



North Portsea Island Works Phase 3 FAQs

(Tipner Lake - Mountbatten Centre, Twyford Avenue to Ports Creek Roundabout)

What do the Eastern Solent Coastal Partnership (ESCP) do?

- Leads on coastal issues, such as managing flooding and erosion risk, on behalf of Portsmouth City Council, Fareham Borough Council, Havant Borough Council and Gosport Borough Council,
- plan, design, inspect and maintain existing coastal assets whilst planning for the future,
- the overarching vision of the ESCP initiative is to: *reduce the risk of coastal flooding and erosion to people, the developed and natural environment by encouraging the provision of technically, environmentally and economically sustainable coastal defence and protection measures.*

What is the Environment Agency's role?

- To *ensure that the proposed defences are of technically, environmentally and economically sustainable coastal defence and protection measures,*
- decide which schemes are allocated funding based on the cost v's benefit ratio,
- are responsible for the allocation of Flood Defence Grant in Aid funding, made available from Defra.

What is Royal Haskoning DHV Role?

- Royal Haskoning have been appointed as the design consultant for the remaining phases of the North Portsea Island scheme,
- are an international engineering consultancy with a wealth of experience in designing coastal protection schemes around the world,
- they completed the outline design for the full scheme back in 2014 and also developed the detailed design for the first phase of work at Anchorage Park,
- the ESCP and Royal Haskoning will work together as an integrated team throughout the design and construction of the remaining phases of the scheme.





How are you addressing climate change in the scheme?

- As part of the assessment process climate change allowances have been included within the outline design options,
- the leading options and the design levels look to achieve a 100 year design life for a 1:500 year flood event (0.2% probability of flooding in any year) including a consideration of sea level rise over that time. This standard of defence is one of the highest in the country outside of London.

What do you mean by likelihood of flooding?

- The probability or likelihood of flooding is described as the chance that a location will flood in any one year,
- the likelihood is expressed as a percentage i.e. 0.2%, or as a chance e.g. a 1 in 500 chance in any given year,
- it is important to remember that the risk of a flood occurring is there at all times - this year, next year and future years.

How much will the scheme cost and how will it be paid for?

- This phase of the scheme is expected to cost in the region of **£11 million** and is being 100% grant funded by Defra through Flood Defence Grant in Aid.

Why do we need to improve coastal defences at Tipner?

- The whole North Portsea Island scheme has been designed to reduce the risk of flooding from the sea to over 4,200 homes and 500 businesses,
- the existing sea wall along this stretch of frontage is in varying condition, in some places poor,
- the sea wall height is considered too low to provide adequate flood protection to the area behind, so works will include concrete encasing the existing wall, and in some sections, rebuilding of the existing sea wall, increasing its height and improving its condition.

What work is due to happen?

- In Spring 2016, an investigation to assess the condition of the existing seawall





and local ground conditions was carried out, informing the detailed design, during the construction phase (from April 2017 through to October 2018), concrete works will be carried out to improve the wall condition, life span and quality,

- to manage flood risk in this area, the seawall height will need to be increased by approximately 1.4m from the current levels,
- increasing this wall height will afford the properties in the area a greater standard of protection against coastal flooding.

When will it happen?

- **September 2016:** Completion of the detailed design stage,
- **Early 2017:** Public Exhibition to present the design and explain the work, when and what we will be doing,
- **Spring 2017:** Phase 1 of the Construction works commence,
- **Autumn 2017:** No Construction works permitted throughout the winter due to Environmental Constraints,
- **Spring 2018:** Phase 2 of the Construction works commence,
- **Autumn 2018:** Completion of the works and full site re-opening.

Will I still be able to access the promenade during construction?

- The coastal footpath between the Mountbatten Centre (Twyford Avenue) and Ports Creek Roundabout will be closed while work is taking place,
- the public cycleway and footpath along Tipner Lake will be out of use during construction, with diversion routes provided,
- we are working closely with local groups and the Portsmouth City Council Highways team, to ensure a suitable alternative route is provided during this period.

Why do you want to shorten the Lower wade way slipway?

- The current slipway structure is approximately 285m in length, old and in poor condition. Maintaining this length of slipway can be costly and often encourages unwanted fly tipping in the area,
- there is an opportunity to amend the slipway design as part of the coastal scheme. This amendment would involve shortening its length, providing tidal slipway access to the foreshore,





- a reduced slipway length would create large environmental benefits, including gaining back internationally protected mudflat.

Contact Information

For more information, please visit www.escp.org.uk

For regular updates on the scheme and other projects, you can like the ESCP on Facebook *@NorthPortsealand*, and follow them on Twitter and YouTube - *@EasternsolentCP*.

