i>Enter the registration number and expiry date (E.g. CBDU016720)</i>	✓	<i>Enter the number(s) of the Consignment Note(s) (E.g. CAG865/0BV7D)</i>	<i>Enter name of site and contact details</i>	<i>Enter waste licence number (E.g. 50437)</i>	<i>Confirm here that licence has been checked and contains types of waste we're sending & copy filed</i>
<i>Used spill kits</i>	<i>15 02 02*</i>	<i>Spillages</i>		<i>No.:</i> <i>Expires:</i>	✓	<i>Single Hazardous Waste Consignment Note No.:</i>		<i>Waste Management Licence No.:</i>	<i>Licence checked and copy filed</i>
<i>Empty aerosols</i>	<i>16 05 04*</i>	<i>Setting out by Engineer</i>		<i>No.:</i> <i>Expires:</i>	✓	<i>Single Hazardous Waste Consignment Note No.:</i>		<i>Waste Management Licence No.:</i>	<i>Licence checked and copy filed on the Ecoefficiency Portal</i>

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<i>Packaging containing residues of or contaminated by hazardous substances (e.g. empty grease cartridges)</i>	<i>15 01 10*</i>	<i>Plant Maintenance</i>		<i>No.: Expires:</i>	<i>✓</i>	<i>Single Hazardous Waste Consignment Note No.:</i>		<i>Waste Management Licence No.:</i>	<i>Licence checked and copy filed on the Ecoefficiency Portal</i>

All hazardous waste streams must be segregated from each other to comply with Hazardous Waste (England and Wales) Regulations

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6.3 WASTES BROUGHT ONTO SITE

WASTE DETAILS				WASTE CARRIER				PERMIT/EXEMPTION DETAILS		
Waste Type	Tonnage	List of Wastes Code	Source (i.e. process that produced it)	Name of Carrier and contact details.	Carrier Registration Details	EA/SEPA online check?	Waste Transfer Note used – single/annual	Type and Ref Number of Permit/Exemption used	Expiry Date (if applicable)	Conditions attached to permit/exemption
<i>Describe the waste in words (E.g. Baled Tyres)</i>	<i>Quantity (E.g. 500t)</i>	<i>Enter the 6 figure LoW code (E.g. 16 01 03)</i>	<i>(E.g.: demolition site, recycling facility)</i>	<i>Enter name, address and contact details for the waste carrier</i>	<i>Enter the registration number and expiry date (E.g. CBDU016720)</i>	✓	<i>State whether single or annual Note and expiry date if annual</i>	<i>State whether exemption or standard permit and ref. number</i>	<i>Insert date</i>	<i>Insert conditions (E.g. max quantity, max duration)</i>
					<i>No.:</i> <i>Expires:</i>	✓	<i>Single/Annual</i> <i>Expires:</i>	<i>Type:</i> <i>Ref No.:</i>		<i>Max tonnage:</i> <i>See Permit for list of conditions</i>

7.0 COMPLETION REPORT

This section must be completed within 3 months of contract completion.

7.1 COMPARISON WITH TARGETS

The Project Targets set in 2.1 should be compared with the final project report from *Ecofficiency* to measure the waste management performance of the project.

7.2 DEVIATIONS FROM THE PLAN

Projects very rarely go exactly to plan. There may be good reasons why the targets were not met or were significantly exceeded. The important thing is that we learn from the process and aim to perform better next time.

Detail here the reasons why the actual waste quantities varied from the targets. This is to enable us to learn lessons for future projects:

7.3 COST SAVINGS

The cost savings as a result of diverting waste from landfill by operating this Site Waste Management Plan on this project are:

£

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7.4 DECLARATION

I confirm that this Plan has been monitored on a regular basis and revised and updated as necessary, in accordance with the Site Waste Management Plan Regulations 2008.

Name: ...Rosie Wynn.....

Signature: RWynn.....

Date: ...09/12/2022.....

Position: Graduate Environmental Advisor.....

Company: Jones Brothers (Civil Engineering) Co Ltd

Note:

- This plan must be kept for two years after completion of the project at the principal place of business.
- All waste transfer notes must also be kept for two years after completion of the project
- Hazardous waste consignment notes must be kept for three years.

Once this section is complete, the whole document should be uploaded to Pansophy Pool 07.08.02, printed and kept in the site H&S file.

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APPENDIX 1 ECOFFICIENCY REPORTS

APPENDIX 2 DUTY OF CARE EVIDENCE DOCUMENTS

For each waste type identified in Section 6, the following documentary evidence must be filed here before the waste goes off site:

- Copy of waste carrier's certificate;
- Check on NRW/EA/SEPA website to verify carrier's certificate;
- Waste Transfer Note (EN-f-008) or Hazardous Waste Consignment Note covering the movement of the waste
- Copy of relevant sections (front page showing permit number and section covering the types of waste accepted) of the permit held by the site receiving the waste.