

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN: AP/22/00850/FUL

SITE: LONG ISLAND, LANGSTONE HARBOUR, HANTS.

Detail of work: Placement of shingle on northeast side of Long Island, RSPB site, Langstone Harbour to make this a suitable shingle nesting/roosting site.

Distribution List: Externally: Havant Borough Council, Marine Management Organisation/ Internally: RSPB Wez Smith and David Whelan and Director of JRB Environmental Ltd Mr John Blamire.

Planned start date: January 2024/February 2024: works to be completed before 30 April 2024

Introduction and Project Description

The Construction Environmental Management Plan ensures the development proceeds as per condition 7,9,10 of planning permission APP/22/0850 and Marine Licence L/2022/00422. This CEMP shall be informed by ecological receptors, (any ecological system or living organism forming part of such a system) and follow the avoidance/mitigation measures detailed within the Shadow HRA, to safeguard the environment/designated sites for nature conservation from potentially damaging activities whilst the works are undertaken.

Long Island is part of the RSPB Langstone Harbour Nature Reserve in Hampshire. Langstone Harbour is designated as a SSSI, SPA, SAC and Ramsar site. Long Island provides vital breeding and wintering habitat for protected birds including the little tern, sandwich tern, oystercatcher, and ringed plover. The northeastern side of the island is currently not able to be used as shingle nesting grounds or for roosting by these and other wintering/migrating birds. The purpose of this project is to place 1000 tonnes of shingle on the ridge of the northeast side of Long Island to make a suitable shingle nesting/roosting site. These works will include the collection, delivery, and placement of 1000 tonnes of shingle, to enhance a ridge approximately 150m long, 7-10m wide and 0.7m high. A 150m long brushwood fence will be installed to prevent shingle falling onto the nearby saltmarsh.

Section 5 of the Shadow HRA report by Exo Environmental identifies the ecological receptors namely: 1140 mudflats and 1330 Atlantic salt meadows and the Ramsar/SPA birds which are listed in table 9.1. in section 9 Appendices. The HRA outlines how the works can be undertaken to avoid harm under the screening section and conclusions. The recommendations of the HRA have been reflected in the planning permission and MMO licence conditions and implemented via our method statement and risk assessment as submitted as part of the tender process. The submitted method statement, risk assessment and CEMP summary table below provides the Construction Environmental Management Plan for these works as required.

CEMP summary table: including Environmental Management, Environmental Impacts, Environmental Mitigation Measures, Monitoring and Auditing.

OPERATION/ ACTIVITY	RISK EFFECT POSSIBLE ENVIRONMENTAL IMPACTS /MITIGATION MEASURES AND MONITORING DURING WORKS.	RISK RATING/ LEVEL 1=low 3=high	IS PROTECTION OF ECOLOGICAL RECEPTORS ENSURED?	PLANNING AND MMO CONDITIONS MET?
Works out carried out between January to April 2024	Works to be undertaken on the highest spring tides to prevent damage to the landing site on the east of the island and to enable multiple deliveries of shingle. This would be undertaken on the following dates as specified: January 11 th to 16 th , February 9 th to 15 th , February 25 th to 28 th , March 9 th to 15 th , March 25 th to 30 th , April 7 th to 13 th , April 23 rd to 28 th . We will aim for the January or February dates as at our post tender meeting with Wez Smith from the RSPB, this was highlighted as the optimum time to avoid any potential conflict with breeding birds. The timeframe chosen will also be weather dependent.	1	To protect identified ecological receptors 1140 mudflats and 1330 Atlantic salt meadows and the Ramsar/SPA birds listed in 9.1 of Shadow HRA. Please note that this risk is low due to the time of year to avoid bird nesting period and undertaken on spring tides to allow clearance of barge on delivery of materials. Flat bottom work boats are being used.	Yes. Condition 7, Condition 9, Condition 10. AP/22/00850/FUL. Condition 5.2.2, Condition 5.2.7. L/2022/00422
Delivery of materials and shingle to Long Island/including	The MMO licence requires that the materials for the works in this case the Solent Marine Shingle is clean and has no contamination. A separate report has been submitted to the MMO to fulfil this requirement. Contamination of non-native marine species is highly unlikely as the materials is taken from the same coastal cell and local	1	To protect ecological receptors 1140 mudflats and 1330	Yes. MMO Condition 5.2.1. L/2022/00422.

compliance with checking materials meet clean materials conditions.	area therefore other contaminants are extremely unlikely to be present. When the shingle is removed it is sat out to dry out before use. The vessel hold that will carry the marine shingle material is cleaned, the bottom of the vessel is antifouled and there will be a boot wash on site to prevent bringing contaminants onto the island. As per the advice in the Marine Biological Association marine non-native species guide 2020 all personnel on site will be following the clean, check, dry process, for all clothing, equipment, and materials.		Atlantic salt meadows and the Ramsar/SPA birds listed in 9.1. of Shadow HRA. This is low risk due marine shingle being taken from the same coastal cell and clean, check dry process followed as per MBA guidelines.	
Walk over of site and installation of tracked matting	To install tracked matting starting at the west end of the island and working back to the east end of the island. The tracked matting will be placed to avoid vegetation damage, allowing the dumper to stay on firm ground and drive safely. The tracked matting will be pinned down, so it doesn't float away and provides stable surface for machinery and limits compaction.	1	To protect ecological receptors 1140 mudflats and 1330 Atlantic salt meadows and the Ramsar/SPA birds listed in 9.1. of Shadow HRA. The tracked matting should mitigate any negative impacts identified.	Yes. Condition 7 Condition 10 AP/22/00850/FUL Condition 5.2.3. L/2022/00422
Unloading of materials and landing site identified in section 3 of method statement. Route of transported shingle.	Materials will be unloaded by long reach digger to identified landing site shown in our method statement avoiding the saltmarsh and soft mud banks. This will allow the materials to be loaded onto the tracked matting along the line of the spit to be formed. As per the method statement the route of the transported shingle will avoid important mudflat and saltmarsh, either side of the firm ridge.	2	To protect ecological receptors 1140 mudflats and 1330 Atlantic salt meadows and the Ramsar/SPA birds listed in 9.1. of Shadow HRA. The careful undertaking of works combined with trained operatives, and	Yes Condition 7. Condition 10. AP/22/00850/FUL. Condition 5.2.8. L/2022/00422.

			defined route will prevent damage to receptors.	
The storage of plant used in the construction process	As per the agreed risk assessment attached the machinery will be kept at Long Island above the high-water mark on some established heaps for safe parking and be kept locked as per the agreed method statement There is minimal public access to Long Island. No hazardous materials or equipment will be stored in locations where flooding may occur at high tide.	1	To protect ecological receptors 1140 mudflats and 1330 Atlantic salt meadows and the Ramsar/SPA birds listed in 9.1. of Shadow HRA. The risk to receptors is low due to the location of the island and the security measures suggested.	Yes Condition 7. Condition 10. AP/22/00850/FUL. Condition 5.2.5. L/2022/00422.
Use of external lighting during construction.	These works will only be undertaken during daylight hours so no artificial lighting will be required.	1	To protect ecological receptors 1140 mudflats and 1330 Atlantic salt meadows and the Ramsar/SPA birds listed in 9.1. of Shadow HRA. There is no risk to receptors namely protected birds as operations will only be in daylight hours.	Yes Condition 7. AP/22/00850/FUL
Appropriate storage of fuel and chemicals	There will be no fuel or chemicals stored on the site, any re-fuelling of machinery will take place by use of a portable jerry can, but no fuel will be stored on site. Only 20 litres of fuel will be kept on site in the portable jerry can away from high tide points, it will be stored and managed securely. No personnel will be allowed to smoke or undertake refuelling without supervision. A fuel spill kit will be kept on site in case of	2	To protect ecological receptors 1140 mudflats and 1330 Atlantic salt meadows and the	Yes. Condition 7. AP/22/00850/FUL. Condition 5.2.5. L/2022/00422.

	an accident.		Ramsar/SPA birds listed in 9.1. of Shadow HRA. The CEMP will be followed by all personnel who are all trained operatives.	
Waste management including prohibiting burning	There will be no waste management required. There will be no burning of materials or waste as part of this project.	I	To protect identified ecological receptors I I 40 mudflats and I 330 Atlantic salt meadows and the Ramsar/SPA birds. There is no risk to receptors as this type of operation will not be carried out.	Yes Condition 7. AP/22/00850/FUL
Other environmental measures to ensure BAP priority habitats are protected.	Areas of vegetated shingle and saltmarsh will be coned off to avoid accidental damage from machinery. A clear area of works will be identified for all personnel. It is not necessary for personnel to explore the island, as they will be instructed to remain within the area of works only.	I	To protect identified ecological receptors I I 40 mudflats and I 330 Atlantic salt meadows and the Ramsar/SPA birds listed in 9.1 of the Shadow HRA. The CEMP will be followed by all personnel who are all trained operatives.	Yes Condition 7. Condition 10. AP/22/00850/FUL