

Llandanwg Cobble-Bed Renourishment – Method Statement by John Webb (Llandanwg Dunes Protection Group), version 1, October 2014

This Method Statement is applicable to the Above-Foreshore Cobble-Bed Renourishment Project.

Scope

This Method Statement provides for the importation of suitably approved, pre-selected stones to pre-designated positions and in a manner so as to conform to prescribed disposition within the existing cobble-bed above the MHWS level (2.56m AOD) at Llandanwg beach.

The principles underpinning the Methods to be employed during the works are as follows:

- The works shall present no hazard to members of the public.
- There shall be no damage to public or private property including to the surface or surrounds of roads, the car-park or the slip-way to the beach.
- There shall be no contamination by fuels or lubricants to public or private property including to the surface or surrounds of roads, the car-park or the slip-way to the beach or of the beach itself; nor shall there be any debris deposited on these areas.
- There shall be no importation, deliberate or inadvertent, of materials of an inappropriate type or of invasive non-native species into the coastal environment.

Description of the process of importing stones from both a local site and a site further removed

Local site: The following operation to take place:

- On site, selected stones will be loaded onto Dumper Trucks and transported directly to the specified location on the beach.
- If required, the stones will be cleaned prior to loading to removed debris and soil.
- At the specified location, a Tracked Excavator will be used to position the stones in accordance with the planning approval.
- The Tracked Excavator will have been unloaded from a Low-Loader at the car park prior to pre-positioning at the location of the planned cobble-bed renourishment. To prevent physical- and pollution-damage to the car park and slipway, the following measures will be employed:
- The machine's underside and tracks will have been pre-cleaned with a pressure-washer.

- Tyres will be placed along the route from the unloading point in the car park to the beach such that the Excavator's tracks will not come into contact with the surface of the car park or the slipway.
- Oil spill kits will be provided and will be accessible to the driver.
- To prevent harm to members of the public, in advance of the works commencing, signs will be placed in prominent positions in the vicinity to provide information on the nature and scope of the operation and to request members of the public remain clear of any machinery and active operations.
- A Banksman will be present during all operations; this person will be CPCS qualified (CITB-registered).
- Additionally, a Contractor Site Supervisor will be in place at all times during active operations to ensure members of the public maintain a safe distance from the works and that safe working practises are being followed at all times.
- All plant used will have valid Test Certificates and these will be available for inspection by the relevant authorities.
- The haulage contractor to be engaged in the works is J&E Evans, Agricultural and Plant Hire Contractor.

Site further removed (if deemed necessary):

- Material will be imported by lorry from the agreed quarry site for unloading on private land in the Llandanwg area.
- At that private location, the material will be loaded onto Dumper Trucks prior to being transported directly to the specified location on the beach as per the first stage of the method pertaining to a Local Site - above.
- Agreements will be put in place to permit the tipping and transfer of material to Dumper Truck.
- Thereafter, the procedure will be exactly the same as that pertaining to the Local site.

Upon completion of the works, the areas used during the operation will be returned their original condition, with any debris cleaned up, signs removed, and the beach looking as it did before the operations began, albeit with the cobble-bed elevated to the agreed level.