

HAVANT BOROUGH COUNCIL

Delegated Decision by Cabinet Lead

Decision By: Cllr Guest – Cabinet Lead for Economy, Planning and the Built Environment.

Issue Title: South Hayling Beach Management Plan (2017 – 2022)

Report by: Samantha Cope

Key Decision: Yes

1.0 Purpose of Report

1.1 That Cabinet adopts the recommendations of the new South Hayling Island Beach Management Plan (2017 - 2022).

2.0 Decision Required

2.1 That:

- 1) The Cabinet Lead approves the findings and recommendations from the South Hayling Island Beach Management Plan to implement a 5 year programme of sustainable beach management activities that manage coastal flood and erosion risk to the South Hayling Island beach frontage for the period 2017/18 to 2021/22, subject to securing the funding from the Environment Agency.
- 2) The Cabinet Lead instructs the Director of Operations to submit an Application for Funding (FCERM2) to the Environment Agency under the Land Drainage Act (1991) for £3.3 million of Flood Defence Grant in Aid to fund the 5 year South Hayling Island Beach Management Plan programme. This is at no cost to Havant Borough Council.

3.0 Summary

3.1 In 1985 the first Hayling Island Beach Replenishment Scheme was implemented to protect the Eastoke residents from coastal flood and erosion risk. Over 1500 homes and 170 commercial properties are currently at risk of coastal flooding and erosion on the Eastoke Peninsula. The Eastoke Point Sectoral Strategy Study (2006) recommends Beach Management as the preferred option for delivering coastal flood and erosion risk management to a 1 in 200 year return period safe standard of protection. The North Solent Shoreline Management

Plan which was approved in 2010, also recommends a policy of 'Hold the Line' for the whole of the South Hayling Island coastline.

- 3.2 The South Hayling Beach Management Plan (BMP) has now been prepared to identify a clear strategy and programme to delivering a robust and sustainable beach management approach along the Hayling open coast (Black Point Spit to The Ferryboat Inn) over the next five years.
- 3.3 Officers submitted an Outline Business Case to the Environment Agency on the 20th January 2017 requesting £3.3 million of Flood Defence Grant in Aid funding. Technical approval from the Environment Agency's National Project Assurance Board (NPAB) was received on the 27th February 2017 and confirmation of grant funding was received on the 6th April 2017. Once the Application for Funding (FCERM2) is submitted, Havant Borough Council can claim the funding.

4.0 Subject of Report

BEACH MANAGEMENT PLAN OBJECTIVES

- 4.1 The key technical objectives of the South Hayling BMP are as follows:
- Reduce the risk of coastal flooding to 1,555 households and 170 commercial properties from wave overtopping.
 - Provide a defence against a 1 in 200 year storm event
 - Provide a scheme which is adaptable to sea level rise and climate change
 - Work with natural coastal processes to maintain movement of material along the frontage
- 4.2 The key environmental objectives are as follows:
- Avoid damage to human health in the form of danger to life during flooding and adverse impact following flooding
 - Where appropriate enhance the human environment (Human Health, Population and continued Flood and Coastal Erosion Risk Management)
 - Maintain the amenity value of the beach over the whole frontage for both the local population and the holidaymakers who visit the area
 - Protect and where possible enhance biodiversity (Flora and Fauna), water quality, existing infrastructure (Material Assets), cultural heritage features (Cultural Heritage) and landscape character / visual amenity (Landscape)
 - Minimise disturbance to the community and natural environment through construction activities.

The BMP aims to identify how to deliver the above objectives in the most cost effective and environmentally acceptable manner with the minimum of disruption to the public and the environment.

Key Recommendations

- 4.3 ***The preferred option for maintaining the Eastoke nourished frontage is Beach Recycling from the open beach. This includes bringing material back into the system from the Chichester Harbour approach channel as***

well as a new source of material at Gunner Point, pending landowner agreement and planning approval. Where additional material is required, it will be sourced through recharge from offshore licenced aggregate sites. Small quantities of recharge will be brought in by road, whilst larger quantities of recharge will be dredged and rainbowed ashore.

- 4.4 **The overall cost of the BMP operations is £3.3 million over 5 years.** This figure includes the full cost of the recycling and recharge operations and the associated monitoring, analysis & reporting. It is anticipated that the full cost of the beach management operations, including staff costs, will be funded by Flood Defence Grant in Aid.
- 4.5 **The Beach Management Activities are programmed for March each year with campaigns in September where necessary.** Ongoing monitoring of beach levels is carried out throughout the year to inform the ongoing beach management activities.
- 4.6 **Appropriate trigger levels for emergency works are identified in the BMP.** A rapid and sustained reduction in beach levels due to extreme conditions will require emergency works to re-establish an acceptable standard of protection. Any additional funding required due to emergency works will be sought from Flood Defence Grant in Aid.
- 4.7 It is proposed to continue to let annual contracts for land based beach recycling and recharge by road and to tender for a further 5 year term dredging contract in accordance with Havant Borough Council Standing Orders and Financial Regulations.

5.0 Implications

5.1 Resources:

- 5.1.1 All staff costs will be covered by this capital grant so there will be no net increase in revenue expenditure. Capital grant for the BMP is allocated on the Environment Agency's Medium Term capital Programme which will allow, subject to the availability of capital grant, the Eastern Solent Coastal Partnership to claim for all grant eligible costs upon approval of the BMP business case as indicated by the spend profile below (Table 5.1).

Table 5.1: Summary of projected spend profile (inc inflation and contingency)

Annualised funding needs (£k)	Yr 1 2017 /18	Yr 2 2018 /19	Yr 3 2019 /20	Yr 4 2020 /21	Yr 5 2021 /22	Total
Grant in Aid	953	563	677	563	571	3,327

5.2 Legal:

- 5.2.1 There are no known legal implications of adopting the South Hayling Beach Management Plan. The BMP replaces a previous version produced in 2012, and recommends a continuation of the existing programme of works. Any works are

carried out under the Land Drainage Act 1991, where Havant Borough Council have permissive powers to act in the public interest; doing so only when there is:

- a clear economic benefit;
- an appropriate engineering solution can be achieved; and,
- no contravention of environmental legislation.

The planning application for the 2012 Beach Management Plan is in place until 2019. While current beach management practices can continue under the current consents, a new planning application and Marine Licence have been submitted to cover the whole south side of Hayling Island. This will open up a new source of material at Gunner Point, pending agreement from the landowner prior to extraction.

5.3 Strategy:

5.3.1 The Beach Management Plan is in line with the Havant Borough Council Core Strategy, "Caring for our Borough". As mentioned in Section 3.1, the Eastoke Point Sectoral Strategy Study (2006) recommends Beach Management as the preferred option and the North Solent Shoreline Management Plan (2010) also recommends a policy of 'Hold the Line' for the whole of the South Hayling Island coastline.

5.4 Risks:

5.4.1 The works proposed as part of the Beach Management Plan are a continuation of existing practices, therefore the risks are well known and have been compiled into a Risk Register for the project. Measures have been put in place to manage and mitigate these and an Environmental Impact Assessment has been submitted as part of the planning application.

5.5 Communications:

5.5.1 A communications plan, including strategies for managing communications / public relations, has been produced for the BMP. This will be a live document that will be maintained over the five year period.

5.6 For the Community:

5.6.1 The project will deliver direct benefits to 1,555 households and 170 commercial properties for the community on Eastoke Peninsula by reducing flood and coastal erosion risk.

5.7 The Integrated Impact Assessment has been completed and concluded the following:

5.7.1 The Beach Management Plan has been in operation since 1992 and has evolved to produce the most technically, economically and environmentally sustainable solution. In doing so, the plan works with nature and potential climate change impacts by promoting a 'soft engineering' solution, using the beach as the main form of coastal defence to reduce the risk of flooding and erosion to the properties at Eastoke. In doing so, this supports the amenity value of the area

and sustains economic development. Operationally, this 5 year phase of the BMP will focus on recycling material from the open beach back to Eastoke, supplementing with recharge, thereby supporting environmental and sustainability issues.

5.7.2 Other conclusions from the Integrated Impact Assessment:

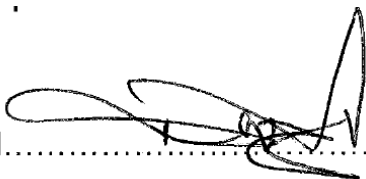
- Positive impacts for the health and well being for the local community in flood defence and beach access
- Positive impacts in retaining access to local shops and facilities
- Diversions have been assessed to ensure they are the safest most accessible routes whilst the beach is closed.
- Equality policies will be required by all contractors
- In-house staff will undertake mandatory e-learning Course on Equality and Diversity
- Customers will be fully informed of works in a timely fashion
- There will be an opportunity for the local community to be involved with beach cleaning activities
- There will be reduced erosion and flood risk to any new development over the life of the Beach Management Plan
- Positive impact on improving/supporting local education, training/ work experience opportunities
- Safeguarding children and vulnerable adults policy will be required by all contractors
- An assessment of the Eastern Solent Coastal Partnership website accessibility has been identified as an action from this assessment and is currently underway.

5.7.3 The proposed works will comply with the latest CDM Health and Safety regulations. This will address any potential health and safety implications for the general public as well as for those people directly involved in the works.

6.0 Consultation

6.1 Key statutory consultees, such as the Environment Agency, Natural England and the Marine Management Organisation, as well as other interested parties and landowners have been consulted during preparation of the BMP. The BMP Communications Plan identifies all of the consultation carried out during the preparation of the BMP report and also proposed for each element of the ongoing operations.

Agreed.....



Councillor David Guest

Date 16th May 2017

Appendices:

Appendix A - Cabinet Lead Briefing note (2017): Outlining a short summary of the South Hayling Beach Management Plan (2017) with diagrams of the location and extent of the works.

Background Papers:

South Hayling Beach Management Plan (2017)
South Hayling Beach Management Plan Outline Business Case (2017)
North Solent Shoreline Management Plan (2010)
Eastoke Sectoral Strategy (2006)

Signed off by:

Legal Services: (1st March 2017) Nick Leach approved.
Head of Service: (11th April 2017) Lyall Cairns approved.
Estates: (22nd February 2017) Dina Pink approved.
Finance: (24th February 2017) Al Tottle and Craig Smith approved.

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APPENDIX A: SOUTH HAYLING BEACH MANAGEMENT PLAN

BRIEFING NOTE – May 2017

Lead Officer: Samantha Cope

South Hayling BMP – Project Overview

Background to Beach Management Plans

A Beach Management Plan (BMP) is an important reference document containing all the relevant information about the beach in question and defining a detailed approach to achieve the agreed management policies. The objectives of the BMP are normally defined in an appropriate Strategy or Shoreline Management Plan, and include reducing the risk of flooding or erosion in conjunction with improving the natural environment. A BMP is a pre-requisite for obtaining Flood Defence Grant in Aid from the Environment Agency for ongoing beach management works to deliver flood and coastal erosion protection.

South Hayling Beach Management Plan

The North Solent Shoreline Management Plan (2010) identifies a policy of Hold the Line for the entire Hayling open coast. The Eastoke Sectoral Strategy Study (2006) identifies Beach Management as the preferred option for delivering flood and erosion protection to a 1 in 200 year standard of protection. The current South Hayling BMP (2012-2017) has successfully managed flood and erosion risk through Beach Management Activities over the past 5 years (Plates 1-4). This note sets out the approach for delivering the next South Hayling BMP (2017-2022) (Figure 1).

The BMP covers maintenance, monitoring and emergency works to maintain the beach to an adequate standard of protection along the Eastoke southern frontage. The BMP is based on the methods and techniques developed and employed by HBC since the 1985 Beach Replenishment operation. These include beach recycling (moving beach material from areas of accretion to areas of erosion) and recharge via road import or a dredge. Following negotiations with Hayling Golf Club, Gunner Point will become a new source of beach material pending endorsement on quantities of material prior to extraction and planning approval (Figure 2).

The planning application for the existing BMP (2012-2017) is in place until 2019. However we have taken the opportunity to extend this to cover the whole south side of Hayling Island, including Gunner Point (Figure 3). A Marine Licence is also being applied for, to include the same area. While current beach management practices can continue under the current consents, the new planning application and Marine Licence will allow greater flexibility.

Programme for Delivery

The ESCP developed the BMP in-house which included preparing and submitting an Outline Business Case to the Environment Agency on the 20th January 2017 for approval by their National Project Assurance Board (NPAB). The Outline Business Case applied for £3.3 million of funding over the next 5 years including provision for beach management activities, HBC staff and study costs. The costs will be fully funded by Flood Defence Grant in Aid at no cost to HBC. Technical approval from the Environment Agency's National Project Assurance Board (NPAB) was received on the 27th February 2017 and confirmation of grant funding was received on the 6th April 2017. Once the Application for Funding (FCERM2) is submitted, Havant Borough Council can claim the funding.



Plate 1: Storm damage to properties behind the seawall, December 1978



Plate 2: Wave overtopping adjacent to Creek Road car park, pre Beach Replenishment 1985



Plate 3: An excavator on site at Hayling



Plate 4: Trucks transporting material on site



Figure 1: Location of South Hayling Island Beach Management Plan

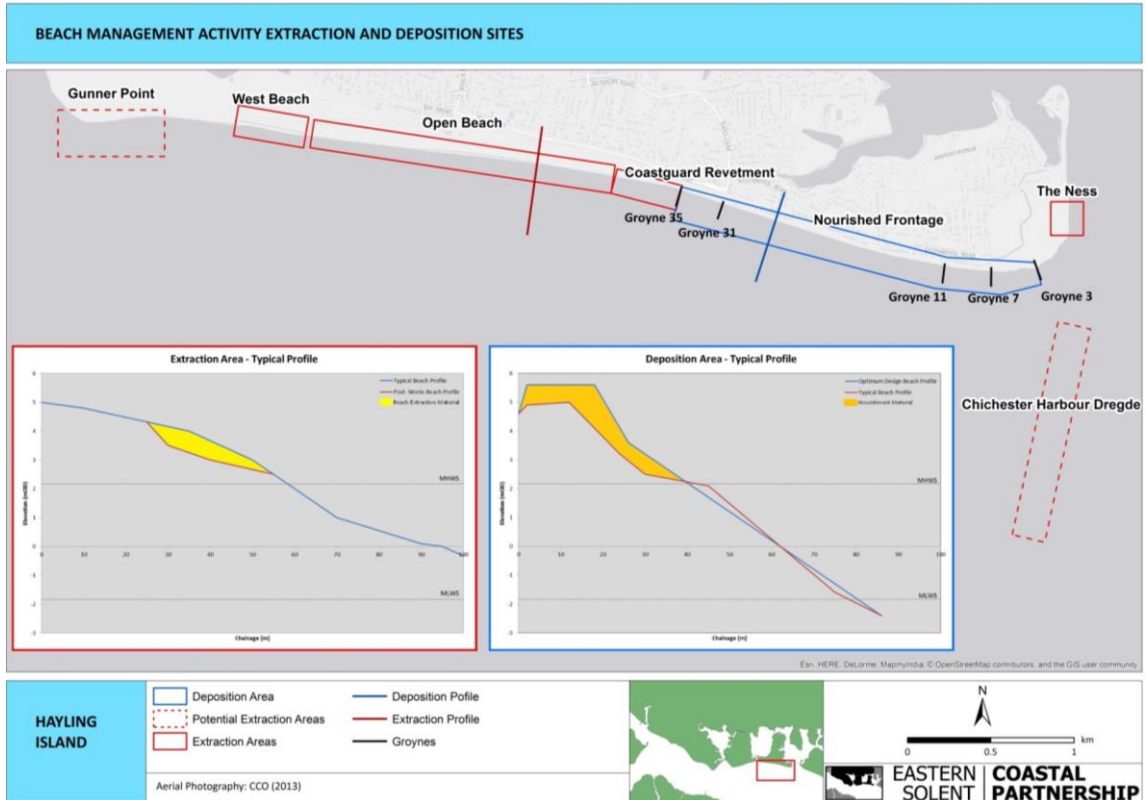


Figure 2: Extraction and deposition areas for the Beach Management Plan

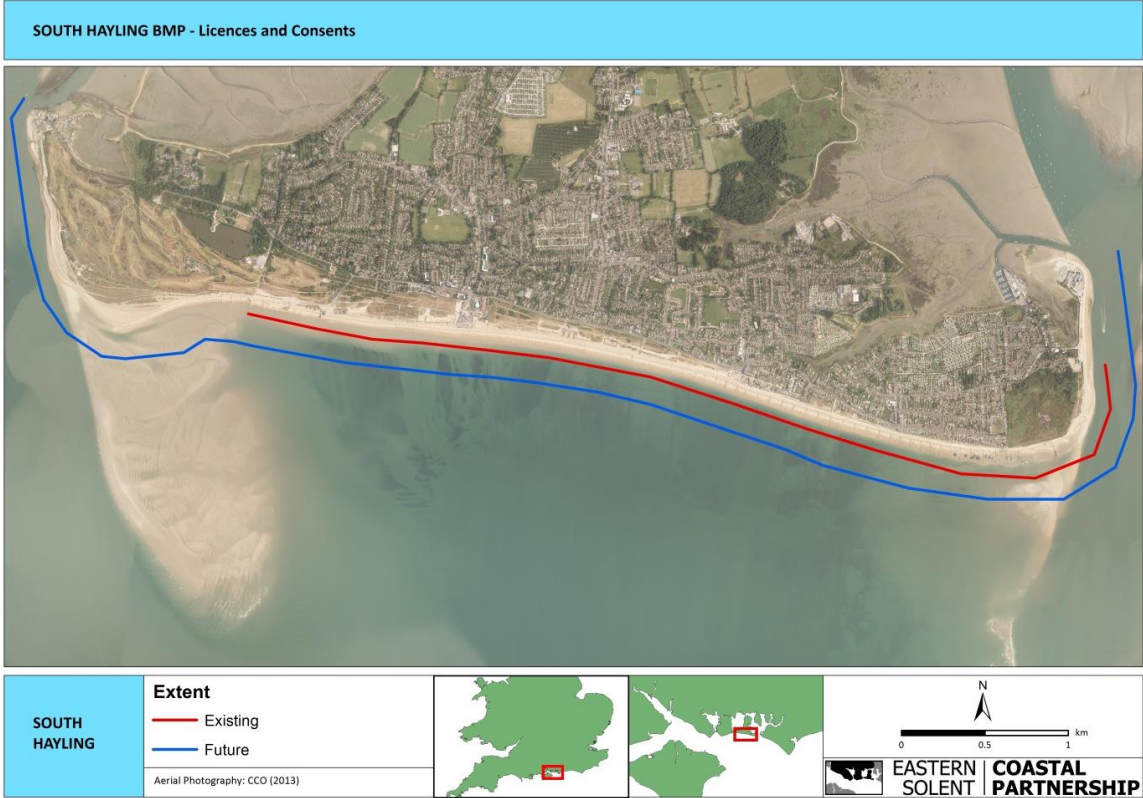


Figure 3: Extension of 2019 planning permission to cover whole sediment cell