KLV2 4.4.25

METHOD STATEMENT

Regrading of sand on Llanbedrog Beach

Description of the activity

Movement of sand on Llanbedrog beach from the land which is owned by National Trust (above MHWS) and the land owned by the Crown Estate (below MHWS) to the location of the coloured beach huts to the west of the beach, to ensure that there is enough sand in the location to safely install the beach huts for the summer season. The sand has been washed away over time, undermining the safety of the beach huts.

The steps you will carry out to complete it

Use of a telehandler to move the sand from elsewhere on the beach (within the area shown on the plan that forms part of this application) up to the beach hut location. RAMS from the contractor undertaking the work are appended to this method statement.

How long the activity will last

Unconfirmed, however it is hoped that the work will only be needed to be done once before the beach hut season begins in mid April (date tbc pending this application).

Details of any vehicle or vessel routes you will use to access the site

Telehandler and van as identified in the contractor's RAMS. The beach will be accessed from Lon Nant-Iago.

Details of any material you will remove

Up to 600t of sand from across the National Trust owned land and the Crown Estate owned land.

Details of any material you will deposit

Sand/shingle from Llanbedrog beach.

Measures you will take to minimise risk to the marine environment

The contractor fuels their machinery at their home base, no fuel is stored on site. If fuel is needed on the day they will use the local garage at Llanbedrog.

Spill kits available for any isolated oil spillage incident.

The spill kits are to control any leakage of fuels or oils used on the machines. If there is any leakage the spill kits will be used and any contaminated sand will be bagged and removed from site.

Measures you will take to prevent undue interference to others

Banksman will be used to restrict access into the ‘working area’.

Measures you will take to maintain navigational safety, including how you will mark and light the work

The area NT are permitted to work in from the Crown Estate will be marked out with pegs to ensure that the plant stays within the designated area.

A beach management method statement must also state:

Volume/tonnage of material you expect to move

Up to 600t

Locations where you will move material to and from

Material will only be moved from the area identified on the plan forming part of this application and will stay on Llanbedrog Beach.

H T WILLIAMS	Document reference:	RAMS
	Issue Number:	1
	Date created:	06/02/2025

RISK ASSESSMENT / METHOD STATEMENT

Project: Llanbedrog Beach	**Ref:** HTW/LLB/001	
Client: The National Trust	**Contact Details:** Guto Roberts	
Assessed by: Griff Williams	**Signed:**	**Date:** 12/02/2025
Approved by: Huw T Williams	**Signed**	**Date:** 13/02/2025

Task operation and location (including any tools/equipment in use).

- Regrading of Sand on Beach

Hazard:	**Likelihood (L 1 – 3)**	**Severity (S 1 – 3)**	**Risk Rating = L x S**
1. Members of the public	3	3	9
2. Tidal Water	3	3	9
3. Oil Spillage	3	2	6
4. Dust	3	2	6
5. Noise	3	2	6

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RISK ASSESSMENT / METHOD STATEMENT

HARM:

1. Crush injuries
2. Risk of Drowning
3. Environmental Hazard
4. Respiratory problems
5. Long Term hearing impairment

Persons In Danger:	**Number of Persons in Danger:**
• Company personnel • Members of the public	**1. < 5** **2. < 100**

Controls:

1. Banksman to restrict access into 'plant working' area.
2. Refer to Tide Tables to provide the times and height of high tides.
3. Maintain and service items of plant regularly.
4. Consider use of hydraulic equipment to reduce noise.
5. Use suitable RPE.
6. Use suitable hearing protection equipment.

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RISK ASSESSMENT / METHOD STATEMENT

Personal Protective Equipment:

- High visibility clothing to EN 471 Class 2 (Class 3 If higher level of protection required) to be worn by site operatives
- Suitable hearing protection to EN352 to be worn when noise levels are sufficiently high.
- Dust masks to EN 149 to be worn when work is carried out that is likely to cause dust to be liberated or when working with cement powder.
- Safety footwear to EN 345 200 Joules to be worn.

Additional Assessments:

- None Identified

Method Statement:

Beach recycling sediment is collected from where it has built up down-drift, and returned up-drift, using a telehandler and / or JCB 3CX to transport back again.

Advantages

- wider beaches attract tourists - good for local economy
- protects local people along the seafront from coastal flooding
- wider beaches absorb more wave energy - which puts less pressure on sea wall, reducing maintenance costs
- looks natural and improves the look of the beach

Description of the Works

Movement of sand on Llanbedrog beach from the land which is owned by National Trust (above

RISK ASSESSMENT / METHOD STATEMENT

MHWS) to the land owned by the Crown Estate (below MHWS) to the location of the coloured beach huts to the west of the beach. This process needs to be undertaken to ensure that there is enough sand in the location to safely install the beach huts for the summer season. The sand has been washed away over time, undermining the safety of the beach huts.

Duration of the works

Approximately 5 working days.

It is hoped that the work will only be required once before the beach hut season begins in mid-April – Start date to be confirmed.

Details of vehicle access routes to be used

Access for items of plant & Vehicles via Lon Nant-Iago beach road.

Details of any material you will remove

Up to 600t of sand from across the National Trust owned land and the Crown Estate owned land.

Details of material which is to be re-deposit

Sand/shingle from Llanbedrog beach.

Locations where you will move material to and from

Material will only be moved from the area identified on the plan forming part of this application and will stay on Llanbedrog Beach.

Other

Ensure control measures are followed, and PPE is worn

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RISK ASSESSMENT / METHOD STATEMENT

Emergency Procedures:

- A first aid kit will always be on site.
- All personnel should be trained in contacting the emergency services.
- Spill kits available for any isolated oil spillage incident.

Plant Requirements

- Telescopic Handler (JCB) and / or JCB 3CX
- Tractor & Trailer
- Utility Van

Labour Requirements

- Maximum of two Plant Operative
- Banksman (Client)

First Aider Details: Darron Roberts has the required FAW qualification

RISK ASSESSMENT / METHOD STATEMENT

Residual Risks:	**Likelihood (L 1 – 3)**	**Severity (S 1 – 3)**	**Risk Rating = L x S**
1. Members of the public	1	3	3
2. Tidal Water	1	2	2
3. Oil Spillage	1	2	2
4. Dust	1	2	2
5. Noise	1	2	2

Information Instruction and Training:

- CPCS Plant Operative (Skilled)

Monitoring Procedures:

- All activities to be monitored by a competent, qualified supervisor.

Applicable Legislation

Health and Safety at Work (etc) Act 1974

Management of Health and Safety at Work Regulations 1999

Construction (Design and Management) Regulations 2015

Provision and Use of Work Equipment Regulations 1998

Personal Protective Equipment Regulations 1992

Health and Safety (First Aid) Regulations 1981

RISK ASSESSMENT / METHOD STATEMENT

Comments by Team Carrying Out the Work

Name of Team Leader **Date**

WE FULLY UNDERSTAND THE CONTENTS OF THIS DOCUMENT AND WILL WORK IN ACCORDANCE WITH IT

Name	Signature	Date

NOTE
Before allocating this task to particular personnel the supervisor must consider the capabilities of the individuals concerned and any other personal matters that may affect their ability to carry out the task

Likelihood (L):	Severity (S):	Risk Rating (=LxS)
1. Highly Unlikely. 2. Unlikely. 3. Likely.	1. Slightly Harmful. 2. Harmful 3. Extremely Harmful	Low 1 – 3 Medium 4 – 6 High 7 – 9