Southampton Coastal Flood and Erosion Risk Management Strategy

Appendix 1J – Stakeholder Engagement

November 2012

EC09/01/1673J

Prepared for: Southampton City Council

UNITED KINGDOM & IRELAND
## REVISION SCHEDULE

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<th>Rev</th>
<th>Date</th>
<th>Details</th>
<th>Prepared by</th>
<th>Reviewed by</th>
<th>Approved by</th>
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<tr>
<td>0</td>
<td>07/11/11</td>
<td>Draft for Consultation</td>
<td>Jonathan Short</td>
<td>Dr John Pos</td>
<td>David Dales</td>
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<td>(Assistant Engineer)</td>
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<td>Dr Andrew Pearce</td>
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<td></td>
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<td>(Coastal Specialist)</td>
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<td>1</td>
<td>29/02/2012</td>
<td>Post Consultation Revision</td>
<td>Jonathan Short</td>
<td>Dr John Pos</td>
<td>David Dales</td>
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<td>(Associate Director)</td>
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<td>2</td>
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<td>LPRG submission</td>
<td>Jonathan Short</td>
<td>Dr John Pos</td>
<td>David Dales</td>
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<td></td>
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<td></td>
<td>(Assistant Engineer)</td>
<td>(Associate Director)</td>
<td>(Director – Water)</td>
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<td>3</td>
<td>23/11/12</td>
<td>Final</td>
<td>Jonathan Short</td>
<td>Dr John Pos</td>
<td>David Dales</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Assistant Engineer)</td>
<td>(Associate Director)</td>
<td>(Director – Water)</td>
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</tbody>
</table>
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1 INTRODUCTION

1.1 Purpose of this Document

This report is the Stakeholder Engagement appendix to the Southampton Coastal Flood and Erosion Risk Management Strategy; this documents how the people and organisations within The Strategy area have been involved and consulted during development of the Strategy. This report also sets out how the feedback was collated and how it has been used to inform the development of the final Strategy to ensure that it meets the primary expectations of as many stakeholders as possible.

Each stakeholder has a unique view on the use, development and protection of any coastal frontage. They can be a source of indispensable information which can be used to define issues and objectives, steer option development and achieve consensus on a preferred option.

The initial part of this report sets out the methodology of proactive consultation which was used (The Stakeholder Engagement Strategy). Having a clear methodology helped ensure that the right stakeholders were informed and consulted at the right time. Ultimately the aim of the Stakeholder Engagement Strategy was to facilitate the acceptance, by all stakeholders, of the preferred Strategy option.

This document outlines the methodology of consultation and how those groups directly and indirectly involved with the Southampton City study area were engaged. It also provides a list of primary stakeholders and summarises the feedback received to date during the development of The Strategy.

Specific objectives of the Stakeholder Engagement Strategy were:

- To identify stakeholder groups;
- To analyse the concerns of the different stakeholder groups; and
- To use a variety of engagement methods throughout the development of The Strategy so that stakeholder groups have several opportunities to help shape The Strategy and see how previous comments and concerns have been addressed.
2 CONSENTATION METHODOLOGY

2.1 The Engagement Strategy

The Stakeholder Engagement Strategy is a live document and is kept under review during the life of the project. Changes will continue to be made with agreement from the client if deemed necessary for the successful outcome of the project.

The key actions of the Stakeholder Engagement Strategy for this project are outlined in Table 2-1. The methodology identifies the following stages through which consultation has been undertaken in the development of The Strategy:

2.2 Stage 1 - Identifying Key Issues and Stakeholders

A review of previous consultation exercises and communications for the Southampton study area was undertaken in order to build up an understanding of the key issues and identify interested parties/stakeholders.

A list of principal contacts and stakeholders was developed in association with Southampton City Council in order to identify individuals and organisations with whom to conduct initial consultation.

2.3 Stage 2 – Raise Awareness and Obtain Feedback

An initial letter explaining the study and inviting contributions was prepared and circulated to principal stakeholders, to raise awareness of The Strategy and encourage stakeholders to give their views.

A questionnaire was also sent to the key stakeholders to ensure that they had an opportunity to air their views and provide crucial feedback on the local issues to be incorporated into The Strategy. In addition, key stakeholder workshops, and individual meetings with specific stakeholders were held as required to engage with all key parties in the development of The Strategy.

A website for the Southampton City Coastal Strategy was set up and regularly maintained to inform the general public and interested organisations about the purpose and outcome of the Coastal Flood and Erosion Risk Management Strategy; it has also been an additional medium for stakeholder engagement and communication and hosted links to key documents and consultation materials.

2.4 Stage 3 – Presentation of the Draft Strategy

On completion of the draft Strategy, a 3 month period of consultation was held. During this period four manned exhibitions were held at venues along The Strategy frontage to present the draft proposals to the public. The exhibitions were hosted by Southampton City Council with support from URS.

In addition an unmanned exhibition was held in the City Library for a 2 week period. This provided all stakeholders and the public with an opportunity to understand the plan and the implications of the preferred options and to ask any questions. Feedback and comments from the consultation activities were gained through the use of printed and online questionnaires.
During this period the project website and the Southampton City Council website also hosted the consultation documents and materials.

Additional engagement with key stakeholders and landowners was undertaken through e-mail shots, letters, press releases and meetings.

The exhibitions and engagement activities were pivotal in gaining support for The Strategy proposals and in building commitment towards its implementation.

Following this consultation, The Strategy was revised and finalised, to reflect and address stakeholder concerns.

2.5 Stage 4 – Dissemination of the Final Strategy

During this stage the public and stakeholders are informed of The Strategy’s completion. Details of where to view a copy of The Strategy are provided, along with information as to how the actions are being implemented.
Table 2-1: The Stakeholder Engagement Strategy

<table>
<thead>
<tr>
<th>Strategy Stages</th>
<th>Stakeholder Task</th>
<th>Stage Objective</th>
<th>Methods</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stage 1 Identify key issues and Stakeholders</td>
<td>1a. Develop stakeholder strategy</td>
<td>Clear transparent and auditable strategy for stakeholder engagement.</td>
<td>Review previous consultation and communications with interested parties so that we start with a good understanding of key issues, and identify all stakeholders.</td>
<td>January 2011</td>
</tr>
<tr>
<td></td>
<td>1b. Identify key issues and stakeholders</td>
<td>Compile list of stakeholders for consultation.</td>
<td>The stakeholder list supplied by Southampton City Council to be reviewed and extended as agreed.</td>
<td>January 2011</td>
</tr>
<tr>
<td>Stage 2 Raise awareness of the strategy and gain initial feedback</td>
<td>2a. Contact key stakeholders</td>
<td>Raise awareness and understanding of the coastal strategy with stakeholders.</td>
<td>Produce and issue 1. Circulate letter to principal stakeholders to introduce the Strategy and encourage them to express their views on the management of the frontage, to seek information on specific interests or concerns and to identify other principal stakeholders through a key stakeholder questionnaire 2. Issue SEA Scoping Report to statutory consultees 3. Strategy website and a project email address 4. Hold Steering Group meetings 5. Hold Key Stakeholder meetings and Workshops 6. Issue Interim Report to SCC and Steering Group for review and comment</td>
<td>January – July 2011</td>
</tr>
<tr>
<td>Stage 3</td>
<td>3. Present draft strategy</td>
<td>An opportunity for stakeholders to fully understand the implications of the preferred strategy and another opportunity for them to comment and provide feedback. To gain understanding and support for the proposals and to build commitment towards its implementation.</td>
<td>1. Issue leaflets and questionnaires to stakeholders 2. Hold four exhibitions at venues within the study area to present the strategy preferred options to gain feedback on the proposed preferred strategy 3. Hold Steering Group meetings 4. Hold Key Stakeholder meetings</td>
<td>October 2011 till May 2012</td>
</tr>
<tr>
<td>Stage 4</td>
<td>4. Disseminate the final strategy</td>
<td>To direct stakeholders to the completed strategy document and inform of the actions and policy being put into practice.</td>
<td>Website Press Release</td>
<td>Late 2012</td>
</tr>
</tbody>
</table>
3 STAGE 1 - IDENTIFY KEY ISSUES AND STAKEHOLDERS

Key Stakeholders are organisations and individuals directly affected by the Southampton Coastal Erosion and Flood Defence Strategy. Key Stakeholder organisations have been involved throughout The Strategy's development to help identify issues, define possible objectives and reach consensus on the preferred options of the Strategy.

Table 3-1 provides a list of stakeholders included in the Key Stakeholder Group.
### Table 3-1: Southampton Coastal Strategy – Key Stakeholder List

<table>
<thead>
<tr>
<th>Stakeholder Organisation</th>
<th>Major Interest / Issues</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associated British Ports</td>
<td>Port Operator/Owner. Major Land / Property / Asset owner along the frontage.</td>
<td>Close liaison and engagement through all stages of the Strategy development. Meet individually, steering group meetings, key stakeholder workshops and letters / questionnaires. Review and comment on interim report.</td>
</tr>
<tr>
<td>Channel Coastal Observatory</td>
<td>Coastal Monitoring Programme – providers of information.</td>
<td>Download relevant available data. Send letter / questionnaire. Invite to Key stakeholder workshops.</td>
</tr>
<tr>
<td>Crown Estate</td>
<td>The Crown Estate owns virtually the entire seabed out to the 12 nautical mile territorial limit, including the rights to explore and utilise the natural resources of the UK continental shelf (excluding oil, gas and coal). Enhance value/bring in revenue.</td>
<td>Send letter / questionnaire. Invite to Key stakeholder workshops.</td>
</tr>
<tr>
<td>Defra</td>
<td>Defra is a Government Department in the UK. It aims to protect the environment and biodiversity for future generations and improve quality of life and encourage sustainability. In particular Defra prepares for and manages environmental risk from flood emergencies.</td>
<td>Review and approve final Strategy and business case. Follow FCERM-AG guidance</td>
</tr>
<tr>
<td>Eastleigh Borough Council</td>
<td>Borough Council responsible for the Itchen valley area.</td>
<td>Send letters / questionnaire. Invite to Key stakeholder workshops.</td>
</tr>
<tr>
<td>English Heritage</td>
<td>Consideration and protection of historical assets including Archaeological remains (on land and the seabed) around Southampton City; Historic buildings, parks and gardens; and Historic landscapes. Coastal management techniques, and particularly coastal defences, may affect these assets in a number of ways, either directly, i.e. changing the risk to them from the action of the sea, or indirectly by affecting their visual aspects or setting.</td>
<td>Invite to steering group meetings, key stakeholder workshops and send letters / questionnaires. Issue interim report for review and comment.</td>
</tr>
<tr>
<td>Environment Agency</td>
<td>The Environment Agency (EA) is responsible for Central</td>
<td>Close liaison and engagement through all stages of the Strategy development. Meet individually, steering group meetings, key stakeholder workshops and letters / questionnaires. Review and comment on interim report.</td>
</tr>
<tr>
<td>Stakeholder Organisation</td>
<td>Major Interest / Issues</td>
<td>Action</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Government</td>
<td>Government for the strategic overview of all flood and coastal erosion risk management issues. This is to ensure that a holistic approach to risk management is taken and provide a focal point. In this role, the EA approves all local authority strategies and allocates funds for subsequent implementation, if any.</td>
<td>Strategy development. Meet individually, steering group meetings, key stakeholder workshops and letters / questionnaires. Review and comment on interim report.</td>
</tr>
<tr>
<td>Hampshire County Council</td>
<td>Hampshire County Council is the responsible authority for county which the Strategy falls into.</td>
<td>Send letters / questionnaire. Invite to Key stakeholder workshops.</td>
</tr>
<tr>
<td>Hampshire and Isle of Wight Wildlife Trust</td>
<td>Hampshire and Isle of Wight Wildlife Trust is the leading local wildlife conservation champion for The Strategy Area. They also manage the Nature Reserve in the Lower Test Valley.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires. Meet individually.</td>
</tr>
<tr>
<td>National Federation of Sea Anglers</td>
<td>Represents sea anglers and works in areas including pollution, dumping of industrial waste, dredging, environmental protection and sustainability.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Morgan Sindall / Urban Initiatives.</td>
<td>Developers / Masterplanners for the Royal Pier Site.</td>
<td>Invite to key stakeholder workshops and meet individually.</td>
</tr>
<tr>
<td>National Oceanography Centre Southampton (NOCS)</td>
<td>National Environment Research Council (NERC) and the University of Southampton jointly own and share facilities on Empress Docks. NOCS is one of the world's top five oceanographic research institutes.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Natural England</td>
<td>Natural England is the government advisor on the natural environment. Natural England sets out to protect and improve England's natural environment and ensure that the environment can survive for future generations.</td>
<td>Invite to steering group meetings, key stakeholder workshops and send letters / questionnaires. Issue interim report for review and comment.</td>
</tr>
<tr>
<td>Network Rail</td>
<td>Owns, runs, maintains and develops Britain’s rail infrastructure.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires. Meet individually.</td>
</tr>
</tbody>
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### APPENDIX 1J – STAKEHOLDER ENGAGEMENT
November 2012

<table>
<thead>
<tr>
<th>Stakeholder Organisation</th>
<th>Major Interest / Issues</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Forest District Council</td>
<td>District Council responsible for the adjacent areas to the west of The Strategy frontage.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Royal Society for the Protection of Birds</td>
<td>RSPB sets out to protect and conserve birds, their habitats and the environment. Proposals which might impact on adjacent beaches and cliffs, forming habitats, could pose a threat to birds.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Royal Yachting Association (RYA)</td>
<td>The Royal Yachting Association is the national body for all forms of boating and aims to promote enjoyable, safe and successful sailing and motor boating in the UK.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Scotia Gas Networks</td>
<td>Scotia Gas Networks (SGN) is the UK’s second largest gas distribution company, operating two of the largest gas networks. Scotland Gas Networks covers the whole of Scotland and Southern Gas Networks covers the south and south east of England including the Southampton area.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Scottish and Southern Energy (Electricity)</td>
<td>SSE are providers of electricity in The Strategy area.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Solent Forum</td>
<td>A regional coastal group established to improve the management of the Solent and its coastline.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Solent Protection Society</td>
<td>Exists to preserve and safeguard the amenities of the Solent area for future generations by ensuring ecological and environmental well being and wise management.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Southampton City Council Highways</td>
<td>Department within the council responsible for the highways infrastructure within The Strategy area.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Southampton City Council Planning</td>
<td>Department within the council responsible for planning and regeneration within the City.</td>
<td>Close liaison and engagement through all stages of the Strategy development. Meet individually, key stakeholder workshops and letters / questionnaires. Issue interim report for review and comment.</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Stakeholder Organisation</th>
<th>Major Interest / Issues</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southampton Flood Risk Board</td>
<td>Ensures that Southampton is tackling the full range of recommendations in the Pitt report.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Southern Sea Fisheries Committee</td>
<td>Manage inshore fisheries and have a regard for the conservation of the marine environment, and now work towards creating a cleaner marine environment the benefits coastal users and the fishing industry.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Southern Water</td>
<td>Responsible for wastewater collection and treatment and water supply and distribution. Owns infrastructure within the project area.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Test Valley Borough Council</td>
<td>Council responsible for the Test Valley area.</td>
<td>Invite to key stakeholder workshops and send letters / questionnaires.</td>
</tr>
<tr>
<td>Other key private operators and landowners.</td>
<td>Wharf / marina owners / operators on the Itchen.</td>
<td>Sent specific letter inviting organisations to discuss initial Strategy options. Meetings as required to discuss proposals.</td>
</tr>
</tbody>
</table>
4 STAGE 2 - RAISE AWARENESS OF THE STRATEGY AND OBTAIN INITIAL FEEDBACK

4.1 Steering Group

A Steering Group for the project was established to oversee progress and direction of the project. The Steering Group includes Southampton City Council, Environment Agency, Natural England, English Heritage and ABP Ports.

Three Steering Group meetings were held during this phase and the Steering group was issued with an Interim Report in June 2011 outlining the preliminary Strategy options and proposals and feedback received was analysed and incorporated in the development of the draft Strategy report.

4.2 SEA Scoping Report Consultation

Statutory consultees for the Strategic Environment Assessment (SEA) were sent a copy of the SEA Scoping report, with a request for comments by 23rd February 2011. Feedback was received from Southampton City Council, Natural England and the Environment Agency and was analysed and incorporated into the Environmental Report.

4.3 Consultation Letter to Key Stakeholders

A letter was sent to Key Stakeholders (4th March 2011) introducing The Southampton Coastal Flood and Erosion Risk Management Strategy and raising awareness of the study. A copy of this initial letter sent to key stakeholders (as listed in Table 3-1) is provided in Appendix A.

4.4 Consultation Questionnaires

A questionnaire accompanied the letter sent to Key Stakeholders. This was designed to capture all relevant issues and/or information and concerns of those organisations most involved with, or affected by, the management of this section of the coast.

Six key stakeholders completed the questionnaires and the feedback received was analysed and added to the stakeholder engagement database. This feedback has been summarised in Appendix B.

4.5 Key Stakeholder Workshops

Key Stakeholders were also invited to a series of Key Stakeholder Workshops held during March, April and May 2011. These were attended by several Key Stakeholder organisations and the study, approach, and initial proposals were presented and discussed and the feedback received collated, analysed and added to the stakeholder engagement database.

4.6 Individual Key Stakeholder Meetings

A number of individual meetings with key organisations were held on request to discuss The Strategy and preliminary options. Specifically, meetings were held with:

- Associated British Ports
Feedback from these meetings was noted and specific comments relating to The Strategy addressed during its development.

4.7 Letter to key landowners / wharf operators

Following the development of preliminary Strategy options for the frontage, a number of key landowners and wharf operators were identified. A letter was sent to these organisations inviting them to meet with the Council and Strategy team to discuss the preliminary proposals to gain their feedback and comments before drafting The Strategy. A copy of the letter is included in Appendix C.

4.8 Feedback on Interim Strategy Report

On the identification of preliminary preferred options, an Interim Strategy Report was delivered to Southampton City Council and the Client Steering Group for review and comment in June 2011. The key messages at the stage were also presented to Key stakeholders for initial feedback.

The feedback received from the Environment Agency and key stakeholders was collated and has been addressed in the development of the draft Strategy report for consultation.

4.9 Summary of meetings

The following project meetings were held during phases 1 and 2 of the project:

- Inception meeting - 6th July 2010 (Kick off meeting)
- Development Strategy and Delivery Group meeting - 6th September 2010 (Scoping)
- Masterplanners meeting - 31st January 2011 (Discuss City Planners preliminary proposals)
- Client progress meeting - 31st January 2011
- Client Steering Group meeting - 22nd February 2011 (Baseline studies and scoping)
- ABP meeting - 3rd March 2011 (Baseline flood modelling and Strategy objectives)
- Key Stakeholder Group - 24th March 2011 (Awareness raising)
- ABP meeting - 14th April 2011 (Option development)
- Client meeting - 14th April 2011 (Progress / optioneering)
- Key Stakeholder Group - 18th April 2011 (Initial ideas / aspirations)
- Network Rail - 23rd May 2011 (Awareness raising, initial ideas / aspirations)
- Client progress - 14th June 2011
- City Planners - 14th June 2011 (Update and linkages with initial Strategy findings)
- Client Steering Group - 14th June 2011 (Progress and milestones)
- Hampshire Wildlife Trust - 24th June 2011 (Awareness raising, initial ideas / aspirations)
- Key Stakeholder Group - 5th July 2011 (Draft aspirational options)
- Key Stakeholder Group - 13th July 2011 (Feedback on aspirational options)
- Client Steering Group - 13th July 2011 (Consensus building and agreeing options)
- Scottish Southern Energy - 20th August 2011 (Awareness raising, aspirational options)
5 STAGE 2 – KEY STAKEHOLDER CONSULTATION ANALYSIS

Following the engagement activities and feedback channels of Stage 2 of the consultation process (raising awareness and obtaining initial feedback), a range of data and feedback information was received from Key Stakeholders.

The feedback and comments received were added to the stakeholder engagement database for the project. The database provides a structured and formal facility to store, collate and analyse data.

Details of the comments provided by Key Stakeholders are included in Appendix B. Key issues raised within stakeholder questionnaires and through stakeholder workshops and meetings are summarised below:

- The need for a city-wide strategic approach to the management of flood risk to people and properties. Areas along the frontage of multi-ownership of defences will need to be considered carefully within The Strategy.
- Port development in Southampton Water and particularly future uncertainty in port development due to change being driven by market demands.
- The need for realistic funding sources for defences to be taken into consideration during development of The Strategy.
- The need for good stakeholder engagement and effective communication with the community, particularly about risks and funding options.
- Environmental issues, including environmentally designated sites, biodiversity, coastal squeeze, habitat loss and opportunities for habitat creation.
- Implications of climate change and sea level rise.
- The need for linkages between the Coastal Flood and Erosion Risk Management Strategy and connected projects such as Southampton’s Masterplan, Southampton City Council’s Surface Water Management Plan and Hampshire County Council’s Coastal Communities Adapting to Change project.
- The need for continued protection of strategic assets and infrastructure within the study area.
- The need for waterfront access to be retained or improved.
6.1 Consultation Exhibitions

Four manned exhibitions were held in November and December 2011 at different venues within the study area to present the draft preferred Strategy options and provide the public with an opportunity to ask any questions, discuss aspects with the Strategy team, and provide feedback on the proposals.

The following exhibitions were held:

- **St Deny’s Church, Dundee Road, Southampton, SO17 2ND**
  12pm – 7pm Wednesday 16th November 2011

- **Mansel Park Primary School, Culver Close, Southampton, SO16 9HZ**
  4pm – 8pm Tuesday 29th November 2011

- **Northam Community Centre, Kent Street, Southampton, SO14 5SP**
  1pm – 7pm Thursday 1st December 2011

- **Civic Centre, Civic Centre Road, Southampton, SO14 7LT**
  12pm – 7pm Wednesday 7th December 2011

In addition to the manned exhibitions, an unmanned exhibition was held in the Main City Library for a two week period between 13th January and 22nd January 2012 and was close to an area of high footfall.

6.1.1 Advertising

The exhibitions were advertised through a variety of media including through the Council and project websites, banners, posters, radio coverage, The Echo, City View Magazine, Twitter and direct mails shots and emails.

6.1.2 Exhibition materials

Specific consultation media were developed by Southampton City Council based on materials provided by URS, including:

- Brochure
- Non-Technical Summary Document
- 2x large printed display boards
- Flood modelling animation showing Strategy benefits against doing nothing
- Feedback sheets
• UK Flood Barriers demo products and information packs for property level flood resistance (St Deny's only).

A copy of the brochure and the feedback sheets are provided in Appendix D.

Figure 6.1. Public exhibition display boards.

Figure 6.2. Snap shot of tidal flood modelling animation used at the public exhibitions

6.1.3 Summary of exhibition feedback

The exhibitions provided an opportunity for the public to fully understand the implications of the preferred options and provide another opportunity for stakeholders to comment and provide feedback. A summary of the exhibition attendance is provided in Table 6-1. The St Denys exhibition was the best attended with a strong turn out from the local area. The Civic Centre exhibition in the main library was also well attended with a good spatial coverage of attendees.
from across the city. The geographic locations of attendees for each exhibition are shown in Figure 6.6.

**Table 6-1. Summary of public exhibition attendance**

<table>
<thead>
<tr>
<th>Venue</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>St Denys</td>
<td>44</td>
</tr>
<tr>
<td>Mansell Park</td>
<td>8</td>
</tr>
<tr>
<td>Northam</td>
<td>7</td>
</tr>
<tr>
<td>Civic Centre</td>
<td>26</td>
</tr>
<tr>
<td>Library</td>
<td>180*</td>
</tr>
</tbody>
</table>

*estimate based on brochures and feedback sheets taken over the two week period.

**Figure 6.3. Photos of the public exhibitions.**

Feedback sheets provided at the exhibitions enabling stakeholders to give their views on The Strategy and also to build support and commitment towards its implementation.

Approximately 170 Strategy brochures were taken away by attendees at the manned exhibitions. In addition a further 180 brochures and feedback sheets were taken away from the unmanned library exhibitions. A total of 18 feedback questionnaires were returned.

All feedback received was collated and analysed in the stakeholder engagement database. A summary of the feedback received is provided in Appendix E. The review of feedback was considered in the finalisation of The Strategy.

As described in Section 6.1.1, the exhibitions were advertised in a variety of ways. From the feedback sheets received, the ‘City View’ magazine distributed to homes across the city was the most effective advertising medium (Figure 6.4).

The breakdown of residents and business owners who completed feedback sheets is shown in Figure 6.5, with most attendees’ residents along the frontage.

An analysis of the feedback received showed that 80% of the respondents have an awareness of coastal flood risk in the city (Figure 6.7). The feedback showed 99% agreement of The Strategy options for each Unit, however one respondent wanted option implementation brought forward at Redbridge to 2015.
Figure 6.4. Breakdown of how attendees became aware of The Strategy exhibitions.

Figure 6.5. Respondent breakdown of residents and business owners.
Figure 6.6. Geographic locations of exhibition attendees (colour coded). St Denys attendees – (approximate) - blue, Northam attendees - green, Civic Centre attendees – Red, and Mansell Park attendees - magenta.
Figure 6.7. Respondent awareness of coastal flood risk.

Figure 6.8. Respondent agreement of preferred Strategy options.
6.2 Website

The Project website (Figure 6.9) hosted the consultation draft documents for download, along with other information on The Strategy. In addition the Council hosted a special webpage with the consultation documents.

Both websites received much interest with over 2150 visits and 1,714 Strategy brochure downloads from the project website and over 270 unique hits on the Council’s webpage during the consultation period.

Queries sent to the website were addressed on receipt by Southampton City Council and feedback sheets received during public consultation were collated and added to the stakeholder engagement database (Appendix E – Public Consultation). This feedback was then considered during the finalisation of The Strategy.

![Southampton Coastal Flood & Erosion Risk Management Strategy](image)

Figure 6.9. Snapshot of the project website homepage following consultation.
6.3 Consultation and consensus building meetings

A number of key stakeholder meetings, an Elected Member briefing, and an Officer briefing were held to present and discuss the preferred options and their consequences. Outcomes of key meetings were noted and addressed. All feedback received from these events, and the verbal dialogue, letters and emails received were considered in the preparation and revision of the final Strategy. Copies of the letters received from key stakeholders and key emails from statutory consultees are attached in Appendix F.

A specific meeting with Hanson, Cemex and Tarmac was also held to discuss the impacts of the preferred options in these areas and the feedback received was accounted for in the final revision of The Strategy. A summary of the issues raised and how these were addressed is included in Appendix G.

6.4 Statutory Consultee Feedback

Feedback from the Environment Agency and Natural England was received and addressed throughout The Strategy’s development. The draft Strategy was reviewed internally by the Environment Agency and the email feedback received incorporated.

A specific meeting with Natural England was held to discuss the preferred option and the Habitats Regulations Assessment outcome at Redbridge, where the preferred option recommends a change of policy locally from the SMP. The agreed outcomes of this meeting were incorporated and accounted for during the finalisation of The Strategy and the Habitats Regulations Assessment.

Following the revision of The Strategy, email acceptance of The Strategy proposals was received in an email from NEAS and a letter of comfort was also received from Natural England stating their formal acceptance of The Strategy and the Habitats Regulations Assessment undertaken (Appendix F).

6.5 Summary of meetings

The following project meetings were held during phases 3 and 4 of the project:

- Southampton City Council Comms Team - 12th October 2011 (Planning public consultation)
- Officer Strategy briefing - 19th October 2011 (Present draft preferred options)
- Members briefing - 31st October 2011 (Present draft preferred options)
- Public exhibition - St Denys - 16th November 2011
- Public exhibition – Mansel Park 29th November 2011
- Public exhibition – Northam Community Centre 1st December 2011
- Public exhibition – Civic Centre - 7th December 2011
- Natural England - 5th December 2011 (Discuss HRA and Redbridge preferred option)
- Environment Agency – 7th December 2011 (Addressing new sea level rise guidance)
- Client meeting – 7th May 2012 (Progress and approvals milestones)
• Wharf operators - 7\textsuperscript{th} May 2012 (Discuss preferred options and issues raised)
STAGE 4 – DISSEMINATION OF THE STRATEGY

Following public consultation The Strategy was finalised. Once the Strategy has been approved by the Environment Agency the general public and all stakeholders will be informed of the Strategy’s completion.

Details of where to view a copy of The Strategy will be provided, along with information as to how the actions are being implemented.
APPENDIX A – KEY STAKEHOLDER LETTER

Dear Consultee

Southampton Coastal Flood and Erosion Risk Management Strategy
Wanted – your views on the future of Southampton’s coastal defence

I am writing on behalf of Southampton City Council to inform you that URS/Scott Wilson has been appointed to undertake a review of the Coastal Strategy for Southampton. The strategy will identify, develop and assess options for the management of the Southampton’s coastal defences over the next 100 years.

Southampton has significant residential and commercial property, including a nationally significant port, marinas, boat yards and wharfs, associated industrial and port development, and infrastructure including sewage works. The tidal floodplain (defined by the Environment Agency Flood Zones) is relatively extensive due to the topography, and port assets, waterside development, transport network, sewage works, and other associated infrastructure as well as residential property are within the area that might be affected. There are also numerous listed and historic buildings and monuments, registered parks (English Heritage) and gardens, and conservation areas within the floodplain. The combination of access requirements from both land and sea along with different landownership will mean that innovative and/or inland flood defence options maybe required.

As part of the study we are required to account for the amenity and economic value of the coastline and the City for commerce, recreation, tourism and fisheries, and to consider all users of the Southampton shoreline and City. We are building on work previously carried out by Southampton City Council by drawing together the issues and concerns expressed by people during the development of the previous strategies, studies and on-going involvement with those managing this section of the coast. For your information a list of stakeholders being contacted at this stage is attached.

In order to be confident that the views from the primary stakeholders are still relevant and that we capture all relevant issues and/or information we would request that you complete the attached questionnaire.

We have set a date of the 25th March 2011 for the end of this initial consultation period after which we will review the issues identified so that we can set the overall objectives for the review. We would appreciate if you could complete your details and return the questionnaire even if you do not wish to specifically comment on the Southampton Coastal Flood and Erosion Risk Management Strategy.

Please direct all responses to jonathan.short@scottwilson.com or post responses to:

Jonathan Short
Scott Wilson
Scott House
Alencon Link
Basingstoke
RG21 7PP

I trust the information provided will assist you to become involved with the review of the coastal strategy. If you have any questions or if there are any matters you would like to discuss before completing the questionnaire, please feel free to contact Jonathan Short on 01256 310270 or via email at the above address.
APPENDIX B – KEY STAKEHOLDER QUESTIONNAIRE
Key Stakeholder Questionnaire

Please answer the following questions and return by 28th March 2011 to the Southampton Coastal Strategy team. We would appreciate your return of the 'Contact Details' section even if you do not wish to comment on the Southampton Coastal Strategy.

A. CONTACT DETAILS

1. Name of organisation or individual

2. Address

3. Name of contact

4. Position in organisation

5. Address if different from that supplied in Section 2.

6. Telephone number

7. Fax number

8. Email address

9. Please tick this box if you are happy for us to contact you using the details you have provided 

☐
10. Are you or your organisation or business affected by the risk of coastal flooding or erosion? If yes, please give brief details including any significant historical events.

Yes [ ]

No [ ]

Don’t know [ ]

11. What are the important features and issues relating to the coast for your organisation?

12. Please state what you think should be the priority issues for this Coastal Strategy for Southampton City to consider and if possible state why these issues are important to you?
13. How would like to be kept informed of the Strategy's development in the future?

Website  [ ]
Leaflet  [ ]
Email  [ ]
Local press articles  [ ]
Key Stakeholder Meeting  [ ]

14. If you have any other comments or useful information for us please use this space:

Thank you for your time in completing this questionnaire.

Please complete and email this questionnaire to:
info@southamptoncoastalestrategy.co.uk

Or...

Use the form returns box provided at the key stakeholder workshop on 24th March 2011.
APPENDIX C - KEY STAKEHOLDER FEEDBACK ON PRELIMINARY OPTIONS
### Key Stakeholder Questionnaires – initial feedback received. Questions 1-9 were contact details and are not included in this table.

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Question 10 – Organisation historically affected by coastal flooding / erosion?</th>
<th>Question 11 - Important coastal features and issues for organisation?</th>
<th>Question 12 - Priority issues for Strategy to consider?</th>
<th>14 - Other comments</th>
</tr>
</thead>
</table>
| New Forest District Council                   | Yes - NFDC are the Coast Protection Authority for NFDC area and were the lead authority for the North Solent SMP. The Channel Coastal Observatory office is based in the National Oceanography Centre, Southampton. For details of flood events in Hythe and other locations along the western shore of Southampton Water please contact the NFDC Land Drainage Team, the Environment Agency or Hampshire County Council. | With regard to management of flood and coastal erosion risk, the low lying areas along the western shore of Southampton Water, many of which are landward of privately owned/maintained flood defences, are at risk from tidal flooding; key transport and communication links and infrastructure between NFDC, Test Valley Borough and Southampton City, also potentially at risk from tidal flooding. Minimal shoreline erosion within Southampton Water. Erosion of saltmarsh and inter-tidal habitats in Southampton Water and Western Solent. Opportunities for inter-tidal and freshwater habitat creation within Lower Test Valley. Other considerations include land drainage, planning and development, transport, commerce and industry, heritage, environmental protection, leisure and tourism, fisheries, dredging etc. The risk of flooding (tidal, fluvial groundwater, surface run off etc.) and erosion likely to increase due to sea level rise and changes in climate. | • Management of flood risk to people and properties.  
• Port Development in Southampton Water.  
• Economic and sustainable assessments need to take account of realistic funding sources.  
• Good stakeholder engagement with community, defence owners, marine users and Elected Members.  
• Habitat loss and opportunities for habitat mitigation measures or compensation sites.  
• Effective communication with community to raise awareness of the risks and funding options and implications if works are undertaken or not. | Through the North Solent SMP process SCC were key partners and involved in tackling the complex policy and environmental legislative issues relating to certain permissive development rights of defence and land owners and the perception and legal implications regarding the Defra SMP policies. Significant amount of effort from the SMP team was centred on the Appropriate Assessment and quantification of habitat losses and gains, and through direct involvement with the Habitat Creation Programme for the Southern EA region, identifying potential opportunities and sites for inter-tidal and freshwater habitat creation e.g. in the Lower Test Valley. |
<table>
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<tr>
<th>Organisation</th>
<th>Question 10 – Organisation historically affected by coastal flooding / erosion?</th>
<th>Question 11 - Important coastal features and issues for organisation?</th>
<th>Question 12 - Priority issues for Strategy to consider?</th>
<th>14 - Other comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Valley Borough Council</td>
<td>No - Not directly affected, coastal flooding has the potential to impact on residents and businesses within the Borough, also there may be indirect effects on the Council.</td>
<td>The area in closest proximity to the coast for the Borough is the Lower Test area, which is designated to be of international nature conservation importance. There are also a number of businesses and residential properties within the Borough that include land (and possibly buildings) within areas of tidal flood risk.</td>
<td>No specific comments at this stage</td>
<td>Blank</td>
</tr>
<tr>
<td>Hampshire County Council</td>
<td>Yes - Hampshire County Council has no sites that it owns and or manages within the Southampton Coastal Strategy area. However, elsewhere on the Hampshire coast the County Council has experienced flooding and erosion at some of its coastal sites e.g. Lepe Country Park (in the New Forest National Park).</td>
<td>The County Council is an adjoining local authority. The authority owns and/or manages some 30 coastal sites, totalling more than 1,800ha. The total length of coastline owned/leased to the authority is about 28kms. It is both a Highway Authority and Minerals and Waste Planning Authority. It is also a Lead Local Flood Authority (LLFA). The implications of climate change (sea level rise and increased storminess) will have implications for its land interests, services and statutory responsibilities.</td>
<td>Blank</td>
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HCC are leading a project CCATCH (Coastal Communities Adapting to Change) - the Solent, of which Southampton City Council is a partner. The project is looking at helping coastal communities adapt to coastal change. The project overview group are currently identifying key at risk areas to include in the project, and it may be that areas within the Southampton FCERMS may be included. Therefore it
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<th>Organisation</th>
<th>Question 10 – Organisation historically affected by coastal flooding / erosion?</th>
<th>Question 11 - Important coastal features and issues for organisation?</th>
<th>Question 12 - Priority issues for Strategy to consider?</th>
<th>14 - Other comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hampshire and Isle of Wight Wildlife Trust.</td>
<td>Yes - The Trust manages the Lower Test Marshes SSSI, Ramsar, SPA, SAC. This includes land within the City Council boundary. The Lower Test Marshes are highly dynamic being inundated by medium to high tides. The habitats and geomorphology are responding to relative sea level rise. The most significant historical events are probably the loss of the intertidal and shallow waters of the coast between the Test and the Itchen.</td>
<td>The nature conservation interests in general, including but not exclusively the designated sites and associated qualifying features.</td>
<td>To make the best and most efficient Blank use of coastal sites within the City. To ensure coastal sites are reserved for purposes that require a coastal location. To enhance the biodiversity of the coast in the city. For the City Council to take a strategic view of ‘their’ coastline in the context of NFDC, the National Park, EBC and other neighbours.</td>
<td></td>
</tr>
<tr>
<td>Southern Water</td>
<td>Yes - Southern Water has a number of strategic assets within your study area, notably Millbrook Wastewater Treatment Works and Portswood Wastewater Treatment Works. Additionally it is important to remember that Southern Water’s other infrastructure, sewers, sewage pumping stations and outfalls together with clean water distribution mains also needs to be protected from the risks of flooding and erosion. In the short to medium term (50 - year horizon) – Southern Water do not believe that it would be sensible for any change in policy that allowed failure of the defences which protect our assets.</td>
<td>In the short to medium term (50 - year horizon) – Southern Water do not believe that it would be sensible for any change in policy that allowed failure of the defences which protect our assets.</td>
<td>Southern Water’s customers will expect the Coastal Strategy to ensure that our important infrastructure is protected from the risk of flooding and erosion. In the short to medium term (50 - year horizon) – Southern Water do not believe it would be sensible for any change in policy that allowed failure of the defences which protect our assets.</td>
<td>Any Southern Water intervention or upgrading of our assets necessary as a result of changes to the management of the coastline would be subject to funding agreement with the Water Industry financial regulator, Ofwat. As such Ofwat / Defra may wish to audit any Coastal Defence Strategy, especially the assessment of risks and cost benefits of the particular options.</td>
</tr>
<tr>
<td>Organisation</td>
<td>Question 10 – Organisation historically affected by coastal flooding / erosion?</td>
<td>Question 11 - Important coastal features and issues for organisation?</td>
<td>Question 12 - Priority issues for Strategy to consider?</td>
<td>14 - Other comments</td>
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<td>----------------</td>
<td>---------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------</td>
<td>------------------------------------------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Natural England</td>
<td>No</td>
<td>Blank</td>
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</tbody>
</table>

flooding and erosion. Our customers will expect you to ensure that this important infrastructure is protected from the risk of flooding and erosion.
Planning and Sustainability
Southampton City Council
Ground Floor, Civic Centre,
Southampton, SO14 7LT.

Direct dial: 023 8083 2403
Email: bernadine.maguire@southampton.gov.uk
Fax: 023 8083 3405
Please ask for: Bernadine Maguire

4th July 2011

Dear Sir/Madam,

Re: Southampton (Redbridge to Woodmill Lane) Coastal Flood and Erosion Risk Management Strategy

I am writing to inform you that Southampton City Council is currently developing a Coastal Flood and Erosion Risk Management Strategy for Southampton (Redbridge to Woodmill Lane). ‘The Strategy’ (see enclosed project location map) will identify, develop and assess options to manage Southampton’s coastal defences over the next 100 years. URS/Scott Wilson is undertaking the strategy on behalf of Southampton City Council.

Much of Southampton’s coastal frontage is relatively low-lying and the current tidal flood risk and extent of the tidal floodplain is due to increase significantly over the coming century due to climate change and sea level rise. As part of the strategy it is important to account for the amenity and economic value of the coastline and the City for commerce, recreation, tourism and fisheries, and to consider all users of the Southampton shoreline and City.

The Strategy is currently being developed and the initial draft options have been identified. We are keen to get involvement from all interested parties, particularly those who are located directly along the frontage. Specifically, your feedback on the draft options being proposed will be appreciated as we want to establish robust flood and erosion risk management solutions that will also accommodate your operational requirements.

To help inform your understanding of the project, its aims, the problem we are addressing, and to present and discuss the initial draft options we would like to have an opportunity to meet directly with you at your earliest convenience. This would give you the opportunity to ask any questions about The Strategy, provide feedback, and also to raise any issues or opportunities relating to the project. Gaining your input and support at this stage of The Strategy’s development will help ensure potential opportunities are incorporated and issues are addressed.

I have only been able to retrieve your postal contact details so unfortunately I am unable to contact you directly. If you are able to accommodate a meeting with the project team I would greatly appreciate if you could contact me on the details above so we can arrange a suitable date and time that is convenient for you.

Yours faithfully,

Bernadine Maguire
Flood Risk Management Officer

If you would like this letter sent to you in another format or language, please contact the number at the top of this letter.
Sample pages from the consultation Strategy brochure.
Public Consultation Online Feedback Form

Q1. What is the main reason for your interest in the Southampton Coastal Flood and Erosion Risk Management Strategy? Please provide your postcode:

- [ ] Resident within the Strategy area – postcode
- [ ] Business owner within the Strategy area – postcode
- [ ] Represent groups or organisations that are involved (please specify and provide postcode)
- [ ] Other (please specify)

Q2. Did you realise that some areas of the city are potentially at risk of coastal flooding?

- [ ] Yes
- [ ] No

If yes, have you ever experienced any flooding from the sea in the past? (Please give details of events)

<table>
<thead>
<tr>
<th>Unit</th>
<th>Area</th>
<th>Yes</th>
<th>No</th>
<th>No Opinion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Upper Itchen / St Denys</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>Bereke Valley</td>
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<tr>
<td>3</td>
<td>Former Meridian Studios</td>
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<td>4</td>
<td>Notherm</td>
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<tr>
<td>5</td>
<td>St Mary’s Wharf</td>
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<tr>
<td>6</td>
<td>Crosshouse / Town Depot</td>
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<td>7</td>
<td>Ocean Village</td>
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<tr>
<td>8</td>
<td>Eastern Docks / Dock Gate 4</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>9</td>
<td>Mayflower Park / Major Development Quarter</td>
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<tr>
<td>10</td>
<td>Western Docks</td>
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<td>11</td>
<td>Poole</td>
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</table>
Southampton Coastal Flood and
Erosion Risk Management Strategy

If not, please explain why below with reference to specific areas if possible:

Q4. Is there anything else that you feel we should have considered when
developing the options for your area?

Q5. Please can you identify any information presented in the draft Strategy
that you feel requires further clarification or is unclear?

Q6. If you would like to be informed of future developments relating to the
Strategy, please add your contact details below.

Name / Organisation: .................................................................
Email: ..............................................................................
Postal address: .................................................................
Postcode: ................................

Please complete and return by post to:
Coastal Strategy Team, URS Scott Wilson, Scott House, Almonden Link,
Basingstoke, RG21 7PP
Or you can email your answers to: info@southamptoncoastalstrategy.co.uk

Thank you for your time to complete this feedback form.
All comments we receive will be reviewed and taken into consideration during the next stage of
the Strategy development.
Public Consultation Feedback Form

Q1. What is the main reason for your interest in the Southampton Coastal Flood and Erosion Risk Management Strategy? Please provide your postcode.

- [ ] Resident  [ ] Business owner  [ ] Other (please specify) ...........................................................
  Postcode ................................

Q2. How did you hear about this exhibition today?

- [ ] Council website  [ ] Banner / poster  [ ] Strategy website  [ ] City view article
- [ ] Other (please specify) .................................................................

Q3. Did you realise that some areas of the city are potentially at risk of coastal flooding?

- [ ] Yes  [ ] No

If yes, have you ever experienced any flooding from the sea in the past? (Please give details of events) ........................................................................................................................................
  ........................................................................................................................................
  ........................................................................................................................................

Q4. Do you agree with the proposed options to reduce coastal flood risk presented on the display boards? (Please answer Yes, No, No Opinion)

<table>
<thead>
<tr>
<th>Unit</th>
<th>Area</th>
<th>Yes</th>
<th>No</th>
<th>No Opinion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Upper Itchen / St Denys</td>
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<td>2</td>
<td>Devise Valley</td>
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<td>3</td>
<td>Former Merchants Docks</td>
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<td>4</td>
<td>Northam</td>
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<td>5</td>
<td>St Mary’s Wharf</td>
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<td>6</td>
<td>Crossness / Town Dock</td>
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<td>7</td>
<td>Ocean Village</td>
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<td>Mayflower Park / Major Development Quays</td>
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<td>10</td>
<td>Western Docks</td>
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<tr>
<td>11</td>
<td>Redbridge</td>
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If not, please explain why below with reference to specific areas if possible:

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APPENDIX 1J – STAKEHOLDER ENGAGEMENT
November 2012
### Q5. Is there anything else that you feel we should have considered when developing the options for your area?


### Q6. Please can you identify any information presented in the draft Strategy that you feel requires further clarification or is unclear?


### Q7. Have you found the exhibition useful today? If not how could it have been improved?


### Q8. If you would like to be informed of future developments relating to the Strategy, please add your contact details below.

Name/Organisation: ..........................................................  
Email: ..........................................................  
Postal address: ..........................................................  
Postcode: ..........................................................

Please complete this form and hand it in at the exhibition today

Or

If you prefer you can return by post to:  
Coastal Strategy Team, URS, Scott House, Aleyton Link, Basingstoke, RG21 7PP

Or you can email your answers to: info@southamptoncoastalstrategy.co.uk

Thank you for visiting the exhibition today and taking the time to complete this feedback form. All comments we receive will be reviewed and taken into consideration during the next stage of the Strategy development process.
<table>
<thead>
<tr>
<th>ID</th>
<th>Postcode</th>
<th>What is the main reason for your interest in the Southampton Coastal Flood and Erosion Risk Management Strategy?</th>
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<tbody>
<tr>
<td>1</td>
<td>Resident</td>
<td>SO16 9JP Website Yes</td>
<td>Test Lane flooded - due to high spring tide and a blocked drain, I had to move my car off the road to higher ground. Since drain has been unblocked the issue appears to be resolved.</td>
<td>Y Y Y Y Y Y Y Y Y Y</td>
<td>Erosion of the river bank around Pettinger Gardens</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>Resident</td>
<td>SO17 2WL City View Article Yes</td>
<td>No</td>
<td>Y Y Y Y Y Y Y Y Y Y</td>
<td></td>
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<td>3</td>
<td>Resident</td>
<td>Other Yes</td>
<td></td>
<td></td>
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<td>4</td>
<td>Resident</td>
<td>SO19 9DJ City View Article Yes</td>
<td></td>
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<tr>
<td>5</td>
<td>Resident</td>
<td>SO17 2LR</td>
<td>Other</td>
<td>Yes</td>
<td>No</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>6</td>
<td>Resident</td>
<td>SO17 2WR</td>
<td>City View Article</td>
<td>Yes</td>
<td>No - Even with high tidal surge in 2008 this did not affect Janaway Gardens and I have lived here since 1978.</td>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>

APPENDIX 1J – STAKEHOLDER ENGAGEMENT
November 2012

46
### APPENDIX 1J – STAKEHOLDER ENGAGEMENT

November 2012

<table>
<thead>
<tr>
<th>ID</th>
<th>Postcode</th>
<th>Address</th>
<th>Main Reason for Interest</th>
<th>Realise Potential Flooding</th>
<th>Experience Flooding</th>
<th>Agree with Proposed Options</th>
<th>If No Explain Why</th>
<th>Further Issues Considered</th>
<th>Exhibition Improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>SO17 2LR</td>
<td>City View Article</td>
<td>Yes</td>
<td>Y - - - - - - Y - -</td>
<td>No - A number of option are covered</td>
<td>No - It is very well explained</td>
<td>Yes, very useful thank you</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Resident</td>
<td>City View Article</td>
<td>No</td>
<td>Y</td>
<td>Local flood warning system, volunteer regularly with overnight capability</td>
<td>Pictures of St Denys flooding, sea water coming up through the roads drainage system etc. at <a href="http://www.divdev.fsnf.net.co.uk/graff.htm">www.divdev.fsnf.net.co.uk/graff.htm</a></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>9</td>
<td>SO14 5QE</td>
<td>Echo</td>
<td>No</td>
<td>Y Y Y Y Y Y Y Y Y</td>
<td>Leaflets through people’s doors for those in flood risk areas</td>
<td>Why only one side of the Itchen? Seems strange?</td>
<td>Yes</td>
<td></td>
<td></td>
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<tr>
<td>10</td>
<td>Other</td>
<td>Other</td>
<td>Yes</td>
<td>No</td>
<td>N</td>
<td>There was anecdotal evidence from two residents in Old Redbridge confirmed by John from URS that The Anchor pub flooded on 2 or 3 occasions. There appears to be some fault so something needs to be done to address this FAO Bernadine? (Stop Press: later resident on Test Lane said there might be a blocked sewer?)</td>
<td>Will the plan of using existing defences be sufficient for now till 2020? Obviously we are dealing with probabilities, but we can't be certain. My biggest concern is the (old) Redbridge area as identified in part 2.</td>
<td>How the CIL (Community Infrastructure Levy) will apply. I understand that the localism Act will bring this in. I would be concerned if residents were to pay for this.</td>
<td>Yes very much so despite low number of residents attending. The ones that did had very useful and relevant information to pass on.</td>
</tr>
<tr>
<td>11</td>
<td>Resident</td>
<td>City View Article</td>
<td>Yes</td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Resident</td>
<td>City View Article</td>
<td>Yes</td>
<td>No, except I have noticed flooding in the SWAC boat Yard</td>
<td>Y Y Y Y Y Y Y Y Y Y Y Y</td>
<td>Yes it is interesting to see the areas prone to flooding</td>
<td></td>
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APPENDIX 1J – STAKEHOLDER ENGAGEMENT
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<tr>
<td>13</td>
<td>Resident</td>
<td>So143AW</td>
<td>Banner/Poster</td>
<td>No</td>
<td>Only around the walkway area at the old Meridian Television Site. Flooding was caused by high tides.</td>
<td>Y Y Y Y Y Y Y Y Y Y Y Y</td>
<td>UNIT 1 2 3 4 5 6 7 8 9 1 0 1</td>
<td>Is there anything else that you feel we should have considered when developing the options for your area?</td>
<td>The preferred option for the Upper Itchen but other options would have been better e.g. tidal barrier at the mouth of the Itchen.</td>
<td>Where people living in semi-detached houses there appears to be a potential problem if neighbours can’t/won’t about taking action.</td>
</tr>
<tr>
<td>14</td>
<td>Resident</td>
<td>City View Article</td>
<td>Yes</td>
<td>Garden floods at high tide</td>
<td>Y Y Y Y Y Y Y Y Y Y Y Y</td>
<td>The preferred option for the Upper Itchen but other options would have been better e.g. tidal barrier at the mouth of the Itchen.</td>
<td>UNIT 1 2 3 4 5 6 7 8 9 1 0 1</td>
<td>Is there anything else that you feel we should have considered when developing the options for your area?</td>
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<tr>
<td>15</td>
<td>Resident</td>
<td>S0145SF</td>
<td>Other</td>
<td>Yes</td>
<td>1930s onwards, 1930s - 1940s - rowed up Millbrook Street, Airaid shelter flooded to ground level, flooded roads.</td>
<td>Walls - water coming up through the ground so can’t see how walls would help, Land raising - no opinion.</td>
<td>UNIT 1 2 3 4 5 6 7 8 9 1 0 1</td>
<td>Is there anything else that you feel we should have considered when developing the options for your area?</td>
<td>The preferred option for the Upper Itchen but other options would have been better e.g. tidal barrier at the mouth of the Itchen.</td>
<td>Where people living in semi-detached houses there appears to be a potential problem if neighbours can’t/won’t about taking action.</td>
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### Southampton Coastal Flood and Erosion Risk Management Strategy

**APPENDIX 1J – STAKEHOLDER ENGAGEMENT**

**November 2012**

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<td>17</td>
<td>Resident</td>
<td>SO18 1AZ</td>
<td>Library</td>
<td>Yes</td>
<td>Not personally (Resident here for 60 years). However I seem to remember being told once the northern (river side) was flooded on an exceptional tide on one occasion.</td>
<td>Y Y Y Y Y Y Y Y Y Y Y</td>
<td>No.</td>
<td>No - The Strategy is admirably clear. It is a relief to know (at long last) that the east side of the River Itchen is relatively less at risk. However I only came across the brochure in the main library this morning - and have heard nothing else about The Strategy; why the lack of publicity.</td>
<td></td>
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</tr>
<tr>
<td>ID</td>
<td>Resident</td>
<td>SO16 9BH</td>
<td>Online</td>
<td>Yes</td>
<td>Flooding of our road Test Lane through road drains where tidal flaps have been defective. This has reached into gardens and bubbled up through the ground.</td>
<td>Y Y Y Y Y Y Y Y Y Y</td>
<td>UNIT</td>
<td>1 2 3 4 5 6 7 8 9 1 0 1 1</td>
<td>1) To ask householders/Owners within the areas in writing. Found out about this recently through a relatives magazine. 2) To consider there is a flooding risk now - due to faulty/poor maintenance of tidal flaps of road drainage which allows high tides to flow under the rail embankment up into the road putting property at risk if there is a tidal surge /low pressure and south westerly winds.</td>
<td>Is there anything else that you feel we should have considered when developing the options for your area?</td>
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<tr>
<td>18</td>
<td>Resident</td>
<td>SO16 9BH</td>
<td>Online</td>
<td>Yes</td>
<td>No experience of seawater. Have read reports in ‘The Echo’. Rain-storm flooding (Millbrook)</td>
<td></td>
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<tr>
<td>19</td>
<td>Resident</td>
<td>SO15</td>
<td>Online</td>
<td>Yes</td>
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<td>Road West)</td>
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<td>UNIT</td>
<td>If no explain why?</td>
<td>Is there anything else that you feel we should have considered when developing the options for your area?</td>
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<td>20</td>
<td>Other</td>
<td>Online</td>
<td>Yes</td>
<td></td>
<td></td>
<td>Y</td>
<td></td>
<td></td>
<td>Further Clarification is required on how the developer contributions or community infrastructure levy will operate. As potential purchasers of the former Meridian Studios site the contribution from developers of the site in relation to developers in the local area which will directly and indirectly benefit from The Strategy needs to be clarified. We recognise that redevelopment of the site is key to achieving The Strategy, but to develop the site more certainty is required. We also wish to obtain more information regarding the potential use of ABP dredged material for land raising, when material is likely to be available and how this will influence the level of developer contributions from ourselves and other local developers.</td>
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<tr>
<td>21</td>
<td>Resident</td>
<td>Online</td>
<td></td>
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<td></td>
<td>Ensure flooding from the rivers to our north are considered to avoid flanking flooding</td>
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APPENDIX F - LETTERS FROM KEY STAKEHOLDERS AND STATUTORY CONSULTEES RELATING TO THE STRATEGY.
Southampton City Council
Southampton Coastal Flood and Erosion Risk Management Strategy

APPENDIX 1J – STAKEHOLDER ENGAGEMENT
November 2012

Southampton City Council,
Planning & Sustainability Department,
Southampton Coastal Strategy Consultation,
Civic Centre,
Southampton,
SO14 7LY

FAO Bernadine Maguire.

19th January 2012

Dear Sirs,

Re: Southampton (Redbridge to Woodmill Lane) Coastal Flood & Erosion Risk Management Strategy (Specific reference to Unit 5 – St Mary’s Wharves)

Further to your consultation on the above mentioned document Hanson would like to submit the following response to the consultation.

By way of background Hanson is part of the HeidelbergCement Group. The marine section of Hanson UK operates a well-balanced fleet of purpose-built trailing suction dredgers, which vary in size from 1,300 to 8000 gross tonnes and are designed to extract sand and gravel from the seabed at depths of up to 30 metres. Cargoes are dredged from government-licensed areas 24 hours a day 365 days a year, delivering to purpose built wharves, like those on the River Itchen.

The Marine Office for Hanson Aggregates Marine Limited, along with land and other buildings, is at Burley Wharf (postcode SO14 5JF). Our current experience of flooding at the site is an event every year or two where the land floods to varying degrees. Within the last 4-5 years there has been a serious flood event which flooded some of the buildings on site, and another occasion where the tide rose higher than the drains forcing water back into some of the buildings.

We agree that sea level rise needs to be managed and strategies like that proposed for Southampton will assist in guiding the work and its timing, but we do have concerns about the sources of the funding when clear statements are made in the document such as:-

There is also currently no defence maintenance budget or formalised approach to managing flooding and erosion in Southampton.

Essentially there is no indication of what will be expected of those commercial operators who require water frontage to carry out their business, who, whilst maintaining the defences for their own land also ensure flood protection for other areas of the city (Section 6.3.5 states There are also flood flow paths from this area towards adjacent areas including Northam to the north and the City Centre to the south west). In addition, there is no indication of what will happen if the land is not redeveloped (and raised) within the time period? And there appears to be heavy reliance on redevelopment to deliver land raising but if redevelopment is not possible what other options are there?
Therefore whilst we welcome guidance we can not agree with the Preferred Option for Unit 5 until we understand what the funding requirements and implementation responsibilities will be.

We would also like to understand the intentions for drainage and how the potential for flooding from this source will be addressed.

We welcome that reactive maintenance and repairs (Section 8.3.8) are considered appropriate but assume from the document that this will only be deemed appropriate till 2015, when the floodwall of 0.8m is stated as being installed. We believe that this timeline will be difficult to achieve for a variety of reasons and we therefore seek assurance that consent for ongoing reactive maintenance and repairs to defences will be allowed beyond 2015.

Your option for Unit 5 in the longer term relies upon redevelopment to implement the required level of defence – investment in sites requires management of risk and generation of confidence, to be able to generate this in the investor's clear guidance is needed and assurance that current parameters will not change regularly. We therefore seek clear guidance on any review procedure proposed for this Strategy.

One point of particular concern, under the discussion about land raising, is the mention of the use of dredged material from the Port run by ABP. Hanson would strongly resist this as it is our understanding use of material arising from navigational dredging is classified as a waste by-product by the Environment Agency. The use of such material on a site requires the site to be classified as a waste disposal site or landfill site, which greatly affects its value, insurance etc.

Yours sincerely,

Joel Morris
Land and Planning Manager
Land & Mineral Resources Department

cc. E. Beagley, Hanson Aggregates Marine Limited, Burnley Wharf, Southampton

23 JAN 2012
CONSULTATION RESPONSE
Southampton City Flood and Coastal Erosion Risk Management Strategy
WSP on behalf of Crest Nicholson
25 January 2012

Southampton Flood and Coastal Erosion Risk Management Strategy Consultation

This note is the response to the public consultation of the flood and coastal risk management strategy by WSP on behalf of our client Crest Nicholson who are undertaking due diligence with regards to becoming the proposed development partner of the former Meridian Studios site for a residential development.

Q1. What is the main reason for your interest in the Southampton Coastal Flood and Erosion Risk Management Strategy? Please provide your postcode.

Other. Prospective purchaser of former Meridian Studios site, with an interest to develop into residential properties.

Q2. Did you realise that some areas of the city are potentially at risk of coastal flooding?

Yes.

Q3. Do you agree with the proposed options to reduce coastal flood risk presented in the draft Strategy? (Please answer Yes/No/No Opinion)

Unit 3, Former Meridian Studios – Yes, we agree with the proposals with further clarification on a number of issues as set out in our response to question 5, below.

Other Units – No opinion.

Q4. Is there anything else that you feel we should have considered when developing the options for your area?

No.

Q5. Please can you identify any information presented in the draft Strategy that you feel requires further clarification or is unclear?

Further clarification is required on how the developer contributions or community infrastructure levy will operate. As potential purchasers of the former Meridian Studios site the contribution from developers of this site in relation to developers in the local area which will directly and indirectly benefit from the strategy needs to be clarified. We recognise that redevelopment of the site is key to achieving the strategy, but to develop the site more certainty is required.
We also wish to obtain more information regarding the potential to use ABP dredged material for land raising, when material is likely to be available and how this will influence the level of developer contributions from ourselves and other local developers.

Q6. If you would like to be informed of future developments relating to The Strategy, please add your contact details below.

WSP UK Ltd
Regus House,
George Curl Way
Southampton
Hampshire
SO19 2RZ

Crest Nicholson
Crest Nicholson plc
Crest House,
Pycroft Road
Chertsey
Surrey
KT16 9GN

Michael Spoor
Associate Director

Hugo Reeve
Development Director

END
Southampton Coastal Flood and Erosion Risk Management Strategy

APPENDIX 1J – STAKEHOLDER ENGAGEMENT
November 2012
the port can tolerate a degree of flooding in that large areas of the port
land may be described as industrial storage areas. Nonetheless, ABP is
aware of the potential impact of flood events to disruption to port
activities and damage to infrastructure, superstructure and electrical
supplies as well as to cargoes.

5. Whilst there are undoubtedly a range of flood defence options that could
be implemented within the Port estate, which would protect both port and
city assets (Table 6-3), the long timeframe of the increased risk of flood
events in combination with the life span of current assets means that
ABP has the ability to develop a long term strategy which may be to the
benefit of the Port and the City. We reiterate that any future approach
ABP may pursue in connection with flood risk management options will
be a balance of the risk of coastal flooding and the nature of port
operations/capabilities, funding and inherent liabilities. The measures
which ABP will undoubtedly consider to be incorporated into future port
strategic planning include a range of options such as land raising, cope
flood barriers and building specific resilience measures.

6. ABP, therefore, concluded in May 2011, that it was not considered
feasible, practical or viable to incorporate measures on the port estate to
the extent that they also meet the City Council’s requirements for flood
defence at this time. We therefore recommended that the City Council’s
Strategy should not consider or recommend the inclusion of port land or
port assets forming part of this Management Strategy. We note that the
Strategy takes account of this request.

7. ABP also indicated that it was unable to commit to any specific flood
defence options without consideration of more detailed investigations
and risk assessment. ABP remains of the view that there may be a
significant advantage to all concerned in consideration of a sea defence
structure being placed along the cope edge, however, we remain
unaware of any such infrastructure in existence at other ports. As per our
previous correspondence we would be happy to work with the City
Council to assess the viability of introducing a raised wall, designed to sit
on the existing cope, the design of which would have to accommodate
the requirements of a working port such as stem and quarter ramp
access for ro-ro vessels, bollard strength and general access capabilities
for the type of trade envisaged to be handled at the Port in the future.

8. Sections 8.3.3 to 8.3.5 of the consultation draft refer to land raising. ABP
would remind the Council that in excess of one million cubic metres of
aggregate is predicted to be realised from the capital dredging proposal
of the main navigation channel to the Port1 and that land raising would
be an ideal beneficial use of this material. The current timeframe for
removal of this material is 2012 – 2013, although we should point out
that we believe that a processing and storage area for this quantity of
material would have to be independently sourced as we could not

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1 Southampton Approach Channel Dredge
guaranteed a sufficient area within the Port estate to handle the quantity material over a relatively short arrival window. ABP would be pleased to enter into any discussion with you should the City Council or any developers wish to pursue beneficial use options of this land.

9. Section 8.3.6. of draft Strategy refers to ramps, demountable defences and flood gates which is of direct relevance to ABP in terms of access arrangements, particularly to the road access points to the port (Dock Gates 4, 5 (currently not in use), 8 and 10 and rail access (Dock Gates 3 and 12 as well as the rail freight terminals (Western Docks/container terminal). ABP recognises that demountable systems offer a solution to protect against flooding and if demountable defences prove to be the preferred option for these access points, we would urge prompt consultation with ABP to ensure an effective solution, including management responsibilities, can be implemented. As you are aware the Port handles abnormal and oversized loads on a regular basis and any design options which may affect agressor for such loads would have to be carefully considered. Again, early dialogue with ABP is recommended on this matter.

10. Appendix D comprises a Defence Condition Assessment of current assets, which extensively focuses on the quay walls of the Port. Whilst the URS Scott Wilson assessment is a valuable study to support the draft Strategy, it must be remembered that this assessment was a visual assessment and does not include the detailed knowledge, or the conclusions of routine inspections, of the structures undertaken by ABP. ABP cannot, therefore, agree with all the conclusions of this assessment. Should specific information be required, please contact the undersigned. ABP will continue to maintain and improve the quay wall infrastructure, as appropriate.

11. Thank you for affording ABP to comment on the draft consultation Strategy. We remain willing to engage with the City Council on implementations options of the Strategy, particularly in relation to the points identified in paragraphs 7, 8 and 9.

Yours sincerely

Sue Simmonite
Environment Manager

Cc Gary Brown, Engineering Manager ABP Southampton
Hampshire County Council (Officer) Response.

Southampton Coastal Flood and Erosion Risk Management Strategy

Thank you for providing the opportunity for Hampshire County Council to comment on the Consultation Draft Coastal Flood and Erosion Risk Management Strategy for Southampton. As an adjoing lead Local Flood Authority (LLFA) the County Council welcomes the strategy’s publication, which provides the framework to manage future coastal erosion and flood risk within the city.

We have the following comments for your consideration:

1) As a LLFA Hampshire County Council is committed to working with other risk management authorities to help address flood risk. In this regard through its Coastal Communities Adapting To Change project (CCATCH - the Solent) the County Council will be working closely with the City Council to help implement the short term option for the Upper Itchen and St Denys frontage by helping the local community to be more aware of and able to manage risks from coastal flooding.

The project objectives are to:

- Raise awareness of the current risks to different sectors of the community.
- Explore how the community can further plan for a flood risk scheme to protect their properties.
- Explore a whole range of interim measures to protect the properties including flood gates, airbrick covers and other resistance measures and resilience measures and co-ordinate an application to EA resilience funding.
- Engage the community in preparing an interim risk management/emergency plan.
- Provide educational and interpretational opportunities that can communicate coastal change and build a high level of understanding within the local community.

The ‘CCATCH - the Solent’ project will raise awareness and understanding amongst Solent communities of coastal change and in particular sea level rise. It will help stakeholders understand the process of coastal change to enable adaptation and increase resilience. It forms part of a European Union Interreg funded project lead by the Environment Agency called Coastal Communities 2150 and beyond (CC2150).

2) As a Minerals and Waste Planning Authority and partner authority with Southampton City Council, Hampshire County Council notes that the draft Strategy covers an area which includes a number of sites of current and potential importance for minerals and waste. They are identified in the documents:

- Needs Assessment for Wharves and Rail Depots in Hampshire (Update)
- The Suitability of Industrial Areas for Waste Management in Hampshire
- An Assessment of Sites and Areas for Waste Management Facilities in Hampshire

All of which are available at http://hantsconsult@lighthouse.co.uk/PortofHampshire/publication_of_the_draft_hampshire_minerals_and_waste_plan/?at=flag

In particular, the wharves in operation on the River Itchen are of crucial importance to the successful implementation of the emerging Hampshire Minerals and Waste Plan. Therefore it should be noted in the main document and the non-technical summary that the implementation of the Strategy will need to recognize the importance of both current and potential minerals and waste assets and seek to ensure that they continue to be available for beneficial use in accordance with the emerging Hampshire Minerals and Waste Plan.

3) Finally, it is not clear whether the relatively small number of cellar/basement conversions into accommodation that may put a limited number of residents at additional risk, has been taken into account in the assessment of the impact of flooding on residential property. Whilst this is likely to be small in number, demand for such conversions may increase in future.
APPENDIX G - ISSUES RAISED REGARDING THE DRAFT PREFERRED OPTIONS FOR NORTHAM AND ST MARY’S FRONTAGES AND HOW THESE HAVE BEEN ADDRESSED BY THE STRATEGY.

1. What is the position regarding commercial operators and the maintenance of flood defences?

Owners of private defences will continue to be responsible for maintenance of their private assets. Southampton City Council will be responsible for maintenance of new defences, whose primary purpose is to provide flood protection to the city.

2. If land isn’t redeveloped and raised within the period what will happen?

Land raising is an aspirational preferred approach as discussed in the Strategy. However, if opportunities have not arisen by 2060 to raise land to form the strategic flood defence, then a suitable alternative solution such as further raising of the floodwalls would be undertaken. Also should existing front line defences reach the end of their service life there is the potential for new front line defences to form the strategic flood defence function. In the shorter term the Strategy has identified the requirement for land raising at Meridian studios and Town Depot to form part of the 2015 strategic flood defence. Should this land raising not occur, the intermediate height floodwall would be extended through these areas to deliver protection to the city.

3. Funding and implementation responsibilities

The priority works to deliver the floodwall will be funded mainly through Flood Defence Grant in Aid (FDGiA) funding as the benefits to the wider city of such a scheme are significant. Any shortfalls will need to come from other sources such as the Community Infrastructure Levy. Land raising would be expected to be paid for by developers either directly or through the Community Infrastructure Levy. Costing of these options will be further refined and the funding model optimised at the project stage.

4. Use of ABP dredge material for land raising


Further wording can be added to The Strategy to clarify that the Strategy costs are based on fill which is explicitly not considered as waste and that only fill which does not compromise future use of sites will be allowed.

5. Safe guarding of the aggregate wharves

The Strategy proposes land raising in the areas of the aggregate wharves, on the assumption that this land will be redeveloped in the future. The Strategy wording could be changed to clarify that alternative methods would be considered if redevelopment isn’t going to occur.

6. Temporary disruption to operations due to construction

It is recognised that for the construction of a flood defence scheme in this area at 2015 there would be considerable temporary disruption to wharf operations. This would be carefully coordinated to minimise disruption to operations and undertaken in close liaison with operators.

7. Longer term impacts on operations
It is recognised with a flood defence scheme such as a floodwall in place there will be longer term potential impacts to operations. These will be identified and discussed and the specific proposals added to The Strategy in the final revision. Optimisation of the scheme at the detailed design stage would be undertaken to reduce the potential longer term impacts to operations (eg. optimising the alignment of defences or the potential for alternative types of defence to be incorporated into the floodwall to accommodate loading / unloading etc.)

8. **Will the floodwall increase land drainage issues?**

Detailed design of the scheme will ensure no adverse impacts to land drainage occur.