Marine Licence Applications
Report No 46. 1st January 2021

This report covers applications submitted since 1 October 2020 for work in the Solent, not included in previous reports. It excludes applications for the burial of human remains at sea.

1. Applications open for consultation

There are none this month

2. Summary of Applications open to Consultation

Not applicable

3. Applications not yet decided by MMO

Case Information	Project Type	Project Title	Locations	Applicant Name	Submitted	Latest Decision
MLA/2020/00473	Application - Other deposits	Electrical Cable for Haslar Pontoons	Portsmouth harbour	RNSA Moorings Limited	27-Oct-20	
Submitted						
SAM/2020/00075	Sampling - Deposits	Leamouth Silt 4 year silt analysis 112020	River Itchen & Nab Tower	Cemex Uk Ltd - Belvedere	17-Nov-20	
Submitted						
MLA/2020/00420	Application - Sampling	Portsmouth City Council - Tipner West & Horsea Island East Near Shore Site Investigations	Portsmouth Harbour	Portsmouth City Council	01-Oct-20	
Submitted						

4. Summaries of Applications not yet decided

MLA/2020/00473

Electrical Cable for Haslar Pontoons
It is proposed to install an electric cable from the land to provide electrical power for the moored vessels. This is a standard installation for such moorings.
The armoured cable will run from the land and along the seabed to the pontoon. The cable will be a standard subsea cable and restrained on the seabed using a suitable anchoring system.
The cable laying is anticipated to be undertaken over a single high water period with the works expected to be fully completed within 1 week.
For the avoidance of any doubt we require a 1 year licence to ensure available time for contractors and potential COVID-19 restrictions.

SAM/2020/00075

Silt analysis
As per our licence conditions we will carry out a sample analysis of our silt generated from the processing of marine aggregate on year four (2020) and year nine (2025). This will be to determine if our silt still meets the requirements for disposal.
Material details: Silt generated from the processing of marine aggregates. This material is <63microns and cannot be used in the final product.
Methodology and programme for removal of material:
The wharf receives marine aggregates, extracted under Marine Licences, from the seabed several kilometres offshore, which are delivered by a dredger. Processing consists of washing and grading the aggregate into sand and various gravel size fractions. The washing process creates a quantity of silt (<63 microns) that cannot be used in the final processed product. This silt is pumped in a suspension into concrete holding tanks where it is concentrated through gravity settlement. Small quantities of anionic flocculent are added at times during processing to aid the settlement and concentration of the silt and clean the water the product is washed with, ready to be recycled back through the processing plant.

The aggregate wharf receives cargoes regularly (several times a week, depending on demand) and the processing aggregate and production of silt is an ongoing process into the foreseeable future. Typically the silt in volume amounts to 1.5% of base product depending on dredge area. We expect to process approximately 500,000t of dredged aggregate per year equating to the production of 7,500t of silt.
Methodology and programme for the disposal of removed material.

The silt is disposed of at the "Nab Tower" (WI060) disposal site in the eastern Solent. The material is loaded from the silt pond (concrete holding tank) on the quay directly into the hopper barge / bottom dumping barges alongside the quay. The barge then travels to the licensed disposal site boundary. The material is then discharged within the disposal site by bottom doors or split hopper depending upon vessel.
The practice of disposing of silt to the "Nab Tower" disposal site from marine aggregate processing is an established licensed activity (L/2017/00090/1).

MLA/2020/00420

Portsmouth City Council - Tipner West & Horsea Island East Near Shore Site Investigations

Land at Tipner West & Horsea Island East (TW&HIE) has been identified as a potential strategic location that, if unlocked, could help to support the UK's growing marine and maritime sector and help Portsmouth's housing needs. By developing a marine employment led hub, integrated with a new urban quarter, TW&HIE could provide a socially, environmentally and economically sustainable community assisting to meet housing and employment needs across the city, region and wider UK economy. TW&HIE represents the largest area of undeveloped and underused land in the city at 31.4 hectares (ha), whilst the wider Strategic Development Area (SDA) also incorporates the reclamation of circa 27ha from Portsmouth Harbour in order to deliver the scheme. The SDA proposal for TW&HIE therefore incorporates a total of 59ha (145 acres), across the two sites linked by a proposed bridge and allowing for a significant mix of development, including up to 10ha of marine employment and up to 4,000 homes.

As the TW&HIE project is developed to progress the scheme within the Consenting Strategy a programme of Site Investigations to inform the project is required in advance. This application therefore seeks permission to conduct the near shore marine based Ground investigations as specified.

Ground investigations are planned to be completed as boreholes completed from a jack up rig, with rotary drilling proposed. The opportunity to utilise shell and auger techniques within any issued marine licence is also sought, however the use of such is considered unlikely.

The jack up barge will position itself at the borehole location and will 'spud down' temporarily to ensure a stable and level platform. The borehole will then be completed and extracted to the specification required, before the barge retracts the 'spud legs' and relocates to the next location

Diameter of boreholes is estimated at 100mm diameter. The total volume of material involved in the Ground Investigations is therefore expected to be 12-19m3.

Paul King 1 January 2021