





Technical Appendix A - List of Appendices and Overview of Process

May 2018

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**Environment Agency** 

# Medway Estuary and Swale Coastal Flood and Erosion Risk Strategy

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# **Issue and Revision Record**

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## 1 Overview

The Environment Agency has appointed Mott MacDonald (MM) to develop the Medway Estuary and Swale Coastal Flood and Erosion Strategy (hereafter known as MEASS), with the aim of providing a Flood and Coastal Risk Management (FCRM) Strategy for the Tidal Medway Estuary, the Swale Estuary, and the Isle of Sheppey. The aim of MEASS is to assess how to best manage the coastline to protect people, properties, designated habitats, and agricultural land from coastal flood and erosion risk. As with all flood and coastal risk management work, the wider impacts must be considered. This means that the best technical solutions for defences need to be found, while also considering the impacts and benefits for local communities, the environment, and the cost to the tax payer.

The Strategy that has been produced consists of a Strategy Appraisal Report (StAR) document which summarises the business case and key financial information. The StAR document is supported by several Technical Appendices, which together, provide the details behind the decisions made within the StAR, as well as the Risk Registers and Implementation Plan for taking the Strategy forward. Together these form MEASS.

The technical appendices which support the StAR are presented in Table 1 below. These should be read in conjunction with the StAR document but also with each other, and aim to present the information supporting the Strategy in a clear and transparent manner. Figure 1 presents a flow diagram showing how these documents are connected to the overall FCRM process (FCERM-AG, Environment Agency, 2010) which has been undertaken to develop this Strategy.

Table 1: List of Appendices to the MEASS StAR

Appendix Number	Appendix Name	
A	List of Appendices and Overview of Process	
В	Non Technical Summary	
С	Damages Assessment Report	
D	Option Technical Report	
E	Appraisal Summary Tables	
F	Preferred Option Expenditure Profile	
G	Economic Assessment Report	
Н	Implementation Plan	
1	Modelling Report	
J	Strategic Environmental Assessment	
K	Habitats Regulations Assessment	
L	Stakeholder Report (including Letters of Support)	
M	Carbon Calculator	
N	Risk Register	
0	Sustainability Register	
Р	GIS Layers	
Q	Lessons Learnt	
R	Partnership Funding Plan	

Baseline Literature Consultation Lessons Stage 1: learned review data review review Understand and define the problem Appendix P StAR StAR Appendix L Consultation Coastal Stage 2: Set the squeeze objectives Appendix J Appendix L Modelling Ecological Review current Consultation Stage 3: Assess Surveys defences the baseline Appendix I Appendix J Appendix D and Appendix L and K Ε Stage 4: Identify Identify long Assess long Present short Consultation the long list of list list options and refine Appendix D Appendix D Appendix E Appendix L to the short list of and E options Assess Assess costs Environment Consultation Stage 5: Describe, benefits impacts quantify and value the costs and Appendix C Appendix D Appendix J Appendix L benefits and E Economic Sensitivities Environment Consultation Stage 6: Compare assessment assessment the short listed options and select Appendix G, Appendix G Appendix E Appendix L preferred option E and N and G Financial SEA, HRA Consultation Business Stage 7: Complete Case report spend profile and WFD Appraisal Appendix J StAR and Appendix L Appendix F Appendix B and K Sustainability of Lessons Implementation Stage 8: Monitor learned Plan preferred options and feedback Appendix P Appendix N and Appendix H 0

Figure 1: FCRM process and corresponding MEASS appendices

