

Isle of Grain to South Foreland Shoreline Management Plan (SMP) Review

Appendix E – Issues and Objectives Evaluation

Contents Amendment Record

This report has been issued and amended as follows:

Issue	Revision	Description	Date	Approved by
1	0	Consultation Draft	01.05.07	S McFarland
	1	Amendments following public consultation	11.03.08	N Pontee
	2	Amendments following QRG review	08.07.09	N Pontee
	3	Amendments following 2 nd QRG Review	26.02.10	T Edwards N Pontee

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Appendix E: Issues and Objective Evaluation

E1	Introduction.....	1
E2	Methodology	2
E3	The Issues and Objectives Table.....	6

Contents by Policy Unit

Note the geographic breakdown of the appraisals presented in this Appendix is not necessarily the same as the final Policy Units (PU). In this appendix the breakdown has been based upon coastal process and morphological changes along the shoreline. For ease of reference, the following table identifies the page number on which appraisals relevant to each PU start.

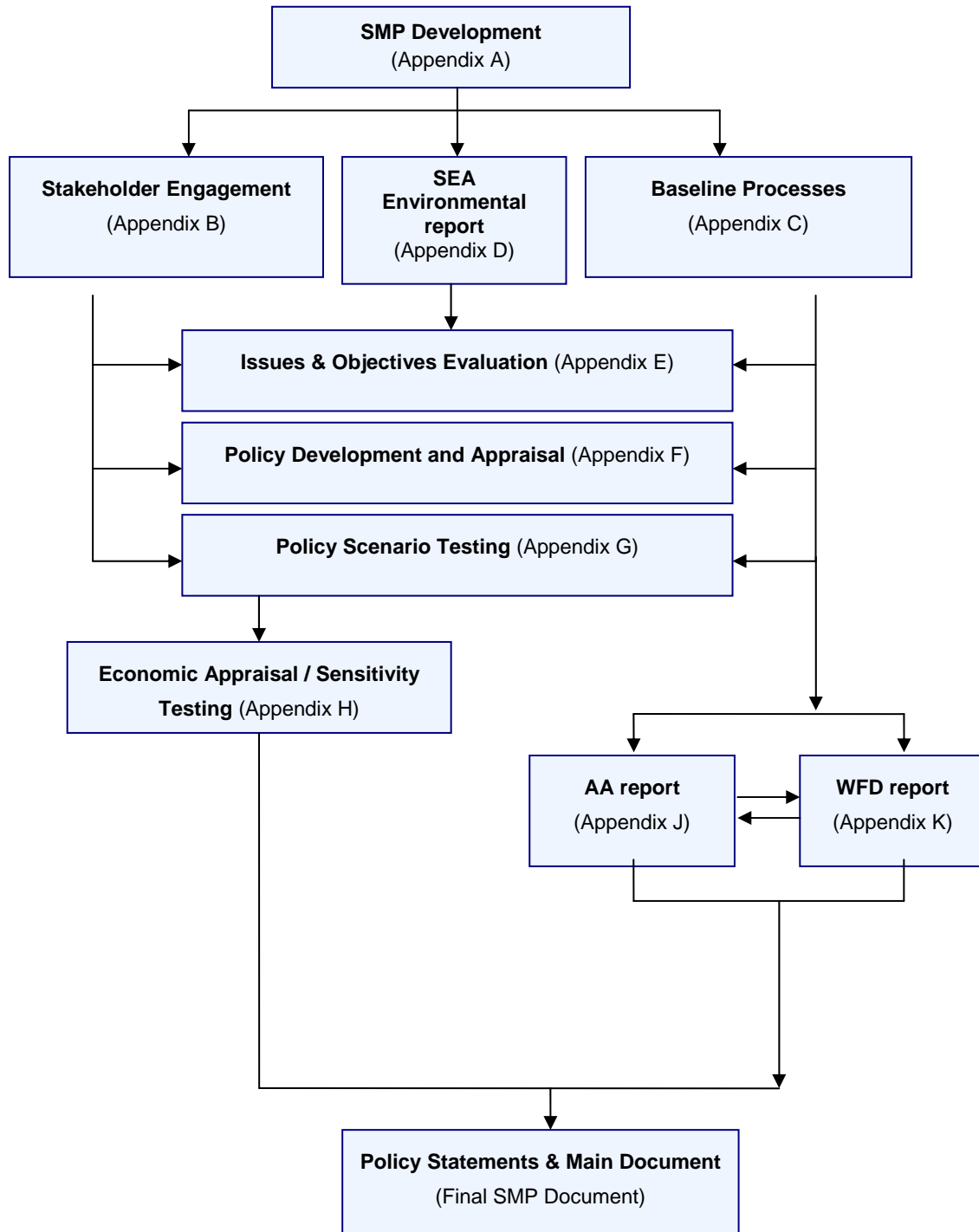
	Policy Unit	Theme and Page Number Issues & Objectives
4a 01	Allhallows-on-Sea to Grain (south)	7
4a 02	Garrison Point to Minster	12
4a 03	Minster Town	16
4a 04	Minster Slopes to Warden Point	16
4a 05	Warden Point to Leysdown-on-Sea	18
4a 06	Leysdown-on-Sea to Shell Ness	18
4a 07A	Faversham Creek to the Sportsman Pub	22
4a 07B	Sportsman Pub to Seasalter	22
4a 08	Seasalter to Whitstable Town	26
4a 09	Whitstable Town to Whitstable Harbour	26
4a 10	Whitstable Harbour (east) to Swalecliffe	26
4a 11	Swalecliffe to Herne Bay Breakwater	26
4a 12	Herne Bay Breakwater to Bishopstone Manor	26
4a 13	Reculver Country Park	30
4a 14	Reculver Towers to Minnis Bay	30
4a 15	Minnis Bay to Westgate-on-Sea	34
4a 16	Margate	34
4a 17	Cliftonville	34
4b 18	White Ness to Ramsgate	34
4b 19	Ramsgate Harbour	34
4b 20	West Cliff (Ramsgate Harbour to north of the River Stour)	34
4b 21	South of the River Stour to Sandwich Bay Estate (north)	39
4b22	Sandwich Bay Estate north to Sandown Castle (remains of)	39
4b23	Sandown Castle (remains of) to Oldstairs Bay	43
4b24	Oldstairs Bay to St Margaret's	43
4b25	St Margaret's	43
4b26	South Foreland	43

The Supporting Appendices

This appendix and the accompanying documents provide all of the information required to support the Shoreline Management Plan. This is to ensure that there is clarity in the decision-making process and that the rationale behind the policies being promoted is both transparent and auditable. The appendices are:

A: SMP Development	This reports the history of development of the SMP, describing more fully the plan and policy decision-making process.
B: Stakeholder Engagement	All communications from the stakeholder process are provided here, together with information arising from the consultation process.
C: Baseline Process Understanding	Includes baseline process report, defence assessment, NAI and WPM assessments and summarises data used in assessments.
D: SEA Environmental Report (Theme Review)	This report identifies and evaluates the environmental features (natural environment, landscape character, historic environment, land use, infrastructure and material assets, and population and human health).
E: Issues & Objective Evaluation	Provides information on the issues and objectives identified as part of the Plan development, including appraisal of their importance.
F: Initial Policy Appraisal & Scenario Development	Presents the consideration of generic policy options for each frontage, identifying possible acceptable policies, and their combination into 'scenarios' for testing.
G: Scenario Testing	Presents the policy assessment and appraisal of objective achievement towards definition of the Preferred Plan (as presented in the Shoreline Management Plan document).
H: Economic Appraisal and Sensitivity Testing	Presents the economic analysis undertaken in support of the Preferred Plan.
I: Metadatabase and Bibliographic database	All supporting information used to develop the SMP is referenced for future examination and retrieval.
J: Appropriate Assessment	Presents an assessment of the effect the plan will have on European sites.
K: Retrospective WFD Assessment	Presents a retrospective Water Framework Directive Assessment.

Within each appendix cross-referencing highlights the documents where related appraisals are presented. The broad relationships between the appendices are as below.



E1 Introduction

This Appendix summarises the features and issues identified along the Isle of Grain to South Foreland coastline, together with the setting and evaluation of objectives. The information presented in this Appendix is supported by [Appendix D](#) (Thematic Studies), which provides further details on each of the features.

The approach promoted by Defra guidance uses the principles of the Quality of Life Capital (QLC) approach, which was developed jointly by the Countryside Agency, English Nature, English Heritage and the Environment Agency to address environmental issues in decision-making. There is a focus on the services (termed as **benefits**) that a feature (e.g. a harbour) contributes to a location, a region or the nation, which helps clarify why that feature on the coast may or may not require protection. The understanding of why a feature is important to stakeholders, either locally or nationally also helps ensure the process is transparent.

All the information has been recorded in a table to ensure clarity and transparency.

E2 Methodology

E2.1 IDENTIFICATION OF ISSUES AND OBJECTIVES

The Issues and Objectives Table was populated using information from the Theme Review and also inputs from both the Client Steering Group (CSG) and Stakeholders¹.

E2.2 OBJECTIVE EVALUATION

The relative importance of the objectives was evaluated through answering a series of questions:

- At what scale is the benefit important?
- How important are these benefits to the people who use them?
- Is there enough of the benefit?
- Can the benefit be substituted?

Again this information has been derived from the Thematic Studies² and has also involved the input from members of the CSG, Key Stakeholder Forum (KSF) and Elected Members Forum (EMF).

E2.3 EXPLANATION OF COLUMN HEADING

(a) *Feature*

This is defined as something tangible that provides a benefit or service to society in one form or another. The feature will relate to the benefit(s) that it provides and SMP Policy will address objectives that relate to a feature.

Examples of aspects that do not constitute a QLC feature include:

- A cliff for supplying sediment to a beach (although the cliff may be a feature if it supports habitats, for example); and,
- A seawall that protects a residential area (the residential houses are the feature).

Examples of a feature include residential or commercial properties, a heritage site, etc.

(b) *Issues associated with feature*

This column identifies all issues associated with that feature. Issues may occur where either a feature is at risk from flooding or erosion or where management intervention could impact upon a feature.

Examples include:

¹ Refer to [Appendix B](#) for further details on stakeholder involvement

² Refer to [Appendix D](#) for further details

- Potential loss of housing through erosion;
- Potential for coastal works to impact upon asset; and,
- Potential loss of or damage to services and roads through erosion.

(c) Affect Policy?

This states whether the feature and its associated issues are of direct relevance to policy decisions; although an issue may be deemed to be of flood and coastal defence management relevance, it may still not affect policy e.g. offshore dredging or offshore fisheries both of which are unlikely to be affected by the policy for shoreline management.

Note that where an issue is considered not to affect policy, no objective, rank, etc are set for that issue.

(d) Why is the feature important?

For those features and issues which are deemed to affect policy, this column identifies the tangible benefits of the feature, such as:

- Human/property/transportation/community cohesion;
- Critical habitat /conservation importance;
- Historical value;
- Landscape value;
- Educational resource/value; and,
- Supply of economic growth opportunities (ports/marinas/tourism /recreation/industry).

It should be noted, however, that 'Coastal processes' do not constitute a benefit, for example, sediment transport maintaining a beach that provides both a natural defence to a village and a recreational amenity would not be considered a benefit; instead the benefits would be the residential provision of the village and recreation.

(e) Who benefits?

This column identifies the key beneficiaries. The categories include:

- Individuals – i.e. not organisations;
- Local - residents or people from an immediate catchment area (fishermen/business etc);
- Regional Users – regionally important stakeholders (e.g. Wildlife Trust, County Council, Port Authority, etc); and,
- National Users.

(f) Objective

For each feature, where potential flood or coastal erosion related issues have been identified, a specific objective has been defined, based on the relevant specific issue and the benefits provided by that feature.

(g) Scale - At what scale is the benefit important?

This identifies the area over which the benefit has an impact of some significance, and has used the following classes:

International	Beyond the UK
National	UK
Regional	South East England
Sub-Regional	Typically the county within which the feature is situated, but for major coastal towns this is the town envelope and the immediate surrounding rural area.
Local	The immediate vicinity of the feature in question. For coastal villages and other rural communities this includes that part of the county, and may include the nearest town that provides main services such as shops, banking, leisure and recreational facilities.

(h) Importance – How important are the benefits to the people who use them?

This considers the scale of the impact should that feature/benefit be lost tomorrow and has used the following classes:

High	Loss tomorrow would significantly influence stakeholder daily life/ work/ management practices (significance change to socio-economic status or quality of life)
Medium	Loss tomorrow would partially influence stakeholder daily life/ work/ management practices (moderate change to socio-economic status or quality of life)
Low	Loss tomorrow would have little or no influence on stakeholder daily life/ work/ management practices

(i) Enough - Is there enough of the benefit?

This identifies how scarce or rare a benefit is, at the scale at which it is important. As part of this, consideration needs to be given to whether other sites/areas can be found where this benefit is provided (e.g. inland or further along the coast etc).

(j) Replace – Can the benefit be substituted?

This identifies whether the benefit could be replaced at the appropriate scale and considers the practicability of substitution: some benefits can be substituted whilst others can not, for example it may be possible to divert a threatened footpath and preserve the recreational benefit that it provides whilst ancient woodlands are impossible to recreate within the timescale of the SMP.

Although the SMP can address whether it is technically possible to replace a benefit, it is not necessary to define whether it is operationally possible (i.e. the new site secured and the necessary funding in place), as this assessment is only used to evaluate the objective, not appraise policy.

E2.4 OBJECTIVE CLASSIFICATION

Using the answers to the above questions the objectives have been broadly classified by theme and each feature/ benefit has been attributed a rank, which includes a letter and a number. The letter refers to the theme (see list below) and the number defines the relative significance, with 1 being the highest rank in each theme.

As it has been recognised that it is not possible to compare different types of features, e.g. environment site with housing, the ranking is specific to the following theme:

- Housing (H);
- Commercial and agricultural property (C);
- Infrastructure (roads, pipelines etc.) (I);
- Natural environment (E);
- Heritage (G);
- Landscape (L); and,
- Recreation (R).

E3 The Issues and Objectives Table

Contents:

- 1) Allhallows-on-Sea to Grain village**
- 2) Isle of Sheppey – Garrison Point to West of Minster**
- 3) Isle of Sheppey – Minster to Warden Point**
- 4) Isle of Sheppey – Warden Point to Shellness**
- 5) Faversham Creek to Seasalter (South Bank of Swale)**
- 6) Seasalter, Whitstable and Herne Bay**
- 7) Bishopstone to Minnis Bay**
- 8) Minnis Bay to Pegwell Bay**
- 9) Pegwell Bay to Sandown Castle**
- 10) Sandown Castle to South Foreland**

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
1) Allhallows-on-Sea to Grain village										
Residential properties on edge of Allhallows-on-Sea village	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to housing through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	<ul style="list-style-type: none"> - Individual residents and local community 	Prevent loss/ damage to residential properties from flooding or flood risk management works	Local	High	No	Yes	H2
Residential properties in Lower Stoke village	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to housing through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	<ul style="list-style-type: none"> - Individual residents and local community 	Prevent loss/ damage to residential properties from flooding or flood risk management works	Local	High	No	Yes	H2
Commercial properties – businesses in Lower Stoke village	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to businesses through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, damage to property 	Yes	<ul style="list-style-type: none"> - investment of individual owners contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Individual business owners, local community and visitors 	Prevent loss/ damage to commercial properties from flooding or flood risk management works	Local	High	No	Yes	C3

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Community facilities in Lower Stoke village (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to facilities through flooding - impact on local community - potential impacts from flood risk management works e.g. disruption, damage to facilities 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from flooding or flood risk management works	Local	High	No	Yes	H2
Residential properties on edge of Middle Stoke village	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to housing through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	<ul style="list-style-type: none"> - Individual residents and local community 	Prevent loss/ damage to residential properties from flooding or flood risk management works	Local	High	No	Yes	H2
Major infrastructure e.g. A228, local roads, railway line, services and communications, electricity pylons	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through flooding 	Yes	<ul style="list-style-type: none"> - essential links for communities, businesses and industry 	<ul style="list-style-type: none"> - Local, regional and national community 	Prevent loss/ damage/ disruption to infrastructure from flooding	National	High	No	Yes	F2
Structures/ ancillary infrastructure abandoned through flooding	<ul style="list-style-type: none"> - Health and Safety and environmental hazards caused by flooding/ abandonment of property and associated services 	No								
Agricultural Land	<ul style="list-style-type: none"> - potential loss of land, farms and farm buildings through flooding - impacts on farm businesses and viability - devaluation of land at risk - anxiety and stress to owners at risk - change in achievement of prescriptions for agri-environment payments 	Yes	<ul style="list-style-type: none"> - represents substantial investment for individual owners - loss of existing agricultural land stock, mainly Grade 4 - economy/ employment through farming - contribution to local community 	<ul style="list-style-type: none"> - Individual farmers and employees - Local community - National and international community in terms of management benefits for designated wildlife sites 	Prevent loss/ reduced potential of agricultural land from flooding	Local	High	Yes	Yes	C3

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			<ul style="list-style-type: none"> - much of the area is within the North Kent Marshes Environmental Sensitive Area (ESA) and is managed for wildlife, landscape and heritage benefit. Agri-environment payments are made to farmers. 							
Intertidal Habitat	<ul style="list-style-type: none"> - potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - Intertidal area on northern and eastern shoreline is part of the South Thames Estuary and Marshes SSSI, SPA and Ramsar site (habitat for birds, plants and invertebrates) - Intertidal area on the southern shoreline is part of the Medway Estuary and Marshes SSSI, SPA and Ramsar site (habitat for birds, plants and invertebrates) - Intertidal habitats are UK BAP priority habitats - Intertidal habitats support rare species and are important for fish - There is a need to retain the saltmarsh in this area as this SSSI is in unfavourable condition due to the loss of saltmarsh. - Recreational activities e.g. Wildfowling on the intertidal area. 	<ul style="list-style-type: none"> - Local, national and international community 	Promote biodiversity opportunities and avoid net loss of intertidal habitat and associated species from coastal squeeze and flood risk management works	International	High	No	Yes	E1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Coastal Grazing marsh habitat (including habitat on the flood defence embankments)	<ul style="list-style-type: none"> - potential loss of freshwater/ brackish habitat through flooding - potential opportunity to return to intertidal habitat e.g. at Yantlett Creek - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - coastal grazing marsh is part of the Medway Estuary and Marshes SSSI, SPA and Ramsar site (birds, plants and invertebrates in fields and ditches and on flood defence embankments) - coastal grazing marsh is a UK BAP priority habitat and hosts protected and BAP priority species e.g. water voles 	<ul style="list-style-type: none"> - Local, national and international community 	Promote biodiversity opportunities and avoid net loss of coastal grazing marsh and associated species from flooding and flood risk management works	International	High	No	No	E2
Former oil refinery site	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to site through flooding - potential impacts on regeneration objectives for local area and Thames Gateway - need to accommodate space for flood defences including future improvements and environmental mitigation/ enhancement 	Yes	<ul style="list-style-type: none"> - largest strategic economic regeneration site in the Thames Gateway - contribution to economy and employment 	<ul style="list-style-type: none"> - Local, Regional and National community 	Prevent loss/ damage/ disruption to site from flooding	National	High	No	No	C1
Grain Power station	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage/ disruption to site through flooding 	Yes	<ul style="list-style-type: none"> - Contribution to economy and employment, including through commercial use of River Medway - Investment of owners 	<ul style="list-style-type: none"> - Local, Regional and National Community 	Prevent loss/ damage/ disruption to Grain Power station from flooding	National	High	No	Yes	C1
Thamesport	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage/ 	Yes	<ul style="list-style-type: none"> - Thamesport is one of Britain's biggest container ports, 	<ul style="list-style-type: none"> - Local, Regional, National and International 	Prevent loss/ damage/ disruption to Thamesport from flooding	International	Medium	No	No	F1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
	<ul style="list-style-type: none"> - disruption to site through flooding - potential impacts on associated business/ industries - potential impacts on deep water berths caused by changes in estuary system 		<ul style="list-style-type: none"> - major contribution to commercial use of the River Medway - investment of owners - contribution to economy and employment 	Community						
Grain Pit	<ul style="list-style-type: none"> - potential loss of habitat through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - Grain pit is a Site of Nature Conservation Importance. Reedbed and open water habitats are present in the former pit. There are also areas of scrub and rough grassland 	Local Community	<p>Prevent loss/ damage to Grain Pit from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	Yes	E4
Slough Fort	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - Slough Fort is going through the process of becoming a Scheduled Ancient Monument 	Local and National Community	<p>Prevent loss/ damage to Slough Fort from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	No	No	G2
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - The area has a high potential for heritage value 	Local and national community	<p>Prevent loss/ damage to heritage from flooding and flood risk management works or implement appropriate mitigation measures, including preservation of evidence by record</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	No	G4
Landscape of the estuary, marshes, village and industrial area, including existing flood defences	<ul style="list-style-type: none"> - potential degradation through flooding and associated impacts - potential adverse impacts caused by flood risk management measures e.g. construction of large sea defences 	Yes	<ul style="list-style-type: none"> - an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefits - The grazing marsh frontages are designated as Undeveloped Coast and are part of the North Kent 	Local community and visitors	<p>Prevent degradation of landscape quality and visual amenity from flooding and flood risk management works</p> <p>Ensure consideration of existing defences on landscape and heritage grounds</p> <p>Seek opportunities to enhance features where appropriate</p>	Sub-regional	High	No	No	L2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			<ul style="list-style-type: none"> Marshes Special Landscape Area Defence structures are part of the landscape character and may have heritage value as are part of flood defence and land use history 							
Facilities for recreation, and associated business, including Allhallows Holiday Park, sailing club, access to beaches and foreshore (including for fishing and swimming) and River Thames	<ul style="list-style-type: none"> potential loss/ damage/ disruption to facilities and businesses through flooding potential loss/ damage/ disruption caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> water based recreation on the River Thames is regionally significant Recreation is important for quality of life Facilities can bring visitors to the area and therefore benefit the local economy Investment for individual owners 	<ul style="list-style-type: none"> Local, regional community and visitors 	<p>Prevent loss/ damage/ disruption to recreation and associated business from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Regional	Medium	No	Yes	R2
Public Footpaths, including along flood defence embankments south of A228.	<ul style="list-style-type: none"> potential loss or disruption through flooding potential loss or disruption caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> having access to the countryside and informal recreation (e.g. walking and cycling) is important for quality of life 	<ul style="list-style-type: none"> Local community and visitors 	<p>Prevent loss/ disruption to footpath from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	Yes	R3
2) Isle of Sheppey – Garrison Point to west of Minster										
Residential properties in Sheerness, Queenborough and Rushenden and on the edge of Minster	<ul style="list-style-type: none"> potential loss of life or injury through flooding potential loss of/ damage to housing through flooding devaluation of properties at risk and neighbouring property anxiety and stress to owners and occupiers at risk impact on local community potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> homes for people. Represents substantial investment for individual property owners. Note, although properties are of regional importance they are not yet built. loss of existing housing stock, alternatives would have to be found by individuals potential impacts 	<ul style="list-style-type: none"> Individual residents and local community 	<p>Prevent loss/ damage to residential properties from flooding or flood risk management works</p>	Regional	High	No	Yes	H2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			on community structure							
Commercial properties in Sheerness, Queenborough and Rushenden and on the edge of Minster	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to businesses through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, damage to property 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Individual business owners - local community and visitors 	Prevent loss/ damage to commercial properties from flooding or flood risk management works	Regional	High	No	Yes	C1
Community facilities in Sheerness, Queenborough and Rushenden and on the edge of Minster (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to facilities through flooding - impact on local community - potential impacts from flood risk management works e.g. disruption, damage to facilities 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from flooding or flood risk management works	Regional	High	No	Yes	H
Queenborough/ Rushenden regeneration	<ul style="list-style-type: none"> - Major redevelopment of the area between Queenborough and Rushenden, fronting the Swale. To provide circa 1500 properties and possibly a marina. Development will also include new commercial premises. There will be infrastructure associated with the development. - Potential impacts on area through flooding - Requirement for appropriate defences to protect new property 	Yes	<ul style="list-style-type: none"> - Homes for people and contribution to economy and employment - Large redevelopment site within Swale and the wider Thames Gateway 	<ul style="list-style-type: none"> - Local and regional community 	Prevent loss to redevelopment area (residential, commercial and associated infrastructure) through flooding	Regional	High	No	Yes	H2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Sheerness Port	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage/ disruption to site through flooding - potential disruption to navigation - potential impacts on associated business/ industries - potential impacts on deep water berths caused by changes in estuary system 	Yes	<ul style="list-style-type: none"> - Sheerness port is one of the UK's deep water ports, being particularly important for the importation of a wide range of products and raw materials, major contribution to commercial use of the River Medway - investment of owners - contribution to economy and employment - former Royal Naval Dockyard 	<ul style="list-style-type: none"> - Local, Regional, National and International Community 	Prevent loss/ damage/ disruption to Sheerness Port from flooding	International	Medium	No	No	F1
Major infrastructure e.g. A249 and A250, local roads, railway line, services and communications, electricity pylons	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through flooding 	Yes	<ul style="list-style-type: none"> - essential links for communities, businesses and industry. These links form the only connection from the island to the mainland and if severed will cause significant problems, especially for emergency and essential services 	<ul style="list-style-type: none"> - Local, regional and national community 	Prevent loss/ damage/ disruption to infrastructure from flooding	Sub-regional	High	No	No	F2
Structures/ ancillary infrastructure abandoned through flooding	<ul style="list-style-type: none"> - Health and Safety and environmental hazards caused by flooding/ abandonment of property and associated services 	No								
Richard Montgomery Wreck (off shore wreck with a large quantity of munitions still on board)	<ul style="list-style-type: none"> - If an incident resulting in an explosion were to occur the implications are unknown. Work is ongoing through the MoD to monitor/ investigate 	No								

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Agricultural Land at Minster Marshes	<ul style="list-style-type: none"> - potential loss of land, farms and farm buildings through flooding - impacts on farm businesses and viability - devaluation of land at risk - anxiety and stress to owners at risk 	Yes	<ul style="list-style-type: none"> - represents substantial investment for individual owners - loss of existing agricultural land stock, grades 3 and 4 - economy/ employment through farming - contribution to local community 	<ul style="list-style-type: none"> - Individual farmers and employees - Local community 	Prevent loss/ reduced potential of agricultural land from flooding	Local	High	Yes	Yes	C3
Public Footpaths and coastal path from Sheerness to Minster	<ul style="list-style-type: none"> - potential loss or disruption through flooding - potential loss or disruption caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - having access to the countryside and informal recreation (e.g. walking and cycling) is important for quality of life 	<ul style="list-style-type: none"> - Local and regional community and visitors 	Prevent loss/ disruption to footpath from flooding and flood risk management works Seek opportunities to enhance features where appropriate	Local	Medium	No	Yes	R3
Garrison Point fort and associated fortifications Barton Point battery	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - Garrison Point fort and associated fortifications are Scheduled Ancient Monuments - Barton Point battery is going through the process of becoming a Scheduled Ancient Monument 	<ul style="list-style-type: none"> - Local and National Community 	Prevent loss/ damage to SAMs and Barton Point battery from flooding and flood risk management works Seek opportunities to enhance features where appropriate	National	High	No	No	G2
Sheerness Town and Dockyard	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - Sheerness Dockyard is a Conservation Area and the Sheerness Defences are a Scheduled Ancient Monument - The urban area includes Conservation Areas - Heritage features contribute to the character of an area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local 	<ul style="list-style-type: none"> - Local and national community 	Prevent loss/ damage to area from flooding and flood risk management works Seek opportunities to enhance features where appropriate	National	High	No	No	G2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			economy							
Queenborough Conservation Area, including Queenborough Castle	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - Queenborough is a Conservation Area and Queenborough Castle is a Scheduled Ancient Monument - Heritage features contribute to the character of an area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local economy 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to Conservation Area and SAM from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	No	No	G2
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - The area has a high potential for heritage value 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to heritage from flooding and flood risk management works or implement appropriate mitigation measures, including preservation of evidence by record</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	No	G4
Facilities for recreation, and associated business, including yacht club, windsurfing, access to beaches and foreshore (including for fishing and swimming), camping and caravanning sites, public car parks, golf club	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to facilities and businesses through flooding - potential loss/ damage/ disruption caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - water based recreation on the River Medway is regionally significant - Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy - Investment for individual owners 	<ul style="list-style-type: none"> - Local, regional community and visitors 	<p>Prevent loss/ damage/ disruption to recreation and associated business from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Regional	Medium	No	Yes	R2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Coastal Grazing marsh habitat (including habitat on the flood defence embankments)	<ul style="list-style-type: none"> - potential loss of freshwater/ brackish habitat through flooding - potential opportunity to return to intertidal habitat - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - coastal grazing marsh is designated as Minster Marshes SNCI and Diggs and Sheppey Court Marshes SNCI (birds, plants and invertebrates in fields and ditches and in lagoons) - Much of Minster marshes is managed as a Country Park - coastal grazing marsh is a UK BAP priority habitat and hosts protected and BAP priority species e.g. water voles 	- Local, regional community and visitors	Promote biodiversity opportunities and avoid net loss of coastal grazing marsh and associated species from flooding and flood risk management works	Local	High	No	Yes	E4
Intertidal habitat	<ul style="list-style-type: none"> - potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - Priority BAP habitat and important for invertebrates and feeding wading birds - Recreational activities e.g. Wildfowling on the intertidal habitat 	- Local community and visitors	Promote biodiversity opportunities and avoid loss/ damage of intertidal habitat and associated species from coastal squeeze and flood risk management works	Local	High	No	Yes	E2
Landscape of the coast, marshes and urban areas, including existing flood defences	<ul style="list-style-type: none"> - potential degradation through flooding and associated impacts - potential adverse impacts caused by flood risk management measures e.g. construction of large sea defences 	Yes	<ul style="list-style-type: none"> - an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefits - Defence structures are part of the landscape character and may have heritage value as are part of flood defence and land use history 	- Local community and visitors	<p>Prevent degradation of landscape quality and visual amenity from flooding and flood risk management works</p> <p>Ensure consideration of existing defence features on landscape and heritage grounds</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	No	L3

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
3) Minster to Warden Point										
Cliff top residential properties at Minster, East End, Berryfield and West of Warden Point	<ul style="list-style-type: none"> - potential loss of/ damage to housing through erosion - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from erosion risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	<ul style="list-style-type: none"> - Individual residents and local community 	Prevent loss/ damage to residential properties from erosion or risk management works	Local	High	No	Yes	H2
Cliff top commercial properties – including local businesses and caravan and camping sites	<ul style="list-style-type: none"> - potential loss of/ damage to businesses through erosion - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from erosion risk management works e.g. disturbance, damage to property 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Individual business owners, local community and visitors 	Prevent loss/ damage to commercial properties from erosion or risk management works	Local	High	No	Yes	C3
Community facilities at Minster, East End, Berryfield and West of Warden Point (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of/ damage to facilities through erosion - impact on local community - potential impacts from erosion risk management works e.g. disruption, damage to facilities 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from erosion or risk management works	Local	High	No	Yes	H2
Major infrastructure e.g. local roads, bridges and tracks, services and communications	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through erosion 	Yes	<ul style="list-style-type: none"> - essential links for communities and businesses 	<ul style="list-style-type: none"> - Local and regional community 	Prevent loss/ damage/ disruption to infrastructure from erosion	Local	High	Yes	Yes	F3
Structures/ ancillary infrastructure abandoned	<ul style="list-style-type: none"> - Health and Safety and environmental hazards caused by erosion/ abandonment of property 	No								

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
through flooding	and associated services									
Cliff top agricultural land	<ul style="list-style-type: none"> - potential loss of land, farms and farm buildings through erosion - impacts on farm businesses and viability - devaluation of land at risk - anxiety and stress to owners at risk 	Yes	<ul style="list-style-type: none"> - represents substantial investment for individual owners - loss of existing agricultural land stock - economy/ employment through farming - contribution to local community 	<ul style="list-style-type: none"> - Individual farmers and employees - Local community 	Prevent loss/ reduced potential of agricultural land from erosion	Local	High	Yes	Yes	C3
Facilities for recreation on the foreshore and coastline	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to facilities and businesses through erosion - potential loss/ damage/ disruption caused by erosion risk management measures - potential loss of access to beach and foreshore 	Yes	<ul style="list-style-type: none"> - Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy - Investment for individual owners 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage/ disruption to recreation and associated business, including access to the foreshore, from erosion and risk management works Seek opportunities to enhance features where appropriate	Local	High	No	Yes	R3
Public Footpaths	<ul style="list-style-type: none"> - potential loss or disruption through erosion - potential loss or disruption caused by erosion risk management measures 	Yes	<ul style="list-style-type: none"> - having access to the countryside and informal recreation is important for quality of life 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ disruption to footpath from erosion and risk management works Seek opportunities to enhance features where appropriate	Local	Medium	No	Yes	R3
Sheppey Cliffs	<ul style="list-style-type: none"> - Continual erosion of cliffs is necessary for the designated interest (including exposing fossils) and intertidal habitats - Potential loss/ damage to geological features through erosion risk management works 	Yes	<ul style="list-style-type: none"> - Sheppey Cliffs and Foreshore is a SSSI, designated for geological and ecological (botanical) features - Habitat is also important for feeding wading birds and invertebrates - Minster Cliffs (immediately west of SSSI) is an SNCI 	<ul style="list-style-type: none"> - Local and national community 	Promote biodiversity opportunities and prevent loss/ damage to designated sites from erosion risk management works Absolutely no new defences	National	High	No	No	E1
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through erosion - potential loss/ damage caused by erosion risk management measures 	Yes	<ul style="list-style-type: none"> - the area has a high potential for heritage value 	<ul style="list-style-type: none"> - Local and national community 	Prevent loss/ damage to heritage from erosion and risk management works or implement appropriate mitigation measures, including preservation of evidence by record	Local	Medium	No	No	G4

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
					Seek opportunities to enhance features where appropriate					
Landscape of the coastline	<ul style="list-style-type: none"> - potential degradation through erosion and associated impacts - potential adverse impacts caused by erosion risk management measures 	Yes	<ul style="list-style-type: none"> - an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefits 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent degradation of landscape quality and visual amenity from erosion and risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	No	L3
4) Warden Point to Shellness										
Cliff top residential properties at Warden	<ul style="list-style-type: none"> - potential loss of/ damage to housing through erosion - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from erosion risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	<ul style="list-style-type: none"> - Individual residents and local community 	Prevent loss/ damage to residential properties from erosion or risk management works	Local	High	No	Yes	H2
Cliff top commercial properties – including local businesses and caravan and camping sites	<ul style="list-style-type: none"> - potential loss of/ damage to businesses through erosion - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from erosion risk management works e.g. disturbance, damage to property 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Individual business owners, local community and visitors 	Prevent loss/ damage to commercial properties from erosion or risk management works	Local	High	No	Yes	C3
Cliff top Community facilities at Warden (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of/ damage to facilities through erosion - impact on local community - potential impacts from erosion risk management works e.g. disruption, damage to facilities 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from erosion or risk management works	Local	High	No	Yes	H2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Residential properties in Warden, Leysdown-on-Sea and at Shellness	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to housing through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	<ul style="list-style-type: none"> - Individual residents and local community 	Prevent loss/ damage to residential properties from flooding or flood risk management works	Local	High	No	Yes	H2
Commercial properties in Warden and Leysdown-on-Sea including holiday villages and caravan and camping sites	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to businesses through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, damage to property 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Individual business owners - local community and visitors 	Prevent loss/ damage to commercial properties from flooding or flood risk management works	Local	High	No	Yes	C3
Community facilities in Warden and Leysdown-on-Sea (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to facilities through flooding - impact on local community - potential impacts from flood risk management works e.g. disruption, damage to facilities 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from flooding or flood risk management works	Local	High	No	Yes	H2
Major infrastructure e.g. local roads, tracks, services and communications	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through erosion and flooding 	Yes	<ul style="list-style-type: none"> - essential links for communities, businesses 	<ul style="list-style-type: none"> - Local community 	Prevent loss/ damage/ disruption to infrastructure from erosion and flooding	Local	High	Yes	Yes	F3
Structures/ ancillary infrastructure abandoned through flooding	<ul style="list-style-type: none"> - Health and Safety and environmental hazards caused by erosion/ flooding/ abandonment of property and associated services 	No								
Agricultural Land at Leysdown and Harty	<ul style="list-style-type: none"> - potential loss of land, farms and farm buildings through flooding 	Yes	<ul style="list-style-type: none"> - represents substantial investment for 	<ul style="list-style-type: none"> - Individual farmers and employees - Local community 	Prevent loss/ reduced potential of agricultural land from flooding	Local	High	Yes	Yes	C3

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
marshes	<ul style="list-style-type: none"> - impacts on farm businesses and viability - devaluation of land at risk - anxiety and stress to owners at risk - change in achievement of prescriptions for agri-environment payments 		<ul style="list-style-type: none"> - individual owners - loss of existing agricultural land stock - economy/ employment through farming - contribution to local community - much of the area is within the North Kent Marshes Environmental Sensitive Area (ESA) and is managed for wildlife, landscape and heritage benefit. Agri-environment payments are made to farmers. 	<ul style="list-style-type: none"> - National and international community in terms of management benefits for designated wildlife sites 						
Sheppey Cliffs	<ul style="list-style-type: none"> - Continual erosion of cliffs is necessary for the designated interest - Potential loss/ damage to geological features through erosion risk management works 	Yes	<ul style="list-style-type: none"> - Sheppey Cliffs and Foreshore is a SSSI, designated for geological and ecological (botanical) features 	<ul style="list-style-type: none"> - Local and national community 	Promote biodiversity opportunities and prevent loss/ damage to designated sites from erosion risk management works Absolutely no new defences	National	High	No	No	E2
Intertidal Habitat	<ul style="list-style-type: none"> - potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - Intertidal area between Sheppey Cliffs and foreshore SSSI and The Swale SSSI is important for birds - Intertidal area at Shellness is part of The Swale SSSI, SPA and Ramsar site (habitat for birds, plants and invertebrates) - Intertidal habitats are UK BAP priority habitats - Intertidal habitats support rare species and are important for fish - The grazing marsh of the Swale is of high quality and is 	<ul style="list-style-type: none"> - Local, national and international community 	Promote biodiversity opportunities and avoid net loss of intertidal habitat and associated species from coastal squeeze and flood risk management works	International	High	No	Yes	E1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			supporting growing numbers of birds. - Recreational activities e.g. Wildfowling on the intertidal habitat							
Coastal Grazing marsh habitat (including habitat on the flood defence embankments)	<ul style="list-style-type: none"> - potential loss of freshwater/ brackish habitat through flooding - potential opportunity to return to intertidal habitat - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - coastal grazing marsh is part of The Swale SSSI, SPA and Ramsar site (birds, plants and invertebrates in fields and ditches and on flood defence embankments) - coastal grazing marsh is a UK BAP priority habitat and hosts protected and BAP priority species e.g. water voles 	<ul style="list-style-type: none"> - Local, national and international community 	Promote biodiversity opportunities and avoid net loss of coastal grazing marsh and associated species from flooding and flood risk management works	International	High	No	Yes	E2
Facilities for recreation including car parks, public open space, Leysdown Country Park, access to the beach and foreshore	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to facilities and businesses through erosion/ flooding - potential loss/ damage/ disruption caused by erosion/ flood risk management measures - potential loss of access to the beach and foreshore 	Yes	<ul style="list-style-type: none"> - Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy - Investment for individual owners of associated businesses 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage/ disruption to recreation and associated business from erosion/ flooding/ risk management works Seek opportunities to enhance features where appropriate	Local	High	No	Yes	R3
Public Footpaths, including along coastline and flood defence embankments	<ul style="list-style-type: none"> - potential loss or disruption through erosion/ flooding - potential loss or disruption caused by risk management measures 	Yes	<ul style="list-style-type: none"> - having access to the countryside and informal recreation is important for quality of life 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ disruption to footpath from erosion/ flooding/ risk management works Seek opportunities to enhance features where appropriate	Local	Medium	No	Yes	R3
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through erosion/ flooding - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - the area has a high potential for heritage value 	<ul style="list-style-type: none"> - Local and national community 	Prevent loss/ damage to heritage from erosion/ flooding and risk management works or implement appropriate mitigation measures, including preservation of evidence by record Seek opportunities to enhance features where appropriate	Local	Medium	No	No	G4

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Landscape of the coast and marshes, including existing flood defences	<ul style="list-style-type: none"> - potential degradation through erosion/ flooding and associated impacts - potential adverse impacts caused by risk management measures e.g. construction of large sea defences 	Yes	<ul style="list-style-type: none"> - an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefit - The grazing marsh frontages are designated as Undeveloped Coast and are part of the North Kent Marshes Special Landscape Area - Defence structures are part of the landscape character and may have heritage value as are part of flood defence and land use history 	- Local community and visitors	<p>Prevent degradation of landscape quality and visual amenity from erosion/ flooding and risk management works</p> <p>Ensure consideration of existing defences on landscape and heritage grounds</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	No	L2
5) Faversham Creek to Seasalter (south Bank of Swale)										
Residential properties in Seasalter (including properties along Faversham Road and chalets at Seasalter which are seaward of current flood defence line)	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to housing through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	- Individual residents and local community	Prevent loss/ damage to residential properties from flooding or flood risk management works	Local	High	No	Yes	H2
Commercial properties – businesses in Seasalter including caravan park	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to businesses through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from flood 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	- Individual business owners, local community and visitors	Prevent loss/ damage to commercial properties from flooding or flood risk management works	Local	High	No	Yes	C3

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
	risk management works e.g. disturbance, damage to property									
Community facilities in Seasalter and scattered in marsh area (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to facilities through flooding - impact on local community - potential impacts from flood risk management works e.g. disruption, damage to facilities 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from flooding or flood risk management works	Local	High	No	Yes	H2
Major infrastructure e.g. local roads, main railway line (Main Kent Railway line), electricity pylons, services and communications	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through flooding 	Yes	<ul style="list-style-type: none"> - essential links for communities, businesses and industry - Potential for County Bridges on tidal waterways to be flooded e.g. Brent Swing Bridge over Faversham Creek 	<ul style="list-style-type: none"> - Local and regional community 	Prevent loss/ damage/ disruption to infrastructure from flooding	Sub-regional	High	No	Yes	F2
Structures/ ancillary infrastructure abandoned through flooding	<ul style="list-style-type: none"> - Health and Safety and environmental hazards caused by flooding/ abandonment of property and associated services 	No								
Agricultural Land at Nagden, Graveney and Cleve marshes and at Seasalter Level	<ul style="list-style-type: none"> - potential loss of land, farms and farm buildings through flooding - impacts on farm businesses and viability - devaluation of land at risk - anxiety and stress to owners at risk - change in achievement of prescriptions for agri-environment payments 	Yes	<ul style="list-style-type: none"> - represents substantial investment for individual owners - loss of existing agricultural land stock - economy/ employment through farming - contribution to local community - much of the area is within the North Kent Marshes Environmental Sensitive Area (ESA) and is managed for wildlife, landscape 	<ul style="list-style-type: none"> - Individual farmers and employees - Local community - National and international community in terms of management benefits for designated wildlife sites 	Prevent loss/ reduced potential of agricultural land from flooding	Local	High	Yes	Yes	C3

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			and heritage benefit. Agri-environment payments are made to farmers.							
Proposed offshore London Array windfarm off Graveney/ Seasalter	<ul style="list-style-type: none"> - Location of cabling where it comes ashore at Graveney will need to be considered. Substation will be located on Cleve Hill - Potential damage to infrastructure through flooding/ risk management measures. Potential loss of power to national grid - Likewise, integrity of sea defences and environment at the site needs to be maintained 	Yes	<ul style="list-style-type: none"> - Contribution to energy requirements - Investment for owner 	<ul style="list-style-type: none"> - Individual owner, local and regional community 	Prevent damage to infrastructure from flooding/ risk management works and vice versa Provision of information regarding flood risk to enable best siting/ design	National	High	No	Yes	C2
Shellfish beds on foreshore and associated business	<ul style="list-style-type: none"> - potential loss of/ damage to beds and business through flooding - anxiety and stress to owners at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, damage 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Individual business owners, local community and visitors 	Prevent loss/ damage to shellfish beds and associated business from flooding or flood risk management works	Sub-regional	High	No	No	C2
Intertidal Habitat	<ul style="list-style-type: none"> - potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - Intertidal area is part of The Swale SSSI, SPA and Ramsar site (habitat for birds, plants and invertebrates) - South Swale is a Local Nature Reserve - Intertidal habitats are UK BAP priority habitats - Intertidal habitats support rare species and are important for fish - Seals (BAP species) haul out on Horse Sands - Castle Cote shingle spit is important for 	<ul style="list-style-type: none"> - Local, national and international community 	Promote biodiversity opportunities and avoid net loss of intertidal habitat and associated species from coastal squeeze and flood risk management works	International	High	No	Yes	E1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			<ul style="list-style-type: none"> - breeding little terns - Habitats include seagrass beds and vegetated shingle - Recreational activities e.g. Wildfowling on the Intertidal Habitat 							
Coastal Grazing marsh habitat (including habitat on the flood defence embankments)	<ul style="list-style-type: none"> - potential loss of freshwater/ brackish habitat through flooding - potential opportunity to return to intertidal habitat - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - coastal grazing marsh is part of The Swale SSSI, SPA and Ramsar site (birds, plants and invertebrates in fields and ditches and on flood defence embankments) - South Swale is a Nature Reserve - Graveney Dykes and Pasture (upstream of railway line) is a SNCI - coastal grazing marsh is a UK BAP priority habitat and hosts protected and BAP priority species e.g. water voles 	<ul style="list-style-type: none"> - Local, national and international community 	Promote biodiversity opportunities and avoid net loss of coastal grazing marsh and associated species from flooding and flood risk management works	International	High	No	Yes	E2
Public Footpaths, including Saxon Shore Way along flood defence embankments	<ul style="list-style-type: none"> - potential loss or disruption through flooding - potential loss or disruption caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - having access to the countryside and informal recreation is important for quality of life - The Saxon Shore Way is a long distance footpath between Gravesend and Rye 	<ul style="list-style-type: none"> - Local, regional community and visitors 	<p>Prevent loss/ disruption to footpath from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	Yes	R3
Medieval Salterns near Monkshill (within agricultural land)	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - The salterns are a Scheduled Ancient Monument 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to SAM from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	No	No	G2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - the area has high potential for heritage value 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to heritage from flooding and flood risk management works or implement appropriate mitigation measures, including preservation of evidence by record</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	No	G4
Landscape of The Swale and marshes, including existing flood defences	<ul style="list-style-type: none"> - potential degradation through flooding and associated impacts - potential adverse impacts caused by flood risk management measures e.g. construction of large sea defences 	Yes	<ul style="list-style-type: none"> - an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefit - The grazing marsh frontages are designated as Undeveloped Coast and are part of the North Kent Marshes Special Landscape Area - Defence structures are part of the landscape character and may have heritage value as are part of flood defence and land use history 	<ul style="list-style-type: none"> - Local and national community and visitors 	<p>Prevent degradation of landscape quality and visual amenity from flooding and flood risk management works</p> <p>Ensure consideration of existing defences on landscape and heritage grounds</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	No	L2
Facilities for recreation, including sailing club, access to the beach and foreshore	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to facilities and businesses through flooding - potential loss/ damage/ disruption caused by flood risk management measures - potential loss of access to the beach and foreshore 	Yes	<ul style="list-style-type: none"> - Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy - Investment for individual owners 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent loss/ damage/ disruption to recreation and associated business from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	Yes	R3
6) Seasalter, Whitstable and Herne Bay										
Residential properties at Seasalter, Whitstable, Swalecliffe,	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to housing through flooding - devaluation of properties at 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property 	<ul style="list-style-type: none"> - Individual residents and local community 	<p>Prevent loss/ damage to residential properties from flooding or flood risk management works</p>	Regional	High	No	Yes	H1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Studd Hill and Herne Bay	<ul style="list-style-type: none"> - risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 		<ul style="list-style-type: none"> - owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 							
Cliff top residential properties at Tankerton, Studd Hill and Herne Bay	<ul style="list-style-type: none"> - potential loss of/ damage to housing through erosion - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from erosion risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	- Individual residents and local community	Prevent loss/ damage to residential properties from erosion or risk management works	Regional	High	No	Yes	H1
Commercial properties – businesses at Seasalter, Whitstable, Swalecliffe, Tankerton, Studd Hill and Herne Bay	<ul style="list-style-type: none"> - potential loss of life or injury through erosion/ flooding - potential loss of/ damage to businesses through erosion/ flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from erosion/ flood risk management works e.g. disturbance, damage to property 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	- Individual business owners, local community and visitors	Prevent loss/ damage to commercial properties from erosion/ flooding/ risk management works	Regional	High	No	Yes	C1
Community facilities at Seasalter, Whitstable, Swalecliffe, Tankerton, Studd Hill and Herne Bay (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of life or injury through erosion/ flooding - potential loss of/ damage to facilities through erosion/ flooding - impact on local community - potential impacts from risk management works e.g. disruption, damage to facilities 	Yes	- contribution to local community	- Local community and visitors	Prevent loss/ damage to community facilities from erosion/ flooding/ risk management works	Regional	High	No	Yes	H1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Whitstable Harbour and Herne Bay Harbour and associated facilities and businesses	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage/ disruption to site through flooding - potential impacts on associated business/ industries 	Yes	<ul style="list-style-type: none"> - Contribution to commercial use of the area - investment of owners - contribution to economy and employment 	- Local, Regional Community	Prevent loss/ damage/ disruption to Harbours from flooding	Regional	High	No	Yes	C2
Shellfish beds on foreshore and associated business	<ul style="list-style-type: none"> - potential loss of/ damage to beds and business through flooding - anxiety and stress to owners at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, damage 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	- Individual business owners, local community and visitors	Prevent loss/ damage to shellfish beds and associated business from flooding or flood risk management works	Sub-regional	High	No	No	C2
Intertidal habitat	<ul style="list-style-type: none"> - potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - potential loss/ damage caused by risk management works 	Yes	<ul style="list-style-type: none"> - area at Swalecliffe is part of the Thanet Coast and Sandwich Bay SPA, Ramsar and SSSI - Habitat is important for invertebrates and feeding wading birds - The Street at Whitstable is an important fossil site - Recreational activities e.g. Wildfowling on the Intertidal habitat 	- Local, national and international community and visitors	Promote biodiversity opportunities and avoid loss/ damage of intertidal habitat and associated species from coastal squeeze and risk management works	International	High	No	Yes	E1
Major infrastructure e.g. local roads, main railway line, Swalecliffe Sewage Treatment works, services and communications	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through erosion/ flooding 	Yes	<ul style="list-style-type: none"> - essential links for communities, businesses 	- Local and regional community	Prevent loss/ damage/ disruption to infrastructure from erosion/ flooding	Sub-regional	High	Yes	Yes	F2
Structures/ ancillary infrastructure abandoned through flooding	<ul style="list-style-type: none"> - Health and Safety and environmental hazards caused by erosion/ flooding/ abandonment of property and associated services 	No								

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Public footpaths, including the Saxon Shore Way and Wantsum walk along coastline	<ul style="list-style-type: none"> - potential loss or disruption through erosion/ flooding - potential loss or disruption caused by risk management measures 	Yes	<ul style="list-style-type: none"> - having access to the countryside and informal recreation is important for quality of life - The Saxon Shore Way is a long distance footpath from Gravesend to Rye 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent loss/ disruption to footpath from erosion/ flooding/ risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	Yes	R3
Facilities for recreation including moorings, yacht club, golf course, car parks, public open spaces, access to the beach and foreshore	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to facilities and businesses through erosion/ flooding - potential loss/ damage/ disruption caused by risk management measures - potential loss of access to the beach and foreshore - proposed Whitstable Centre for watersports 	Yes	<ul style="list-style-type: none"> - Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy - Investment for individual owners 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent loss/ damage/ disruption to recreation and associated business from erosion/ flooding/ risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	Yes	R2
Whitstable Town Conservation Area	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - Whitstable Town is a Conservation Area - Heritage features contribute to the character of an area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local economy 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to Conservation Area from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	No	Yes	G2
Herne Bay Conservation Area	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - Parts of Herne Bay are a Conservation Area - Heritage features contribute to the character of an area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local economy 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to Conservation Area from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	No	Yes	G2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - the area has high potential for heritage value 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to heritage from flooding and flood risk management works or implement appropriate mitigation measures, including preservation of evidence by record</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	No	G4
Landscape of the towns and coastline, including existing flood defences	<ul style="list-style-type: none"> - potential degradation caused by erosion/ flooding and associated impacts - potential adverse impacts caused by risk management measures e.g. construction of large sea defences 	Yes	<ul style="list-style-type: none"> - an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefits - Defence structures are part of the landscape character and may have heritage value as are part of flood defence and land use history 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent degradation of landscape quality and visual amenity from flooding and flood risk management works</p> <p>Ensure consideration of existing defences on landscape and heritage grounds</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	No	L3
Intertidal Habitat along this frontage, through Whitstable to Herne Bay	<ul style="list-style-type: none"> - potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - Intertidal area is part of The Swale SSSI, SPA and Ramsar site (habitat for birds, plants and invertebrates) - Intertidal habitats are UK BAP priority habitats - Intertidal habitats support rare species and are important for fish 	<ul style="list-style-type: none"> - Local, national and international community 	<p>Promote biodiversity opportunities and avoid net loss of intertidal habitat and associated species from coastal squeeze and flood risk management works</p>	International	High	No	Yes	E1
Tankerton Slopes	<ul style="list-style-type: none"> - Potential loss of features through erosion - Potential loss/ damage to features through erosion risk management works 	Yes	<ul style="list-style-type: none"> - Tankerton Slopes is a SSSI, designated for ecological (botanical) features 	<ul style="list-style-type: none"> - Local and national community 	<p>Promote biodiversity opportunities and prevent loss/ damage to designated site from erosion and risk management works</p>	National	High	No	No	E1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Long Rock, Tankerton	<ul style="list-style-type: none"> - Potential loss of features through erosion - Potential loss/ damage to features through erosion/ flood risk management works 	Yes	<ul style="list-style-type: none"> - Long Rock, Tankerton, is a RIGS (Regionally Important Geological site) 	<ul style="list-style-type: none"> - Local and regional community 	<p>Prevent loss/ damage to designated site from erosion and risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Regional	High	No	No	E3
Coastal habitat at Swalecliffe	<ul style="list-style-type: none"> - Potential loss of features through flooding - Potential loss/ damage to features through flood risk management works 	Yes	<ul style="list-style-type: none"> - This habitat is part of the Thanet Coast SSSI, and Thanet Coast and Sandwich Bay SPA and Ramsar site (habitat for birds, plants and invertebrates) 	<ul style="list-style-type: none"> - Local, national and international community 	<p>Promote biodiversity opportunities and prevent loss/ damage to designated site from flooding/ risk management works</p>	International	High	No	No	E1
7) Bishopstone to Minnis Bay										
Residential properties at Reculver and at the edge of villages in marsh area	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to housing through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	<ul style="list-style-type: none"> - Individual residents and local community 	<p>Prevent loss/ damage to residential properties from flooding or flood risk management works</p>	Local	High	No	Yes	H2
Commercial properties – businesses at Reculver and caravan and camping sites	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to businesses through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, damage to property 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Individual business owners, local community and visitors 	<p>Prevent loss/ damage to commercial properties from flooding or flood risk management works</p>	Local	High	No	Yes	C3
Seasalter Shellfish Hatchery/ Nursery on Sea Wall at Reculver	<ul style="list-style-type: none"> - potential loss of/ damage to businesses through flooding - devaluation of properties at risk and neighbouring property 	Yes	<ul style="list-style-type: none"> - Britain's biggest shellfish nursery, plans for further expansion - Site is also 	<ul style="list-style-type: none"> - Individual business owners, local community and visitors 	<p>Prevent loss/ damage to shellfish hatchery/ nursery from flooding or risk management works</p>	Sub-regional	High	No	No	C2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
	<ul style="list-style-type: none"> - anxiety and stress to owners at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, damage to property 		important for wildlife							
Community facilities at Reculver and scattered in marsh area (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to facilities through flooding - impact on local community - potential impacts from flood risk management works e.g. disruption, damage to facilities 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from flooding or flood risk management works	Local	High	No	Yes	H2
Agricultural Land at Wade marsh and Chislet marshes	<ul style="list-style-type: none"> - potential loss of land, farms and farm buildings through flooding - impacts on farm businesses and viability - devaluation of land at risk - anxiety and stress to owners at risk 	Yes	<ul style="list-style-type: none"> - represents substantial investment for individual owners - loss of existing agricultural land stock - economy/ employment through farming - contribution to local community 	<ul style="list-style-type: none"> - Individual farmers and employees - Local community 	Prevent loss/ reduced potential of agricultural land from flooding	Local	High	Yes	Yes	C3
Major infrastructure e.g. A299, local roads, railway line, electricity pylons, services and communications	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through flooding 	Yes	<ul style="list-style-type: none"> - essential links along the North Kent coast for communities, businesses, industry 	<ul style="list-style-type: none"> - Local and regional community 	Prevent loss/ damage/ disruption to infrastructure from flooding	Sub-regional	High	Yes	Yes	F2
Structures/ ancillary infrastructure abandoned through flooding	<ul style="list-style-type: none"> - Health and Safety and environmental hazards caused by flooding/ abandonment of property and associated services 	No								
Recreation facilities and associated business, including Reculver Country Park, car parking,	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to facilities and businesses through flooding - potential loss/ damage/ disruption caused by flood risk management measures - potential loss of access to beach and foreshore 	Yes	<ul style="list-style-type: none"> - Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent loss/ damage/ disruption to recreation and associated business from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Sub-regional	High	No	Yes	R2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
access to the beach and foreshore			<ul style="list-style-type: none"> - Investment for individual owners 							
Public footpaths, including Saxon Shore Way and Wantsum Walk along coastline	<ul style="list-style-type: none"> - potential loss or disruption through flooding - potential loss or disruption caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - having access to the countryside and informal recreation is important for quality of life - The Saxon Shore Way is a long distance footpath from Gravesend to Rye - Sustrans cycle route along coastal sections from Reculver to Pegwell Bay - Kent Wildlife Trust have a coastal interpretive visitor centre at Reculver, this is important for raising awareness and education 	<ul style="list-style-type: none"> - Local, regional community and visitors 	<p>Prevent loss/ disruption to footpath from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	Yes	R3
Intertidal and Coastal Habitat	<ul style="list-style-type: none"> - potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - Potential loss of features through flooding - Potential loss/ damage to features through flood risk management works 	Yes	<ul style="list-style-type: none"> - This habitat is part of the Thanet Coast SSSI, and Thanet Coast and Sandwich Bay SPA and Ramsar site (habitat for birds, plants and invertebrates) - Intertidal habitats are UK BAP priority habitats - Intertidal habitats support rare species and are important for fish - Recreational activities e.g. Wildfowling 	<ul style="list-style-type: none"> - Local, national and international community 	<p>Promote biodiversity opportunities and avoid net loss of intertidal and coastal habitat and associated species from coastal squeeze and flood risk management works</p>	International	High	No	No	E1
Coastal Grazing marsh habitat	<ul style="list-style-type: none"> - potential loss of freshwater/ brackish habitat through flooding - potential opportunity to return to intertidal habitat - potential loss/ damage 	Yes	<ul style="list-style-type: none"> - the drainage dykes are part of Chislet marshes and Sarre Penn SNCI - coastal grazing marsh is a UK BAP 	<ul style="list-style-type: none"> - Local, national and international community 	<p>Promote biodiversity opportunities and avoid net loss of coastal grazing marsh and associated species from flooding and flood risk management works</p>	International	High	No	Yes	E2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
	caused by flood risk management works		priority habitat and hosts protected and BAP priority species e.g. water voles							
Reculver	<ul style="list-style-type: none"> - potential loss through flooding/ erosion - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - Reculver is a Conservation Area and the Reculver Roman Fort and Towers is a Scheduled Ancient Monument There is a twin fort at Richborough and these both defended the Wantsum channel - Heritage features contribute to the character of an area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local economy 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to Conservation Area and SAM from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	No	No	G2
Chislet marshes	<ul style="list-style-type: none"> - potential loss through flooding/ erosion - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - There are Conservation Areas at Chislet, Highstead and Hoath - Heritage features contribute to the character of an area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local economy 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to Conservation Areas from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	No	No	G2
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - the area has high potential for heritage value 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to heritage from flooding and flood risk management works or implement appropriate mitigation measures, including preservation of evidence by record</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	No	G4

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Landscape of the coastline and marshes, including existing defences	<ul style="list-style-type: none"> - potential degradation caused by flooding and associated impacts - potential adverse impacts caused by flood risk management measures e.g. construction of large sea defences 	Yes	<ul style="list-style-type: none"> - an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefits - this area is designated as Undeveloped Coast and as an Area of High Landscape Value - Defence structures are part of the landscape character and may have heritage value as are part of flood defence and land use history 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent degradation of landscape quality and visual amenity from erosion/ flooding and risk management works</p> <p>Ensure consideration of existing defences on landscape and heritage grounds</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	No	L3
8) Minnis Bay to Pegwell Bay										
Residential properties at Birchington, Margate, Broadstairs and Ramsgate	<ul style="list-style-type: none"> - potential loss of life or injury through erosion (and flooding in central Margate) - potential loss of/ damage to housing through erosion/ flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from erosion/ flood risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	<ul style="list-style-type: none"> - Individual residents and local community 	Prevent loss/ damage to residential properties from erosion/ flooding or risk management works	Regional	High	No	Yes	H1
Commercial properties – businesses at Birchington, Margate, Broadstairs and Ramsgate	<ul style="list-style-type: none"> - potential loss of life or injury through erosion (and flooding in central Margate) - potential loss of/ damage to businesses through erosion/ flooding - devaluation of properties at risk and neighbouring 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Individual business owners, local community and visitors 	Prevent loss/ damage to commercial properties from erosion/ flooding or flood risk management works	Regional	High	No	Yes	C2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
	<ul style="list-style-type: none"> - property anxiety and stress to owners at risk - impact on local community - potential impacts on regeneration objectives for local area - potential impacts from risk management works e.g. disturbance, damage to property 									
Community facilities at Birchington, Margate, Broadstairs and Ramsgate (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of life or injury through erosion (and flooding in central Margate) - potential loss of/ damage to facilities through flooding - impact on local community - potential impacts from flood risk management works e.g. disruption, damage to facilities 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from flooding or flood risk management works	Regional	High	No	Yes	H1
Major infrastructure e.g. local roads, railway line, sewage treatment works, services and communications	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through erosion/ flooding 	Yes	<ul style="list-style-type: none"> - essential links for communities, businesses and industry 	<ul style="list-style-type: none"> - Local and regional community 	Prevent loss/ damage/ disruption to infrastructure from erosion/ flooding	Sub-regional	High	Yes	Yes	F3
Former Lloyds hoverport site	<ul style="list-style-type: none"> - Potential damage through flooding - Potential release of contamination through flooding/ risk management works - Potential opportunity for habitat creation 	Yes and No	<ul style="list-style-type: none"> - potential contamination could affect the environment, including the internationally designated conservation sites - Danger of loss of a future tourist facility and its contribution to the East Kent National Park Proposal 	<ul style="list-style-type: none"> - Local, regional, national and international community 	<p>Take account of potential pollution risks from former hoverport site</p> <p>Take account of potential habitat creation opportunities</p>	Local	High	Yes	Yes	C3
Structures/ ancillary infrastructure abandoned through flooding	<ul style="list-style-type: none"> - Health and Safety and environmental hazards caused by flooding/ abandonment of property and associated services 	No								

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Thanet offshore windfarm export cable.	<ul style="list-style-type: none"> - Potential loss of power to national grid - Potential damage to cable 	Yes	<ul style="list-style-type: none"> - Power for national grid 	<ul style="list-style-type: none"> - National community 	Prevent damage to cable from erosion / flooding / risk management works.	National	High	Yes	Yes	F2
Public footpaths, cycleways, including Viking Coastal Trail	<ul style="list-style-type: none"> - potential loss or disruption through erosion - potential loss or disruption caused by risk management measures 	Yes	<ul style="list-style-type: none"> - having access to the countryside and informal recreation is important for quality of life - Sustrans cycle route along coastal sections from Pegwell Bay to Reculver 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent loss/ disruption to footpath from erosion and risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	Yes	R3
Beaches	<ul style="list-style-type: none"> - Potential loss of beaches, access to beaches and associated facilities through coastal squeeze/ erosion/ flooding - Potential loss or/ damage to businesses - Potential impacts on regeneration objectives for area - Potential loss/ damage/ disruption caused by risk management measures 	Yes	<ul style="list-style-type: none"> - The beaches are classified as undeveloped, intermediate and major holiday beaches (3 no. at Margate, Broadstairs and Ramsgate) - investment of individual owners (of associated businesses and facilities) - contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Local, regional community and visitors 	<p>Prevent loss/ damage/ disruption to beaches and associated facilities/ businesses from erosion/ flooding and risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Regional	High	No	No	R1
Facilities for recreation and associated business, including cliff top amenity grassland, access to the beaches and foreshore, piers and esplanades, marinas and moorings at Margate Harbour and Ramsgate Harbour.	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to facilities and businesses through erosion/ flooding - potential loss/ damage/ disruption caused by risk management measures - potential loss of access to beach and foreshore 	Yes	<ul style="list-style-type: none"> - Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy - Investment for individual owners - Boats on passage to the Thames "put in" at Ramsgate, to work the tides 	<ul style="list-style-type: none"> - Local, regional and national community and visitors 	<p>Prevent loss/ damage/ disruption to recreation and associated business from erosion/ flooding and risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Sub-regional	High	No	No	R2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Ramsgate Port	<ul style="list-style-type: none"> - Expansion of Port of Ramsgate as Kent's second cross Chanel port and continued investment - potential loss of life or injury through flooding - potential loss of/ damage/ disruption to site through flooding - potential impacts on associated business/ industries 	Yes	<ul style="list-style-type: none"> - Ramsgate is an important commercial port and has passenger ferries - investment of owners - contribution to economy and employment 	<ul style="list-style-type: none"> - Local, Regional, National and International Community 	Prevent loss/ damage/ disruption to Ramsgate Port from flooding	International	Medium	Yes	No	F1
Pegwell Bay	<ul style="list-style-type: none"> - Potential loss of features through erosion/ flooding - Potential loss/ damage to features through erosion/ flood risk management works 	Yes	<ul style="list-style-type: none"> - Pegwell Bay is a RIGS (Regionally Important Geological site) 	<ul style="list-style-type: none"> - Local and regional community 	<p>Prevent loss/ damage to designated site from erosion/ flooding and risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Regional	High	No	No	E3
Marine, Intertidal and associated Habitats	<ul style="list-style-type: none"> - potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - potential loss of area through flooding - potential loss/ damage caused by erosion risk management works - 75% of site currently affected by existing defences, potential opportunity for small scale removal of defences - potential loss/ disturbance to important high tide bird roosts 	Yes	<ul style="list-style-type: none"> - The chalk reefs and sea caves are designated as the Thanet Coast marine SAC - The area is also designated as the Thanet Coast and Sandwich Bay SPA and Ramsar site, and as the Thanet Coast SSSI - Habitats are UK priority BAP habitats 	<ul style="list-style-type: none"> - Local, national and international community 	Promote biodiversity opportunities and prevent loss/ damage to marine, intertidal and associated habitats from coastal squeeze, flooding and flood/ erosion risk management works	International	High	No	No	E1
Golf Course Roughs, Kingsate	<ul style="list-style-type: none"> - potential loss of habitat through erosion - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - The roughs of North Foreland Golf Course are designated as a SNCI (chalk grassland interest (plants and invertebrates)) 	<ul style="list-style-type: none"> - Local community 	Promote biodiversity opportunities and prevent loss/ damage to habitat from erosion and risk management works	Local	High	Yes	Yes	E4
Ramsgate Conservation Area, including Ramsgate Royal Harbour	<ul style="list-style-type: none"> - potential loss through erosion - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - Ramsgate Royal Harbour is listed and the focus of the Conservation Area - Heritage features contribute to the character of an 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to Conservation Area from erosion and risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	Yes	No	G2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local economy							
Pegwell Conservation Area	<ul style="list-style-type: none"> - potential loss through erosion - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - Pegwell, Ramsgate, is a Conservation Area - Heritage features contribute to the character of an area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local economy 	<ul style="list-style-type: none"> - Local and national community 	Prevent loss/ damage to Conservation Area from erosion and risk management works Seek opportunities to enhance features where appropriate	National	High	Yes	No	G2
Margate Old Town and Harbour	<ul style="list-style-type: none"> - potential loss through erosion/ flooding - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - There are Conservation Areas within Margate - Heritage features contribute to the character of an area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local economy 	<ul style="list-style-type: none"> - Local and national community 	Prevent loss/ damage to Conservation Area from erosion/ flooding and risk management works Seek opportunities to enhance features where appropriate	National	High	Yes	No	G2
Broadstairs Conservation Area	<ul style="list-style-type: none"> - potential loss through erosion - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - Parts of Broadstairs are a Conservation Area - Heritage features contribute to the character of an area and are enjoyed by local community, they can also attract visitors to the area and therefore benefit the local economy 	<ul style="list-style-type: none"> - Local and national community 	Prevent loss/ damage to Conservation Area from flooding and flood risk management works Seek opportunities to enhance features where appropriate	National	High	Yes	No	G2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through erosion/ flooding - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - the area has high potential for heritage value 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to heritage from erosion/ flooding and risk management works or implement appropriate mitigation measures, including preservation of evidence by record</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	No	G4
Major infrastructure e.g. Ramsgate Harbour Access Tunnel	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through erosion/ flooding 	Yes	<ul style="list-style-type: none"> - essential links for communities, businesses and industry 	<ul style="list-style-type: none"> - Local and regional community 	<p>Prevent loss/ damage/ disruption to infrastructure from erosion/ flooding</p>	Sub-regional	High	Yes	Yes	F3
Landscape of the coastline and urban seafronts, including existing defences	<ul style="list-style-type: none"> - potential degradation caused by flooding and associated impacts - potential adverse impacts caused by flood risk management measures e.g. construction of large sea defences 	Yes	<ul style="list-style-type: none"> - an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefits - Parts of the towns are designated as Areas of high Townscape value - North Foreland and Palm Bay are designated as Undeveloped Coast - Defence structures are part of the landscape character and may have heritage value as are part of flood defence and land use history 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent degradation of landscape quality and visual amenity from erosion/ flooding and risk management works</p> <p>Ensure consideration of existing defences on landscape and heritage grounds</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	No	L3
9) Pegwell Bay to Sandown Castle										
Residential properties on edge of Cliffs End, in Sandwich and the Sandwich Bay estate	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to housing through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by 	<ul style="list-style-type: none"> - Individual residents and local community 	<p>Prevent loss/ damage to residential properties from flooding or flood risk management works</p>	Local	High	No	Yes	H2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
	<ul style="list-style-type: none"> - potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 		<ul style="list-style-type: none"> - individuals potential impacts on community structure 							
Commercial properties – businesses on edge of Cliffs End and in Sandwich	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to businesses through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, damage to property 	Yes	<ul style="list-style-type: none"> - investment of individual owners - contribution to local economy and employment - contribution to local community 	<ul style="list-style-type: none"> - Individual business owners, local community and visitors 	Prevent loss/ damage to commercial properties from flooding or flood risk management works	Local	High	No	Yes	C3
Community facilities on edge of Cliffs End and in Sandwich (such as churches, pubs, shops, schools, village halls)	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to facilities through flooding - impact on local community - potential impacts from flood risk management works e.g. disruption, damage to facilities 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from flooding or flood risk management works	Local	High	No	Yes	H2
Industry along A256 and in Sandwich, including Pfizers and Richborough Port	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage/ disruption to industrial sites through flooding - impacts on future development and regeneration aims 	Yes	<ul style="list-style-type: none"> - Pfizers is an international pharmaceutical company, employing approximately 4000 people - Contribution to economy and employment - Investment of owners 	<ul style="list-style-type: none"> - Local, Regional and National Community 	Prevent loss/ damage/ disruption to industrial areas from flooding	National	High	No	Yes	C1
Major infrastructure e.g. A256, A257, railway line and stations, local roads, Sewage Treatment works, electricity pylons, services and communications	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to infrastructure through flooding 	Yes	<ul style="list-style-type: none"> - essential links for communities, businesses and industry 	<ul style="list-style-type: none"> - Local and regional community 	Prevent loss/ damage/ disruption to infrastructure from flooding	Sub-regional	High	Yes	Yes	F2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Structures/ ancillary infrastructure abandoned through flooding	- Health and Safety and environmental hazards caused by flooding/ abandonment of property and associated services	No								
Intertidal Habitat at Pegwell Bay, Sandwich Flats and along tidal River Stour	- potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - potential loss/ damage caused by flood risk management works	Yes	- Intertidal area is part of the Thanet Coast and Sandwich Bay SPA and Ramsar site, and Sandwich Bay to Hacklinge marshes SSSI - Intertidal habitats are UK BAP priority habitats - Intertidal habitats support rare species and are important for fish - This area is very important for the Golden Plover and many other waders - Commercial cockle harvesting takes place in Pegwell Bay - Recreational activities e.g. Wildfowling	- Local, national and international community	Promote biodiversity opportunities and avoid net loss of intertidal habitat and associated species from coastal squeeze and flood risk management works	International	High	No		E1
Sand dune habitat	- potential loss of freshwater/ brackish habitat through flooding - potential loss/ damage caused by flood risk management works e.g. shingle placement	Yes	- The sand dunes are designated as the Sandwich Bay SAC (priority habitat) and Sandwich Bay to Hacklinge marshes SSSI (important for birds, plants and invertebrates) - Pegwell Bay is a National Nature Reserve and Country Park - There is a bird observatory at	- Local, national and international community	Promote biodiversity opportunities and prevent loss/ damage to coastal grazing marsh and associated species from flooding and flood risk management works	International	High	No	No	E1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			Sandwich Bay							
Grazing marsh habitat	<ul style="list-style-type: none"> - potential loss of freshwater/ brackish habitat through flooding - potential opportunity to return to intertidal habitat - potential loss/ damage caused by flood risk management works 	Yes	<ul style="list-style-type: none"> - areas of the grazing marsh are designated as the Sandwich Bay and Hacklinge marshes SSSI - Ash Level and South Richborough Pasture is an SNCI there are nature reserves at Gazen Salts recreation ground (Sandwich) and Pfizer's Monks Wall Nature Reserve - coastal grazing marsh is a UK BAP priority habitat and hosts protected and BAP priority species e.g. water voles 	<ul style="list-style-type: none"> - Local, national and international community 	Promote biodiversity opportunities and avoid net loss of coastal grazing marsh and associated species from flooding and flood risk management works	International	High	No	Yes	E2
Agricultural Land, including Minster marshes	<ul style="list-style-type: none"> - potential loss of land, farms and farm buildings through flooding - impacts on farm businesses and viability - devaluation of land at risk - anxiety and stress to owners at risk 	Yes	<ul style="list-style-type: none"> - represents substantial investment for individual owners - loss of existing agricultural land stock - economy/ employment through farming - contribution to local community 	<ul style="list-style-type: none"> - Individual farmers and employees - Local community 	Prevent loss/ reduced potential of agricultural land from flooding	Local	High	Yes	Yes	C3
Facilities for recreation and associated business, including moorings and slipways, access to foreshore and river (including for fishing)	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to facilities and businesses through flooding - potential loss/ damage/ disruption caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy - Investment for individual owners 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent loss/ damage/ disruption to recreation and associated business from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	Yes	R3

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Public footpaths, including Saxon Shore Way along shoreline	<ul style="list-style-type: none"> - potential loss or disruption through flooding - potential loss or disruption caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - having access to the countryside and informal recreation (walking and cycling) is important for quality of life - The Saxon Shore Way is a long distance footpath between Gravesend and Rye 	<ul style="list-style-type: none"> - Local and regional community and visitors 	<p>Prevent loss/ disruption to footpath from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	Yes	R3
Golf Links Courses	<ul style="list-style-type: none"> - Potential loss, damage or disruption through flooding - Potential loss or disruption caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - Royal St Georges has hosted the British Open Championship Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy - Investment for individual owners 	<ul style="list-style-type: none"> - Local, regional and national community 	<p>Prevent loss/ damage/ disruption to golf courses from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	Medium	No	Yes	R1
Sandwich Town	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - Sandwich is a Conservation Area and contains many Scheduled Ancient Monuments, it is regarded as one of the most complete medieval towns in England - Sandwich Town is a centre of Archaeological Importance 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to Conservation Area and SAMs from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	Yes	No	G2
Richborough Castle	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - Richborough Castle is a Scheduled Ancient Monument 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to SAM from flooding and flood risk management works</p> <p>Seek opportunities to enhance features where appropriate</p>	National	High	No	No	G2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through flooding - potential loss/ damage caused by flood risk management measures 	Yes	<ul style="list-style-type: none"> - the area has high potential for heritage value 	<ul style="list-style-type: none"> - Local and national community 	<p>Prevent loss/ damage to heritage from flooding and flood risk management works or implement appropriate mitigation measures, including preservation of evidence by record</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	Medium	No	No	G4
Landscape of the coast, estuary, marshes and open setting of the historic town of Sandwich, including existing defences	<ul style="list-style-type: none"> - potential degradation caused by flooding and associated impacts - potential adverse impacts caused by flood risk management measures e.g. construction of large sea defences 	Yes	<ul style="list-style-type: none"> - an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefits - The Area is part of the Pegwell Bay Special Landscape Area and Pegwell Bay is Undeveloped Coast - Defence structures are part of the landscape character and may have heritage value as are part of flood defence and land use history 	<ul style="list-style-type: none"> - Local community and visitors 	<p>Prevent degradation of landscape quality and visual amenity from erosion/ flooding and risk management works</p> <p>Ensure consideration of existing flood defences on landscape and heritage grounds</p> <p>Seek opportunities to enhance features where appropriate</p>	Local	High	No	No	L2
10) Sandown Castle to South Foreland										
Residential properties at North Deal, Deal, Walmer, Kingsdown	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to housing through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, impact on views, damage to property 	Yes	<ul style="list-style-type: none"> - homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure 	<ul style="list-style-type: none"> - Individual residents and local community 	Prevent loss/ damage to residential properties from flooding/ erosion or risk management works	Sub-regional	High	No	Yes	H1
Community facilities at North Deal (such as churches, pubs, shops, schools,	<ul style="list-style-type: none"> - potential loss of life or injury through flooding - potential loss of/ damage to facilities through flooding - impact on local community 	Yes	<ul style="list-style-type: none"> - contribution to local community 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage to community facilities from flooding or flood risk management works	Sub-regional	High	No	Yes	H1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
village halls)	- potential impacts from flood risk management works e.g. disruption, damage to facilities									
Commercial properties – businesses at North Deal, Deal, Walmer, Kingsdown	- potential loss of life or injury through flooding - potential loss of/ damage to businesses through flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners at risk - impact on local community - potential impacts from flood risk management works e.g. disturbance, damage to property	Yes	- investment of individual owners - contribution to local economy and employment - contribution to local community	- Individual business owners - local community and visitors	Prevent loss/ damage to commercial properties from flooding/ erosion or risk management works	Sub-regional	High	No	Yes	C2
Cliff top residential properties at Kingsdown and St Margaret's at Cliffe	- potential loss of life or injury through erosion - potential loss of/ damage to housing through erosion/ flooding - devaluation of properties at risk and neighbouring property - anxiety and stress to owners and occupiers at risk - impact on local community - potential impacts from erosion/ flood risk management works e.g. disturbance, impact on views, damage to property	Yes	- homes for people. Represents substantial investment for individual property owners - loss of existing housing stock, alternatives would have to be found by individuals - potential impacts on community structure	- Individual residents and local community	Prevent loss/ damage to residential properties from erosion or risk management works	Local	High	No	Yes	H2
Cliff top Agricultural Land	- potential loss of land, farms and farm buildings through erosion - impacts on farm businesses and viability - devaluation of land at risk - anxiety and stress to owners at risk	Yes	- represents substantial investment for individual owners - loss of existing agricultural land stock - economy/ employment through farming - contribution to local community	- Individual farmers and employees - Local community	Prevent loss/ reduced potential of agricultural land from erosion	Local	High	Yes	Yes	C3
Major infrastructure e.g. local roads, railway line and	- potential loss/ damage/ disruption to infrastructure through erosion/ flooding - potential impact on investor	Yes	- essential links for communities, businesses and industry	- Local and regional community	Prevent loss/ damage/ disruption to infrastructure from erosion/ flooding	Sub-regional	High	Yes	Yes	F3

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
station, services and communications	confidence in growth and regeneration areas									
Structures/ ancillary infrastructure abandoned through flooding	- Health and Safety and environmental hazards caused by flooding/ erosion/ abandonment of property and associated services	No								
Landscape of the coast and seafronts, including existing defences	- potential degradation caused by erosion/ flooding and associated impacts - potential adverse impacts caused by risk management measures e.g. construction of large sea defences	Yes	- an attractive place to live and visit is important for quality of life and may bring visitors to the area which will have economic benefits - this area is part of the Kent Downs AONB - Defence structures are part of the landscape character and may have heritage value as are part of flood defence and land use history	- Local and national community and visitors	Prevent degradation of landscape quality and visual amenity from erosion/ flooding and risk management works Ensure consideration of existing defences on landscape and heritage grounds Seek opportunities to enhance features where appropriate	National	High	No	No	L1
Cliff habitats	- Continual erosion of cliffs is necessary for the designated interest - Potential opportunity to remove redundant defences - Potential loss/ damage to geological features through erosion risk management works	Yes	- The cliffs are designated as Dover to Kingsdown Cliffs SAC and SSSI for geology and ecology (plants, invertebrates and birds) - Unimproved chalk downland is a key BAP habitat and supports rare and protected species	- Local, national and international community	Promote biodiversity opportunities and prevent loss/ damage to designated sites from erosion risk management works	International	High	No	No	E1
Intertidal and subtidal habitats	- potential loss of area through coastal squeeze (rising sea levels and hard defences preventing migration inland) - potential loss/ damage caused by risk management works		- Chalk platform foreshore is part of Dover to Kingsdown SSSI and is a priority BAP habitat - Subtidal chalk and <i>Sabellaria spinulosa</i> reefs are	- Local and national community	Promote biodiversity opportunities and prevent loss/ damage to habitats from coastal squeeze and risk management works	National	High	No	No	E2

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
			also BAP habitats							
Kingdown and Walmer Beach	<ul style="list-style-type: none"> - potential loss of habitat through coastal squeeze - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - Kingsdown and Walmer Beach is a SNCI (shingle plants and invertebrates) 	<ul style="list-style-type: none"> - Local community 	Promote biodiversity opportunities and prevent loss/ damage to habitat from coastal squeeze and risk management works	Local	High	No	No	E3
Walmer and Kingsdown Golf Course	<ul style="list-style-type: none"> - potential loss of club and habitat through erosion - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - The area is a recreational facility, recreation is important for quality of life - The area is designated as a SNCI for it's chalk and neutral grassland habitat and associated species 	<ul style="list-style-type: none"> - Local community 	Prevent loss/ damage to golf course and habitat from erosion and risk management works, promote biodiversity opportunities	Local	High	No	Yes	E4/ R3
Sandown, Deal and Walmer Castles	<ul style="list-style-type: none"> - potential loss through flooding/ erosion - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - Deal and Walmer Castles are Scheduled Ancient Monuments 	<ul style="list-style-type: none"> - Local and national community 	Prevent loss/ damage to SAMs from erosion/ flooding and risk management works Seek opportunities to enhance features where appropriate	National	High	No	No	G2
Deal Town, Walmer seafront, Kingsdown and St Margaret's Bay	<ul style="list-style-type: none"> - potential loss through erosion/ flooding - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - Deal includes various Conservation Areas and has 446 listed buildings - There are also Conservation Areas at Walmer seafront, Kingsdown and St Margaret's Bay 	<ul style="list-style-type: none"> - Local and national community 	Prevent loss/ damage to Conservation Areas from erosion/ flooding and risk management works Seek opportunities to enhance features where appropriate	National	High	No	No	G2
Non-statutory known and unknown heritage	<ul style="list-style-type: none"> - potential loss through erosion/ flooding - potential loss/ damage caused by risk management measures 	Yes	<ul style="list-style-type: none"> - the area has high potential for heritage value 	<ul style="list-style-type: none"> - Local and national community 	Prevent loss/ damage to heritage from erosion/ flooding and risk management works or implement appropriate mitigation measures, including preservation of evidence by record Seek opportunities to enhance features where appropriate	Local	Medium	No	No	G4
Facilities for recreation and associated business, including	<ul style="list-style-type: none"> - potential loss/ damage/ disruption to facilities and businesses through erosion/ flooding - potential loss/ damage/ 	Yes	<ul style="list-style-type: none"> - Deal is the venue for the National and World Sea Angling Championship - There are bathing 	<ul style="list-style-type: none"> - Local community and visitors 	Prevent loss/ damage/ disruption to recreation and associated business from erosion/ flooding and risk management works	National	High	No	Yes	R1

Feature	Issues associated with Feature	Affect Policy?	Why is the feature important?	Who benefits?	Objective	Scale?	Importance?	Enough?	Replace?	Rank
marinas and watersports clubs, Deal Pier and promenade, golf courses, public open space, access to beaches and foreshore	- disruption caused by risk management measures - potential loss of access to beach and foreshore		water sites at Deal Castle and St Margaret's Bay - Recreation is important for quality of life - Facilities can bring visitors to the area and therefore benefit the local economy - Investment for individual owners		Seek opportunities to enhance features where appropriate					
Public footpaths, including Saxon Shore Way and White Cliffs Country Trail	- potential loss or disruption through erosion/ flooding - potential loss or disruption caused by risk management measures	Yes	- having access to the countryside and informal recreation (e.g. walking and cycling) is important for quality of life - The Saxon Shore Way is a long distance footpath between Gravesend and Rye	- Local and regional community and visitors	Prevent loss/ disruption to footpath from erosion/ flooding and risk management works Seek opportunities to enhance features where appropriate	Local	Medium	No	Yes	R3