

Project Update

The new defences for North Portsea Island are designed to reduce the risk of coastal flooding over the next 100 years. The purpose of this newsletter is to provide an update on progress and notification of upcoming work. If you would like to receive an electronic copy please e-mail: npis@portsmouthcc.gov.uk.

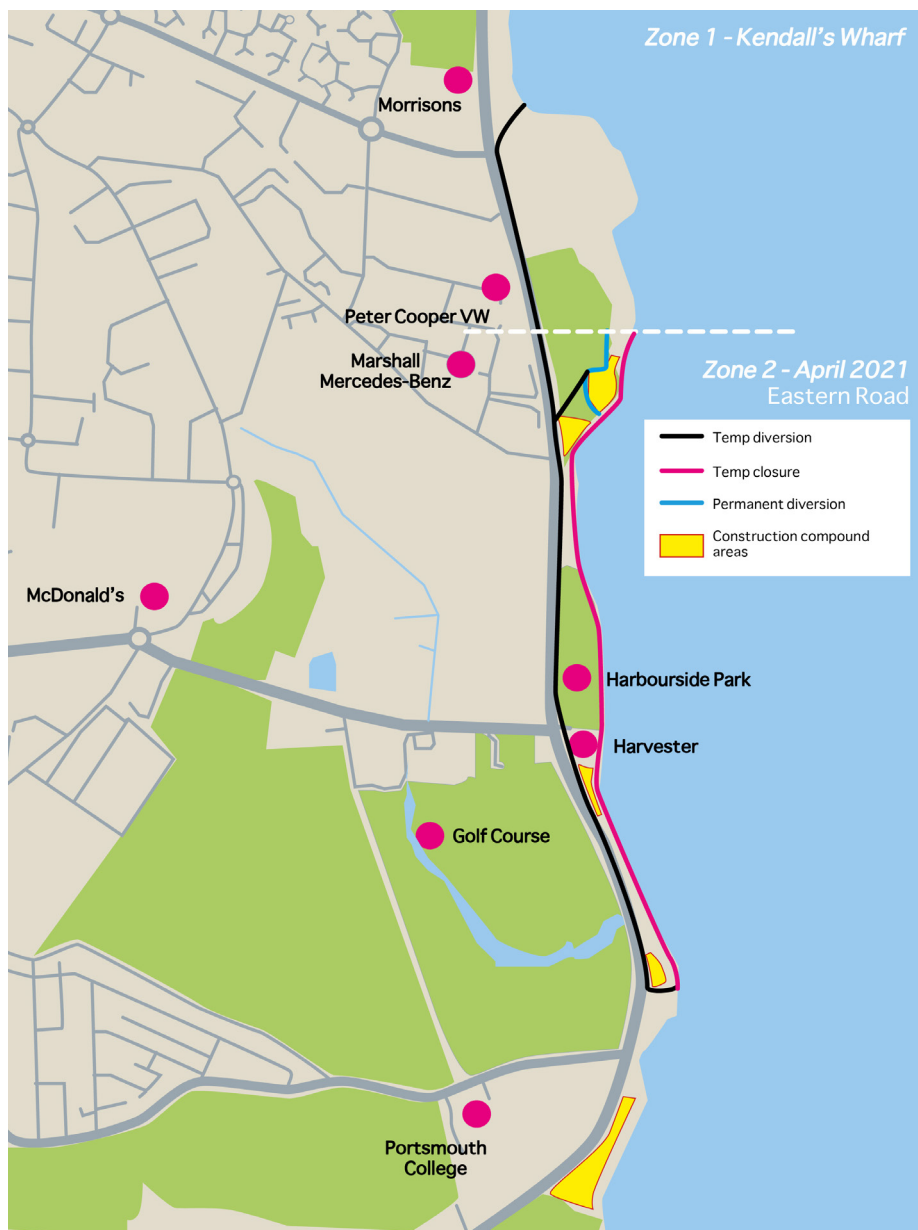
We can only work on the defences during the spring and summer due to the local ecology (overwintering birds), but landscaping works can be undertaken in autumn and winter.

Over winter, we planted trees to reinstate the area around Kendall Aggregates, and planting was undertaken around the new the footpath adjacent to the sailing clubs. We will resume work on the coastal defence in spring, with measures in place to manage risk due to Coronavirus.

We were hoping to have a public exhibition event to explain about the works but due to Coronavirus this is not possible this year – but all being well, we will hold an exhibition before the works in 2022.

In 2021 we will be working at:

- **Tudor Sailing Club, Andrew Simpson Centre and the area between the sailing clubs and Harbourside Park:**
 - In 2020, we made a horizontal sawcut in the old wall to prepare for works in 2021. The sawcut will enable the old wall to be taken down much faster, in readiness for the work to form the new wall.
 - We will install a sheet pile wall using a movax piling rig (see photo). This helps form the base for the concrete wall. During piling you may notice some noise and vibration. Levels of noise and vibration will be monitored to ensure that levels do not exceed limits set by the Local Planning Authority.
 - Next, we will form the concrete wall using a mould or “formliner” (see photo) to add a specifically designed texture to the seaward face of the concrete seawall to encourage ecological growth, which improves the environment in the area (for more information:



our innovative work with formliners has been featured in the New Civil Engineer and the article can be found online at: www.newcivilengineer.com/the-future-of/future-of-floods-engineering-ecology-into-portsmouth-sea-defences-18-12-2020/.

- Finally, we will reinstate the area (i.e. fencing and footpath, and works to the slipways at the sailing clubs).

- **Harbourside Park:**
 - We will prepare the area for the defence works at Harbourside Park. We will begin constructing the defence in 2022.
 - Firstly, we will install a new fence to separate Harbourside Park from the working area.
 - Then we will temporarily reduce the level of the footpath in some areas, using two 8-tonne mini-diggers (see photo). This is to enable the team to make a horizontal sawcut in the wall.
 - Next we will widen the footpath so the equipment can fit (the width of the path will be reduced

again once the defence works are complete).

- Finally we will make a sawcut in the old wall to prepare it for works next year. This does not increase the flood risk and the existing wall is still functional

To enable these works to go ahead a section of the coastal path has been closed, and pedestrians diverted to Eastern Road.



Formliner



Movax piling rig



8 tonne mini-digger

Project Timeline

Name	Timescale for construction	Status
Kendalls Wharf	2020	Complete
Tudor Sailing Club & Andrew Simpson Watersports Centre	2020/2021	In progress
Harbourside Park & The Great Salterns Mansion Harvester	2021/2022	In progress
Great Salterns Quay and Milton Common	2022/2023	Not started

SAFETY

Please keep your safety in mind when walking close to construction works. We apologise for any inconvenience caused and thank you in advance for your cooperation throughout the works.

CONTACT US

If you have any questions about this project or issue to report, please contact the Coastal Partners Team at:

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