G3 Objective Appraisal

Each scenario/policy has been appraised according to the extent to which each of the defined objectives (Appendix E) for individual locations is achieved. In most instances, consideration of whether the objective is met is based upon the predicted position (e.g. the extent of retreat) and form (e.g. existence of a beach) of the shoreline.

Objectives were appraised using two different methods:

(1) Percentage Compliance

This method was employed to clearly show the differences between policies and their acceptability. Where the policy achieved the objective it was assigned a Y (yes), where the policy did not achieve the objective it was assigned an N (no) and where the policy partially met the objective it was assigned a P (partial). The scores for each Y, N or P were then used to assess which policy met the most objectives along each frontage, for each epoch. As this process does not differentiate between objectives of differing importance, a ranking technique was also employed.

(2) Ranking

Ranking of objectives was utilised to identify the 'important' objectives for each shoreline. This method is based on the premise that policies which achieve the higher ranked objectives will be more acceptable. Each rank was given a simple weighted score (see table below) according to whether the policy met, partially met or did not meet the objective. The scores were then totalled for each policy for each frontage to assess which policy achieved the most 'important' objectives in each epoch.

RANK		SCORE AWARDED	
	Objective Met	Objective Partially Met	Objective Not Met
1	4	2	0
2	3	1.5	0
3	2	1	0
4	1	0.5	0

The following Objective Assessment Tables indicates whether the tested policies meet, partially meet or do not meet the objectives for each frontage. This is indicated with a Y, P or N, as well as a short statement of how the policy meets or does not meet the objective. The weighted score and percentage compliance totals are also shown at the end of each table.

G3.1 OBJECTIVE ASSESSMENT TABLES

Feature	Rank			0-	-20 (up to 2025)						20-50	(up	to 2055)						50-100	(up	to 2105)		
		NA (B	Al aseline)	Н	ΓL	A	rL .	N/ (B	Al Baseline)	Н	TL	A	TL	M	R	NA (B	Al aseline)	H	TL	Α٦	ΓL	М	R
			ome Ifences fail	im ex	aintain / nprove tisting efences		eaward fences		I defences ave failed	in	aintain / nprove efences	in	aintain / nprove seaward efences		econdary efence	No	defences	in re	aintain / nprove / eplace efences	im se	aintain / prove award fences	im se	intain / prove condary fence
Residential properties	H2	OI	BJECTIVE: Pr	eve	nt loss/ damage	e to	residential prop	oerti	ies from floo	din	g or flood ris	k m	anagement works										
on edge of Grain village		Y	No loss Properties on high ground	Υ	No loss Properties on high ground	Y	No loss	Y	No loss Properties on high ground	Υ	No loss	Y	No loss	Y	No loss	N	Potential damage to / loss of properties from flood and erosion	Y	No loss Properties on high ground	Y	No loss	Y	No loss
Major infrastructure	F2	OI	BJECTIVE: Pr	eve	nt loss/ damage	e/ di	sruption to infr	astr	ucture from	floo	ding												
e.g. A228, local roads, bridges, railway line, services and communications, electricity pylons, also pipelines and jetties in estuary		N	Disruption / damage to infrastructur e	Υ	No loss	N	Loss of pipelines and jetties in estuary	N	Damage to / loss of infrastructu re with further inundation	Υ	No loss	N	Loss of pipelines and jetties in estuary	P	Disruption to / loss of infrastructu re dependant on realignment position	N	Loss of infrastructu re with further inundation	Y	No loss	N	Loss of pipelines and jetties in estuary	P	Disruption to loss of infrastructure dependant or realignment position
Agricultural Land	C3	OI	BJECTIVE: Pr	eve	nt loss/ reduce	d po	tential of agric	ultu	ral land from	flo	oding												
		N	Reduced potential of Grade 4 land	Υ	No loss Best quality land on high ground	Y	No loss	N	Loss of Grade 4 land with further inundation	Υ	No loss Best quality land on high ground	Υ	No loss	P	Loss of Grade 2 and grade 4 land dependant on realignment position	N	Loss of Grade 4 land with further inundation	Y	No loss Best quality land on high ground	Y	No loss	P	Loss of Grade 4 2 and grade 4 land dependant on realignment position
Intertidal Habitat	E1	OI	BJECTIVE 1:	Pro	mote biodiversi	ty o	pportunities to	enh	ance / create	int	ertidal habita	at											
		Y	Limited opportunity to create intertidal habitat in low lying	Z	No biodiversity opportunities	Z	No biodiversity opportunities	Y	Limited opportunity to create intertidal habitat in low lying	N	No biodiversity opportunitie s	N	No biodiversity opportunities	P	Limited opportunity to create intertidal habitat dependant on	Y	Limited opportunity to create intertidal habitat in low lying	N	No biodiversity opportunitie s	Z	No biodiversity opportunities	P	Limited opportunity to create intertidal habitat dependant on realignment

NORTH GRAIN TO COLE	моитн с	REEK										
Feature	Rank		0-20 (up to 2025	5)		20-50	(up to 2055)			50-10	0 (up to 2105)	
		NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Some defences fail	Maintain / improve existing defences	Seaward defences	All defences have failed	Maintain / improve defences	Maintain / improve seaward defences	Secondary defence	No defences	Maintain / improve / replace defences	Maintain / improve seaward defences	Maintain / improve secondary defence
		areas			areas			realignment position	areas			position
		OBJECTIVE 2:	: Avoid net loss of i	ntertidal habitat and	d associated spe	cies from coast	al squeeze and flood r		t works	<u> </u>		
		Y Creation of transitional habitat as defences fail up to MHWS level, in limited locations	N Net loss of mudflat habitat and shingle beach due to coastal squeeze	N Adverse affects on coastal processes, net loss of mudflat habitat and shingle beach	Y Creation of transitional / intertidal habitat in limited locations with further inundation	N Net loss of mudflat habitat and shingle beach due to coastal squeeze	N Adverse affects on coastal processes, net loss of mudflat habitat due to coastal sqeeze	Y Possible creation of intertidal habitat up to MHWS level in limited locations	Y Creation of transitional / intertidal habitat in limited locations with further inundation	N Net loss of mudflat habitat and shingle beach due to coastal squeeze	N Adverse affects on coastal processes, net loss of mudflat habitat due to coastal squeeze	P Establishment of created habitat in limited locations,, possible erosion of habitat as sea levels rise and sediment supply reduced
Coastal Grazing marsh	E2	OBJECTIVE 1:	Promote biodivers	sity opportunities to	enhance / create	coastal grazin	g marsh					
habitat (including habitat on the flood defence embankments)		N No opportunity	N No opportunity	P Opportunity to create habitat, however no habitat creation opportunities if reclaimed land used for development	N No opportunity	N No opportunity	P Opportunity to create habitat, however no habitat creation opportunities if reclaimed land used for development	N No opportunity	N No opportunity	N No opportunity	P Opportunity to create habitat, however no habitat creation opportunities if reclaimed land used for development	N No opportunity
		OBJECTIVE 2:	Avoid net loss of	coastal grazing mar	sh and associate	ed species from	flooding and flood ris	k management v	vorks			
		N Loss of freshwater habitat as defences fail	Y No net loss	Y No net loss	N Loss of freshwater habitat with further inundation	Y No net loss	Y No net loss	N Loss of freshwater habitat	N Loss of freshwater habitat with further inundation	Y No net loss	Y No net loss	N Loss of freshwater habitat
Former oil refinery site	C1	OBJECTIVE: P	Prevent loss/ dama	ge/ disruption to site	e from flooding							
		N Damage / disruption to site as defences fail	Y No loss	Y No Loss	N Damage to /loss of site with further inundation	Y No loss	Y No loss	P Possible loss of site dependant on realignment position	N Loss of site	Y No loss	Y No loss	P Possible loss of site dependant on realignment position
Grain Power station	C1	OBJECTIVE: F	Prevent loss/ dama	ge/ disruption to Gra	ain Power station	from flooding	1 1		1 1	<u> </u>	1 1	
		N Disruption /	Y No loss	Y No Loss	N Damage to	Y No loss	Y No loss	P Possible	N Loss of site	Y No loss	Y No loss	P Possible loss

NORTH GRAIN TO COLE	моитн сі	REEK																				
Feature	Rank		0	-20 (up to 2025)						20-50	(up	to 2055)						50-100	(up	to 2105)		
		NAI (Baseline)	H.	ΓL	A	TL	N/ (B	Al Baseline)	Н	ITL	A	ΓL	М	IR	N. (B	Al Baseline)	H.	ΓL	Α	TL	M	R
		Some defences fail	in ex	aintain / nprove xisting efences	_	eaward efences		Il defences ave failed	ir	laintain / mprove lefences	in	aintain / iprove seaward ifences		econdary efence	No	o defences	in re	aintain / nprove / place efences	in	laintain / nprove eaward efences	in	aintain / iprove condary ifence
		damage to site as defences fail						/ loss of site with further inundation						loss of site dependant on realignment position		with further inundation						of site dependant on realignment position
Thamesport	F1	OBJECTIVE: P	reve	nt loss/ damage	e/ di	sruption to Tha	mes	sport from fl	ood	ling												
		N Disruption / damage to / loss of site as defences fail	Y	No loss	Υ	No Loss	Z	Damage to / loss of site with further inundation	Y	No loss	Y	No Loss	P	Disruption to / loss of some areas dependant on realignment position	N	Loss of site with further inundation	Υ	No loss	Y	No Loss	Р	Disruption to / loss of some areas dependant on realignment position
Grain Pit	E4	OBJECTIVE 1:	Pro	mote biodiversi	ty o	pportunities en	han	ce / create c	urre	ent habitat				l .		<u>I</u>	<u> </u>		<u> </u>			
		N No opportunitie s	N	No opportunities	N	No opportunities	N	No opportunitie s	N	No opportunitie s	N	No opportunities	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunities	N	No opportunities
		OBJECTIVE 2:	Prev	vent loss/ dama	ge t	o Grain Pit fron	n flo	oding and fl	000	l risk manage	emei	nt works										
		N Damage to habitat as defences fail	Y	No loss	Y	No loss	Z	Damage to habitat with further inundation	Y	No loss	Y	No loss	P	Possible loss of site dependant on realignment position	N	Damage to /loss habitat with further inundation	Y	No loss	Y	No loss	Р	Possible loss of site dependant on realignment position
Coastal artillery	G2	OBJECTIVE 1:	Prev	vent loss/ dama	ge t	to SM from floo	ding	and flood ri	isk	management	now	ks										
defences on the Isle of Grain		N Possible damage to SM as defences fail	Y	No loss	P	Possible loss of / damage to SM (Grain Tower) dependant on advanced position	N	Damage to / loss of SM with further inundation	Y	No loss	P	Possible loss of / damage to SM (Grain Tower) dependant on advanced position	P	Possible loss of site dependant on realignment position	N	Loss of SM with further inundation	Y	No loss	P	Possible loss of / damage to SM (Grain Tower) dependant on advanced position	P	Possible loss of / damage to SM (Grain Tower) dependant on realignment position
		OBJECTIVE 2:	See	k opportunities	to e	enhance feature	s w	here approp	riat	e										_		
		N No opportunity	Ν	No opportunity	Ν	No opportunity	Z	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	Ν	No opportunity	N	No opportunity	N	No opportunity

NORTH GRAIN TO COLE		neek	0.01	0 () . 000="						00.70	,							E0 400	,	. 0405)		
Feature	Rank			0 (up to 2025)					1		•	to 2055)							•	to 2105)		
		NAI (Baseline)	HTL		ΑT	ΓL	N. (B	Al Baseline)	Н	TL	A.	ΓL	N	IR	N/ (B	Al Baseline)	Hī	ΓL	A	r L	М	R
		Some defences fail	impr	ntain / rove sting ences		eaward efences		Il defences ave failed	in	aintain / nprove efences	in	aintain / iprove seaward efences	_	econdary efence	No	o defences	im	aintain / prove / place efences	im	aintain / prove award fences	im	aintain / prove condary fence
Non-statutory known and unknown heritage	G4					o heritage from es where appro			od	risk manage	men	t works or implen	nen	t appropriate	miti	gation meas	ıres	, including p	rese	ervation of evid	lenc	e by record.
		N Loss of features	h s a	No loss, however survey, record and monitor any finds	Z	Loss of submerged features	N	Loss of features	Υ	No loss, however survey, record and monitor any finds	N	Loss of submerged features	N	Potential loss of buried features	N	Loss of features	Υ	No loss, however survey, record and monitor any finds	N	Loss of submerged features	N	Potential loss of buried features
Grain Village Foreshore	R3	OBJECTIVE 1:	Preve	nt loss/ dama	ge/	disruption to pu	ıblic	c open space	fro	m flooding a	nd f	lood risk manage	mei	nt works								
		P Natural rollback of beach, however potential loss of shingle beach due to coastal squeeze	n k c h p c	Possibility of measures to keep integrity of beach, nowever cotential loss of beach with coastal squeeze	Z	Loss of beach	P	Natural rollback of beach, however potential beach loss due to coastal squeeze	P	Measures to keep beach integrity, however potential loss of beach with coastal squeeze due to sea level rise	N	Loss of foreshore with coastal squeeze	P	Allows beach to roll back naturally, disruption to public open space with defence works	P	Natural functioning of shoreline, however potential beach loss and erosion due to coastal squeeze	P	Measures to keep beach integrity, however potential loss of beach with coastal squeeze due to sea level rise	Z	Loss of foreshore with coastal squeeze	P	Allows beach to function naturally, potential beach erosion with coastal squeeze
		OBJECTIVE 2:	Seek o	opportunities	to e	nhance feature	s w	here appropi	iate)												
		N No opportunity		Potential opportunity	N	No opportunity	N	No opportunity	Υ	Opportunity to enhance features	N	No opportunity	N	No opportunity	N	No opportunity	Υ	Opportunity to enhance features	N	No opportunity	N	No opportunity
Landscape of the estuary, marshes,	L2					landscape qua to enhance feat					ding	and flood risk m	ana	gement work	s. E	nsure consid	erat	tion of existing	ng d	efences on lan	dsc	ape and
village and industrial area, including existing defences		N Loss of industrial estuary landscape and historic defences, degradation of landscape as defences fail	, b	Maintain as is out increased defences	N	Hard defences, impacting on visual estuary landscape	P	Loss of industrial estuary landscape and historic defences, however, improved visual quality, more 'natural' coastline landscape	p	Maintain as is but increased defences	N	Hard defences, impacting on visual estuary landscape	P	Loss of industrial and heritage estuary landscape features dependant on realignment position, opportunity to improve visual	P	Loss of industrial estuary landscape and historic defences, however, improved visual quality, more 'natural' coastline landscape	p	Maintain as is but increased defences	N	Hard defences, impacting on visual estuary landscape	P	Loss of industrial and heritage estuary landscape features dependant on realignment position, opportunity to improve visual quality, more 'natural' coastline

NORTH GRAIN TO COLE	MOUTH CF	REEK										
Feature	Rank		0-20 (up to 2025)		20-50	(up to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Some defences fail	Maintain / improve existing defences	Seaward defences	All defences have failed	Maintain / improve defences	Maintain / improve seaward defences	Secondary defence	No defences	Maintain / improve / replace defences	Maintain / improve seaward defences	Maintain / improve secondary defence
								quality, more 'natural' coastline landscape				landscape
Facilities for recreation on and near the river,	R3	OBJECTIVE 1: appropriate	Prevent loss/ dama	age/ disruption to re	ecreation and as	sociated busines	s from flooding and f	lood risk manag	jement works, se	ek opportunities	to enhance feature	es where
and associated business, including Medway micro lights and moorings in intertidal areas		N Disrupt recreation opportunitie s, paths, access to foreshore, fishing	N Potential loss of amenity beach with coastal squeeze, possible disruption to recreation with flood risk management works	P Loss of amenity beach, possible creation of new recreation area, decreased width of channel will affect safe navigation boats etc	N Disrupt recreation opportunitie s, paths, access to foreshore, fishing	N Potential loss of amenity beach with coastal squeeze, possible disruption to recreation with flood risk management works	P Possible establishment of new recreation area, decreased width of channel will affect safe navigation boats etc	P Possible loss of / disruption to public rights of way dependant on realignment position, opportunity to incorporate new paths into realignment	N Disrupt recreation opportunitie s, paths, access to foreshore, fishing	N Potential loss of amenity beach with coastal squeeze, possible disruption to recreation with flood risk manageme nt works	P Possible establishment of new recreation area, decreased width of channel will affect safe navigation boats etc	P Possible loss of / disruption to public rights of way dependant on realignment position, opportunity to incorporate new paths into realignment
Public Footpath along	R3	OBJECTIVE 1:	Prevent loss/ disru	ption to footpath fr	om flooding and	flood risk mana	gement works	1 1				
flood defence embankments south of A228.		N Disruption to footpaths as defences fail	Y No loss	Y No loss	N Loss of footpaths with further inundation / erosion	Y No loss	Y No loss	P Loss of public rights of way, opportunity to incorporate new paths into realignment	N Loss of footpaths with further inundation / erosion	Y No loss	Y No loss	P Loss of public rights of way, opportunity to incorporate new paths into realignment
		OBJECTIVE 2:	Seek opportunities	to enhance feature	es where approp	riate	· ·		·	· ·	· · ·	•
		N No opportunitie	Y Opportunity to enhance features	Y Opportunity to enhance features	N No opportunitie s	Y Opportunity to enhance features	Y Opportunity to enhance features	Y Opportunity to enhance features	N No opportunitie	Y Opportunity to enhance features	Y Opportunity to enhance features	Y Opportunity to enhance features
Υ		3	13	9	3	13	9	3	2	13	9	2
Р		1	2	3	2	2	3	12	2	2	3	13

NORTH GRAIN TO COLE	MOUTH CF	REEK										
Feature	Rank		0-20 (up to 2025)			20-50	(up to 2055)			50-100	(up to 2105)	
		NAI	HTL	ATL	NAI	HTL	ATL	MR	NAI	HTL	ATL	MR
		(Baseline)			(Baseline)				(Baseline)			
		Some defences fail	Maintain / improve existing defences	Seaward defences	All defences have failed	Maintain / improve defences	Maintain / improve seaward defences	Secondary defence	No defences	Maintain / improve / replace defences	Maintain / improve seaward defences	Maintain / improve secondary defence
N		17	6	9	16	6	9	6	17	6	9	6
Weighted Score		12	35.5	29	13.5	35.5	29	26	10.5	35.5	29	24

Feature	Rank		0-20 (up	to 2025)			20-50 (up to 2055)			50-100 (u	up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences will remain	Maintain / improve existing defences	Seaward defences	Realigned secondary defences	Defences fail	Maintain / improve existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences	No defences	Maintain / improve / replace existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences
Residential properties	H2	OBJECTIVE: Pre	event loss/ dama	ge to residential _l	properties from f	looding or flood	risk managem	ent works					
in Lower Stoke village		Y No loss	Y No loss	Y No loss	Y No loss	N Potential loss of properties as defences fail	Y No loss	Y No loss	Y No loss	N Potential loss of properties with further inundation	Y No loss	Y No loss	Y No loss
Commercial properties	C3	OBJECTIVE: Pro	event loss/ damag	ge to commercial	properties from	flooding or floo	d risk manager	nent works					
- businesses in Lower Stoke village		Y No loss	Y No loss	Y No loss	Y No loss	N Potential loss of properties as defences fail	Y No loss	Y No loss	Y No loss	N Potential loss of properties with further inundation	Y No loss	Y No loss	Y No loss
Community facilities in	H2	OBJECTIVE: Pre	event loss/ dama	ge to community	facilities from flo	ooding or flood r	isk manageme	nt works	-				
Lower Stoke village (such as churches, pubs, shops, schools, village halls)		Y No loss	Y No loss	Y No loss	Y No loss	N Potential loss of facilities as defences fail	Y No loss	Y No loss	Y No loss	N Potential loss of facilities with further inundation	Y No loss	Y No loss	Y No loss
Residential properties	H2	OBJECTIVE: Pre	event loss/ dama	ge to residential	properties from f	looding or flood	risk managem	ent works					
on edge of Middle Stoke village		Y No loss	Y No loss	Y No loss	Y No loss	N Potential loss of properties as defences fail	Y No loss	Y No loss	Y No loss	N Potential loss of properties with further inundation Loss of properties	Y No loss	Y No loss	Y No loss
Major infrastructure	F2	OBJECTIVE: Pre	vent loss/ dama	ge/ disruption to	infrastructure fro	om flooding		· ·	•		•		
e.g. A228, local roads, bridges, railway line, services and communications, electricity pylons, also pipelines and jetties in		Y No loss	Y No loss	Y No loss	P Potential loss / relocation of / disruption to	N Loss of infrastructu re as defences fail	Y No loss	Y No loss	P Potential loss / relocation of / disruption to infrastructur	N Loss of infrastructu re with further inundation	Y No loss	Y No loss	P Potentia loss / relocatio of / disruptio to

Feature	Rank			0-20 (up t	o 20)25)						20-50 (u	p to	2055)						50-100 (u	p to 2	105)		
		NAI (Baseline)	H	TL	Α.	TL	М	R		AI Baseline)	Н	L	A	TL	М	R		AI Baseline)	Н	TL	ATI	-	MF	R
		Defences will remain	im ex	aintain / nprove kisting efences		eaward efences	Se	ealigned econdary efences	D	efences fail	im	intain / prove sting fences	in	laintain / nprove eaward efences	im se	aintain / nprove econdary efences	N	o defences	im re ex	aintain / nprove / place cisting efences	imp	ntain / prove ward ences	im	aintain / prove condary fences
estuary								infrastructu re, dependant on realignment position								e, dependant on realignment position								infrastruct ure, dependar t on realignme nt position
Agricultural Land	C3	OBJECTIVE: Pr	event	loss/ reduce	ed p	otential of ag	jrici	ultural land fr	om	flooding						T						T		
		Y No loss	Y	No loss	Y	No loss	P	Loss of grade 1 and grade 4 land dependant on realignment	N	Loss of land as defences fail	Y	No loss	Y	No loss	P	Loss of grade 1 and grade 4 land dependant on realignment position	N	Loss of land with further inundation	Y	No loss	Y	No loss	P	Loss of grade 1 and grade 4 land dependant ton realignme
								position								position								nt position
Intertidal Habitat	E1	OBJECTIVE 1: I	Promo	ote biodivers	ity c	pportunities	to	enhance / cre	eate	intertidal ha	bita		1						,		,		,	
		N No opportunity	N	No opportunity	N	No opportunity	Y	Opportunity to create habitat	Y	Opportunity to create habitat as defences fail	N	No opportunity	N	No opportunity	Y	Opportunity to create habitat	Υ	Opportunity to create habitat with further inundation	N	No opportunit y	N	No opportuni ty	Y	Opportuni ty to create habitat
		OBJECTIVE 2: A	Avoid	net loss of i	nter	tidal habitat	and	associated s	spe	cies from coa	stal	squeeze an	d flo	ood risk man	ageı	ment works			•	•		•		
		P Some loss of intertidal habitat with coastal squeeze in contemporary eroding areas, accretion elsewhere	P	Some loss of intertidal habitat with coastal squeeze in contempor ary eroding areas, accretion elsewhere	Z	Loss of intertidal habitat as defences constructed seaward	Y	No net loss	Y	Potential to create intertidal habitat up to MHWS level as defences fail	P	Some loss of intertidal habitat with coastal squeeze in contempor ary eroding areas, accretion elsewhere	N	Loss of intertidal habitat as defences constructed seaward and with coastal squeeze	Y	No net loss	Y	Establishm ent of intertidal habitat and creation of intertidal habitat up to MHWS level	N	Loss of intertidal habitat with coastal squeeze reduction of sediment to the estuary	N	Loss of intertidal habitat as defences construct ed seaward and with coastal squeeze	Y	No net loss
Coastal Grazing marsh	E2	OBJECTIVE 1: I	romo	ote biodivers	ity c	opportunities	to	enhance / cre	eate	coastal graz	ing	marsh		•										
habitat (including habitat on the flood defence embankments)		N No opportunities	N	No opportunitie s	Р	Opportunity to enhance and create habitat, as long as reclaimed	N	No opportunitie s	Ν	No opportunitie s	N	No opportunitie s	Р	Opportunity to enhance and create habitat, as long as reclaimed	N	No opportunitie s	N	No opportunitie s	N	No opportuniti es	P	Opportun ity to enhance and create habitat,	N	No opportunit ies

Feature	Rank				0-20 (up t	o 20)25)						20-50 (u	p to	2055)						50-100 (u	p to 2	105)		
		N. (B	Al Baseline)	H	TL	A	TL	М	R	N. (E	Al aseline)	H	TL	A	TL	N	IR .	N/ (B	AI Baseline)	нт	Ľ	ATI	-	MF	l
			efences will emain	in	aintain / nprove kisting efences	_	eaward efences	se	ealigned econdary efences	D	efences fail	in ex	aintain / nprove kisting efences	in	aintain / nprove eaward efences	ir s	faintain / nprove econdary lefences	No	o defences	im rep exi	nintain / prove / place isting fences	imp	ntain / prove ward ences	imp	intain / prove condary ences
			D. IFOTIVE: A.				land not used for developme nt					-	dia and file		land not used for developme nt								as long as reclaime d land not used for develop ment		
		O	BJECTIVE: Av	old n	et loss of co	asta	al grazing ma	rsh	and associat	ted	species from	tlo	oding and flo	ood	risk manage	mei	nt works		1	r	ı				
		Y	No net loss	Y	No net loss	Y	No net loss	N	Loss of habitat	N	Loss of habitat as defences fail	Y	No net loss	Y	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Y	No net loss	Y	No net loss	N	Loss of habitat
Former oil refinery site	C1	0	BJECTIVE: Pre	event	loss/ damag	je/ d	lisruption to	site	from floodin	g															
		Y	No loss	Y	No loss	Υ	No loss	Y	No loss	N	Loss / damage to site as defences fail	Υ	No loss	Υ	No loss	Y	No loss	N	Loss / damage to site with further inundation	Y	No loss	Y	No loss	Y	No loss
Thamesport	F1	0	BJECTIVE: Pre	event	loss/ damag	je/ d	lisruption to	Tha	mesport fron	n flo	oding														
		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Non-statutory known and unknown heritage	G4		BJECTIVE 1: Feek opportunit							flo	od risk mana	iger	nent works o	or im	nplement app	rop	oriate mitigation	on m	neasures, inc	ludir	ng preserva	tion o	f evidence	by re	cord.
		Y	No loss, however survey and record any finds	Y	No loss, however survey, record and monitor any finds	N	Loss of submerged interests not acceptable	Y	Any loss of buried heritage acceptable as long as survey, record and monitor finds	Y	Any loss acceptable as long as survey and record finds	Y	No loss, however survey, record and monitor any finds	N	Loss of submerged interests not acceptable	Y	Any loss of buried heritage acceptable as long as survey, record and monitor finds	Y	Any loss acceptable as long as survey and record finds	Y	No loss, however survey, record and monitor any finds	N	Loss of submerg ed interests not acceptabl e	Y	Any loss of buried heritage acceptable e as long as survey record, monitor finds
Landscape of the estuary, marshes,	L2		BJECTIVE 1: F								nenity from f	loo	ding and floo	d ri	sk managem	ent	works. Ensur	е со	onsideration	of ex	isting defer	ices c	n landscap	e an	d heritage
village and industrial area, including existing defences		Y	Maintain as is	Р	Maintain as is but increased defences	N	Hard defences, detriment impact on the estuary	P	Loss of estuary landscape features dependant	N	Degradatio n of landscape as defences	Р	Maintain as is but increased defences	N	Hard defences, detriment impact on the estuary	Р	Loss of estuary landscape features dependant	Р	Loss of estuary landscape features, however	P	Maintain as is but increased defences	N	Hard defences , detriment impact	Р	Loss of estuary landscape features dependar

Color Colo	Feature	Rank				0-20 (up t	o 20	25)						20-50 (u	p to	2055)						50-100 (u	p to 2	105)		
remain improve validing defences within defences with defences within defences with defences w			1		НТ	ΓL	АТ	TL .	МІ	R		· 	H	TL	A	TL	М	R			нт	L	ATL	-	MF	
Facilities for recreation on and near the river, and associated business from flooding and flood risk management works, seek opportunities to enhance features where on and near the river, and associated business from flooding and flood risk management works, seek opportunities to enhance features where on and near the river, and associated business from flooding and flood risk management works, seek opportunities to enhance features where on and near the river, and associated business from flooding and flood risk management works, seek opportunities to enhance features where on and near the river, and associated business from flooding and flood risk management works, seek opportunities to enhance features where on and near the river, and associated business from flooding and flood risk management works, seek opportunities to enhance features where on and near the river, and associated business from flooding and flood risk management works, seek opportunities to enhance features where on and recreation and associated business from flooding and flood risk management works. Policit Footpath along flood defence where on the real features where appropriate Policities and flood risk management works are an and associated business from flooding and flood risk management works. Policit Footpath along flood defence where appropriate Policities flooding and flood risk management works are an an an an an an an an analysis of the possible of the flooding and flood risk management works. Policit Footpath along flood defence where appropriate Policities flooding and flood risk management works. Policities flooding and flood risk ma					im ex	prove isting			se	condary	De	efences fail	im ex	nprove cisting	in se	nprove eaward	im se	prove econdary	No	o defences	im rep exi	prove / place isting	imp sea	rove ward	imp	intain / prove condary ences
on and near the river, and associated business, including Medway micro lights and moorings in intertidal areas Public Footpath along flood defence embankments south of A228. Plooloss to liceding and associated business, including Medway micro lights and moorings in intertidal areas Plooloss to liceding and que at Slowing and que at								·		realignment position, enhanced visual quality with a more natural coastline								realignment position, enhanced visual quality with a more natural coastline		visual quality, more 'natural' coastline				estuary landscap e		t on realignment position, enhance visual quality with a more natural coastline
and associated business, including Medway micro lights and moorings in intertidal areas Politic Footpath along flood defence membrankments south of A228. Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of possible disruption with flood risk management works Politics of recreational racillities in reclaimed area. Politics of recreation recreation and racillities in reclaimed area. Politics of recreation recreation and racillities in reclaimed area. Politics of recreation recreation and racillities in reclaimed area. Politics of recreation recreation and racillities in reclaimed area. Politics of recreation recreation and racillities in reclaimed area. Politics of recreation recreation and racillities in reclaimed area. Politics of recreation recreation and racillities in reclaimed area. Politics of recreation recreation and racillities in reclaimed area. Politics of recreation recreation and racillities in reclaimed area. Politics of restricts of recreation and ra		R3	ОВ	JECTIVE 1: P	rever	nt loss/ dam	age/	disruption to	o rec	creation and	ass	ociated busi	nes	s from flood	ing	and flood risl	k ma	anagement w	orks	s, seek oppo	rtunit	ties to enhai	nce fe	atures whe	ere a	propriat
flood defence embankments south of A228. Y No loss F footpath, opportunities s for new footpath on retreated defences OBJECTIVE 2: Seek opportunities to enhance features where appropriate	and associated business, including Medway micro lights and moorings in		Y	No loss	P	flooding, possible disruption with flood risk manageme	N	moorings and wharfage at Stoke	Р	some features dependant on realignment	Z	loss of facilities as defences	P	flooding, possible disruption with flood risk manageme	P	moorings and wharfage at Stoke Saltings, potential to enhance recreational facilities in reclaimed	P	some features dependant on realignment	N	loss of facilities with further	P	flooding, possible disruption with flood risk managem	P	moorings and wharfage at Stoke Saltings, potential to enhance recreatio nal facilities in reclaime	P	Loss of some features dependar t on realignme nt positio
P Disruption to footpath, opportunities for new footpath on retreated defences OBJECTIVE 2: Seek opportunities to enhance features where appropriate		R3	ОВ	JECTIVE 1: P	rever	nt loss/ disru	ıptio	n to footpath	n fro	m flooding a	nd	flood risk ma	ınaç	gement work	s											
	embankments south of		Y	No loss	Y	No loss	Y	No loss	P	to footpath, opportunitie s for new footpath on retreated	N	footpath as defences	Y	No loss	Y	No loss	P	footpath, opportunitie s for new footpath on retreated	N	footpath with further	Y	No loss	Y	No loss	Р	Disruption to footpath, opportunities for new footpath on retreated defences
			ОВ	JECTIVE 2: S	eek o	pportunities	s to e	enhance feat	ures	s where appr	opr	iate		L	1	<u> </u>				<u> </u>		<u> </u>				
N No opportunity Y Opportunity			N	No opportunity	Y	Opportunity	Υ	Opportunity	Υ	Opportunity	N	No	Υ	- - - - - - - - - - - - - -	Υ	Opportunity	Υ	Opportunity	N		Υ	Opportunit	Υ	Opportun ity for	Υ	Opportun ty for

COLEMOUTH CREEK TO	BEE NESS	JETTY											
Feature	Rank		0-20 (up t	o 2025)			20-50 (u	p to 2055)			50-100 (u	p to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences will remain	Maintain / improve existing defences	Seaward defences	Realigned secondary defences	Defences fail	Maintain / improve existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences	No defences	Maintain / improve / replace existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences
			nt	nt	nt		nt	nt	nt		ent	ment	ment
Kingsnorth Power	C1	OBJECTIVE: Pre	vent loss/ damaç	je/ disruption to	Kingsnorth Pow	er station and in	dustrial and con	nmercial areas fr	om flooding				
Station and Industrial and Commercial Areas		Y No loss	Y No loss	Y No loss	Y No loss	N Potential damage to industrial area as defences fail	Y No loss	Y No loss	Y No loss	N Potential damage to industrial area	Y No loss	Y No loss	Y No loss
Υ		14	13	12	12	4	13	12	11	4	13	12	11
P	•	1	3	1	5		3	2	5	1	2	2	5
N		3	2	5	1	14	2	4	2	13	3	4	2
Weighted Score		41	40.5	36.5	40	13	40.5	37.5	40	14.5	38.5	37.5	40

KINGSNORTH POWER STAT	TION																									
Feature	Rank				0-20 (ıp to	2025)						20-50 (u	p to	2055)							50-100 (เ	ıp to	2105)		
		N. (E	Al Baseline)	H	TL	A.	ΓL	MI	R		Al Baseline)	Н	ITL	A	TL	ı	MR		NA (B	Al aseline)	H	TL	A ⁻	ΓL	М	R
			efences main	in	aintain / nprove kisting efences		eaward efences	se	ealigned econdary efences	D	efences fail	in e	laintain / mprove xisting efences	ir s	aintain / nprove eaward efences	i	impr seco	ntain / rove ondary ences	No	defences	in re	aintain / nprove / eplace kisting efences	im	aintain / prove award fences	in	aintain / nprove econdary efences
Residential properties in	H2	0	BJECTIVE	Prev	ent loss/	dam	age to resid	entia	I properties	ror	n flooding or	flo	od risk mana	gen	ent works											
and in vicinity of Hoo St Werburgh		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	,	Y N	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Commercial properties –	C3	0	BJECTIVE	Prev	ent loss/	dam	age to comi	nerci	al properties	fro	m flooding o	r flo	ood risk mar	age	ment works			Į.				Į.				
businesses in Hoo St Werburgh		Υ	No loss	Υ	No loss	Υ	No loss	Y	No loss	Υ	No loss	Υ	No loss	Y	No loss	`	Y N	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Community facilities in	H2	0	BJECTIVE	Prev	ent loss/	dam	age to com	nunit	y facilities fr	om	flooding or 1	loo	d risk manag	em	ent works											
Hoo St Werburgh (such as churches, pubs, shops, schools, village halls)		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Y	No loss	Υ	No loss	Y	No loss	`	YN	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Y	No loss
Kingsnorth Power Station	C1	0	BJECTIVE	Prev	ent loss/	dam	age/ disrupt	ion to	o Kingsnorth	Po	wer station a	and	industrial ar	d c	mmercial a	reas	s fro	om flooding)							•
and Industrial and Commercial Areas		Y	No loss	Y	No loss	Y	No loss	Р	Loss / disruption to Power Station dependant on realignment position	Z	Loss / damage to Power Station	Y	No loss	Y	No loss	F	d to S d o	Loss / disruption to Power Station dependant to ealignment position	Z	Loss / damage to Power Station	Y	No loss	Y	No loss	P	Loss / disruption to Power Station dependant on realignment position
Major infrastructure e.g.	F2	0	BJECTIVE	Prev	ent loss/	dam	age/ disrupt	ion to	o infrastruct	ıre	from floodin	g			•	•					•	•			•	
local roads, bridges, railway line, services and communications, electricity pylons		Y	No loss	Y	No loss	Y	No loss	P	Loss / disruption to infrastructu re dependant on realignment position	N	Loss / damage to infrastructu re as defences fail	Y	No loss	Y	No loss	F	d to ir re d o re	nfrastructu	N	Loss / damage to infrastructu re with further inundation	Y	No loss	Y	No loss	Р	Loss / disruption to infrastructur e dependant on realignment position
Public Footpaths,	R3	0	BJECTIVE	1: Pre	event loss	/ dis	ruption to f	ootpa	ath from floo	din	g and flood r	isk	managemen	wo	rks											
including along flood defence embankments and shoreline (Saxon Shore Way)		Y	No loss	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on	N	Disruption to / loss of footpaths as defences fail	Y	No loss	Y	No loss	F	to o d o s	Disruption of footpath on existing defences, opportunitie of for new ootpath on	N	Loss of footpaths with further inundation	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on

KINGSNORTH POWER STA	TION																								
Feature	Rank				0-20 (u	p to	2025)						20-50 (սլ	to	2055)						50-100 (u	p to	2105)		
		NA (Ba	Al aseline)	Н	ΓL	A	ΓL	МІ	₹		Al Baseline)	Н	TL	A	TL	N	/IR	N/ (B	Al aseline)	H	TL	ΑT	Ľ	М	R
		_	efences main	im	aintain / prove risting efences		eaward efences	se	ealigned condary fences	D	efences fail	in ex	laintain / nprove xisting efences	in Se	aintain / nprove eaward efences	ir s	Maintain / mprove econdary lefences	No	o defences	in re	aintain / nprove / place kisting efences	im se	aintain / iprove award ifences	in se	aintain / nprove econdary efences
									retreated defences								retreated defences								retreated defences
		OF	RIFCTIVE 2:	Sec	ek onnorti	ıniti	es to enhanc	e fe		ar	nronriate						1								
		N	No opportunity	Y	Opportu nity for enhanc ement	Υ	Opportunity for enhanceme nt	Y	Opportunity for enhanceme nt	N	No opportunity	Υ	Opportunity for enhanceme nt	Y	Opportunity for enhanceme nt	Y	Opportunity for enhanceme nt	N	No opportunity	Y	Opportunity for enhanceme nt	Υ	Opportunity for enhanceme nt	Υ	Opportunity for enhanceme nt
Cockham Wood Fort	G2	OE	BJECTIVE: P	reve	ent loss/ d	lama	age to SM fro	m fl	ooding/ eros	sior	and risk ma	nag	ement works	;	•										
		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss of SM	Υ	No loss	Υ	No loss	Υ	No loss	Y	No loss of SM	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss of SM
Non-statutory known and unknown heritage	G4						mage to heri					ma	inagement w	orks	or impleme	nt a	ppropriate m	itiga	tion measur	es,	including pre	ser	vation of evid	den	ce by
		Y	Loss acceptable as long as survey and record finds	Y	Loss accepta ble as long as survey, record and monitor finds	N	Loss of submerged interests not acceptable	Y	Loss of buried heritage acceptable as long as survey, record and monitor finds	Υ	Loss acceptable as long as survey and record finds	Υ	Loss acceptable as long as survey, record and monitor finds	N	Loss of submerged interests not acceptable	Y	Loss of buried heritage acceptable as long as survey, record and monitor finds	Y	Loss acceptable as long as survey and record finds	Y	Loss acceptable as long as survey, record and monitor finds	N	Loss of submerged interests not acceptable	Y	Loss of buried heritage acceptable as long as survey, record and monitor finds
Facilities for recreation on the river, and associated	R2		BJECTIVE 1: propriate	Pre	vent loss/	dar	mage/ disrup	tion	to recreatio	n ar	nd associated	bu	isiness from	floc	ding and flo	od ı	risk managen	nent	works, Seek	ор	portunities to	en	hance featur	es v	where
business, including marina (sailing and windsurfing), Medway Yacht Club, Arethusa Venture Centre, access to foreshore and river (including for fishing)		Y	No loss	Y	No loss	N	Loss of moorings, narrower channel will cause faster flows compromisi ng navigation safety	N	Loss of facilities	N	Loss of facilities as defences fail	Y	No loss	N	Narrower channel will cause faster flows compromisi ng navigation safety	Y	No further loss	N	Loss of facilities with further inundation	Y	No loss	N	Narrower channel will cause faster flows compromisi ng navigation safety	Y	No further loss
Intertidal Habitat	E1	OE	BJECTIVE 1:	Pro	mote biod	dive	rsity opportu	ınitie	s to enhanc	e /	create interti	lal I	habitat												
(including saltmarsh islands)		N	No opportunity	N	No opportu nity	N	No opportunity	Y	Opportunity to create habitat	Υ	Opportunity to create habitat	N	No opportunity	N	No opportunity	Υ	Opportunity to enhance habitat	Υ	Opportunity to create habitat	N	No opportunity	N	No opportunity	Υ	Opportunity to enhance habitat

Feature	Rank		0-20 (up to 2025)			20-50 (u	p to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Realigned secondary defences	Defences fail	Maintain / improve existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences	No defences	Maintain / improve / replace existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences
		OBJECTIVE	2: Avoid net lo	ss of intertidal h	abitat and assoc	iated species fro	m coastal sque	ze and flood risl	k management v	orks			•
		P Some loss of intertida habitat with coastal squeeze ir contempor ary eroding area, accretion elsewhere	loss of intertida I habitat with coastal	N Loss of intertidal habitat as defences constructed seawards	Y No net loss	Y No net loss	P Some loss of intertidal habitat with coastal squeeze in contempor ary eroding area, accretion elsewhere	N Loss of intertidal habitat as defences constructed seaward and with coastal squeeze in front of advanced defences	Y No net loss	Y No net losst	N Net loss of intertidal habitat with coastal squeeze as sediment supply decreases	N Loss of intertidal habitat as defences constructed seaward and with coastal squeeze in front of advanced defences	Y No net loss
Coastal Grazing marsh	E2	OBJECTIVE	1: Promote bio	diversity opport	unities to enhan	ce / create coasta	l grazing marsh	habitat					
habitat (including habitat on the flood defence embankments)		N No opportunity	nity	P Opportunity to create habitat however no habitat creation opportunitie s if reclaimed land used for developme nt.	N No opportunity	N No opportunity	N No opportunity	P Opportunity to create habitat however no habitat creation opportunitie s if reclaimed land used for developme nt.	N No opportunity	N No opportunity	N No opportunity	P Opportunity to create habitat however no habitat creation opportunitie s if reclaimed land used for developme nt.	N No opportuni
				ss of coastal gra	zing marsh and	associated speci		squeeze and flo	od risk manager	nent works		1	
		Y No net loss	Y No net loss	Y No net loss	N Loss of habitat	N Loss of habitat as defences fail	Y No net loss	Y No net loss	N Loss of habitat	N Loss of habitat with further inundation	Y No net loss	Y No net loss	N Loss of habitat
Tower Hill to Cockham	E2	OBJECTIVE	1: Promote bio	diversity opport	unities to enhand	ce / create habita	t			<u> </u>	<u> </u>		
Wood		N No opportuniti	N No opportu nities	N No opportunitie	N No opportunitie	N No opportunitie	N No opportunitie	N No opportunitie	N No opportunitie	N No opportunitie	N No opportunitie	N No opportunitie	N No opportuni

KINGSNORTH POWER STAT	TION												
Feature	Rank		0-20 (u	p to 2025)			20-50 (սյ	o to 2055)			50-100 (ι	ıp to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Realigned secondary defences	Defences fail	Maintain / improve existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences	No defences	Maintain / improve / replace existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences
		OBJECTIVE 2:	Prevent loss/	damage to desi	gnated site from	erosion/ risk ma	nagement work	s					
		Y No loss	Y No loss	Y No loss	Y No loss	Y No loss	Y No loss	Y No loss	Y No loss	Y No loss	Y No loss	Y No loss	Y No loss
Landscape of the estuary, marshes, villages and	L2					l visual amenity here appropriate		d flood risk man	agement works.	Ensure conside	ration of existing	defences on la	ndscape and
industrial area, including existing defences		Y Maintain as is	P Maintai n as is but increas ed defence s	N Hard defences, impacts in visual quality of estuary landscape	P Loss of industrial estuary features, potential to enhance visual quality	N Degradatio n of visual amenity as defences fail and loss of estuary landscape features	P Maintain as is but increased defences	N Hard defences, impacts in visual quality of estuary landscape	P Loss of industrial estuary features, potential to enhance visual quality	P Loss of estuary landscape features, improved visual quality, more 'natural' coastline as defences fail	P Maintain as is but increased defences	N Hard defences, impacts in visual quality of estuary landscape	P Loss of industrial estuary features, potential to enhance visual quality
Υ		12	12	10	9	8	12	10	10	8	12	10	10
Р		1	2	1	4		2	1	4	1	1	1	4
N		4	3	6	4	9	3	6	3	8	4	6	3
Weighted Score		35	35.5	29.5	31	23	35.5	29.5	34	24.5	33.5	29.5	34

Feature	Rank					0-1	20 /111	to.	2025)						20-50 (u	ı to	2055)			1			50-100 (u	n ta	2105)		
reature	Halik		AI Bas	eline)	Н		20 (u)	AT		MI	₹		Al Baseline)	H	•		7L		MR		Al Baseline)	Н	•	A.		М	R
		_	efe	nces ain	im	aintai prove istino efence	e J		award ences	se	ealigned condary fences	D	efences fail	in	aintain / nprove kisting efences	in	aintain / nprove eaward efences		Maintain / improve secondary defences	N	o defences	in re	aintain / nprove / place kisting efences	im	aintain / aprove eaward efences	in	aintain / nprove econdary efences
Residential properties in	H2	0	BJ	ECTIVE:	Prev	ent lo	ss/ d	ama	ge to resid	entia	properties	fror	n flooding or	floc	od risk mana	gem	ent works										
and in vicinity of Hoo St Werburgh		Y	٨	lo loss	Y	No lo	oss	Y	No loss	Р	Potential loss dependant on realignment position	N	Potential damage to properties as defences fail	Υ	No loss	Y	No loss		P Potential loss dependant on realignment position	N	Potential damage to properties with increased inundation	Υ	No loss	Υ	No loss	P	Potential loss dependant on realignmer position
Commercial properties –	C3	0	BJ	ECTIVE:	Prev	ent lo	ss/ d	ama	ge to comn	nerci	al properties	fro	m flooding o	r flo	od risk man	ageı	ment works										
businesses in Hoo St Werburgh		Y	٨	lo loss	Y	No lo	oss	Υ	No loss	Y	No loss	N	Potential damage to properties as defences fail	>	No loss	Y	No loss		Y No loss	Z	Potential damage to properties with increased inundation	Y	No loss	~	No loss	Y	No loss
Community facilities in	H2	0	BJ	ECTIVE:	Prev	ent lo	ss/ d	ama	ge to comn	nunit	y facilities fr	om	flooding or f	lood	d risk manag	eme	ent works										
Hoo St Werburgh (such as churches, pubs, shops, schools, village halls)		Y	N	lo loss	Y	No lo	oss	Y	No loss	Y	No loss	N	Potential damage to facilities as defences fail	Y	No loss	Υ	No loss		Y No loss	N	Potential damage to facilities with increased inundation	Y	No loss	Y	No loss	Y	No loss
Kingsnorth Power Station	C1	0	BJ	ECTIVE:	Prev	ent lo	ss/ d	ama	ge/ disrupt	on to	Kingsnorth	Po	wer station a	nd	industrial an	d cc	mmercial a	rea	s from floodir	ng							
and Industrial and Commercial Areas		Y	N	lo loss	Y	No lo	oss	Y	No loss	Y	No loss	N	Loss / damage to Power Station potential release of contaminan ts	Y	No loss	Y	No loss		Y No loss	N	Loss / damage to Power Station potential release of contaminan ts	Y	No loss	Υ	No loss	Y	No loss
Major infrastructure e.g.	F2	0	BJ	ECTIVE:	Prev	ent lo	ss/ d	ama	ge/ disrupt	on to	infrastruct	ure	from flooding]													
local roads, bridges, railway line, services and communications, electricity pylons		Y	٨	lo loss	Y	No lo	oss	Y	No loss	Р	Loss / disruption to infrastructu re dependant on realignment	N	Loss / damage to infrastructu re as defences fail	Y	No loss	Y	No loss		P Loss / disruption to infrastructu re dependant on realignment	N	Loss / damage to infrastructu re with further inundation	Y	No loss	Υ	No loss	P	Loss / disruption infrastructu e dependa on realignmer position

POWER STATION TO COCK		טט																							
Feature	Rank				0-20 (u	p to	2025)						20-50 (u _l	to	2055)						50-100 (u	•			
		NA (B	Al aseline)	HT	ΓL	A	ΓL	М	R		Al Baseline)	H	TL	A	TL	M	IR	NA (B	Al aseline)	H.	TL	A	ΓL	MF	3
		_	fences main	im	aintain / aprove cisting efences		eaward efences	se	ealigned econdary efences	D	efences fail	in ex	aintain / nprove xisting efences	in Se	aintain / nprove eaward efences	in Se	laintain / nprove econdary efences	No	o defences	in re ex	aintain / nprove / place kisting efences	in se	aintain / aprove eaward efences	im se	nintain / prove condary fences
									position								position								
Public Footpaths,	R3	O	BJECTIVE 1	Pre	vent loss/	dis	ruption to fo	otpa	ath from floo	din	g and flood ri	sk ı	management	wo	rks										
including along flood defence embankments and shoreline (Saxon Shore Way)		Y	No loss	Y	No loss	Υ	No loss	Р	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N	Disruption to / loss of footpaths as defences fail	Υ	No loss	Υ	No loss	Р	Disruption to footpath on existing defences, opportunities s for new footpath on retreated defences	N	Loss of footpaths with further inundation	Y	No loss	Υ	No loss	P	Disruption of footpath on existing defences, opportunities for new footpath on retreated defences
		OF	BJECTIVE 2	See	ek opportu	ıniti	es to enhand	e fe	atures where	e ap	propriate														
		N	No opportunity	Y	Opportu nity for enhanc ement	Υ	Opportunity for enhanceme nt	Υ	Opportunity for enhanceme nt	N	No opportunity	Υ	Opportunity for enhanceme nt	Υ	Opportunity for enhanceme nt	Y	Opportunity for enhanceme nt	N	No opportunity	Υ	Opportunity for enhanceme nt	Y	Opportunity for enhanceme nt	Y	Opportunity for enhancement
Cockham Wood Fort	G2	OI	BJECTIVE: F	reve	ent loss/ d	ama	age to SM fro	m f	looding/ eros	ior	and risk ma	nag	ement works	;		<u> </u>	1	<u> </u>						<u> </u>	
		Υ	No loss	Y	No loss	Υ	No loss	Υ	No loss of SM	Υ	No loss	Υ	No loss	Υ	No loss	Y	No loss of SM	Υ	No loss	Υ	No loss	Y	No loss	Υ	No loss of SM
Non-statutory known and unknown heritage	G4								from floodin			ma	nagement w	orks	or impleme	nt a	ppropriate m	itiga	ition measur	es, i	including pre	ser	vation of evi	denc	e by
		Y	Loss acceptable as long as survey and record finds	Y	Loss accepta ble as long as survey, record and monitor finds	N	Loss of submerged interests not acceptable	Υ	Loss of buried heritage acceptable as long as survey, record and monitor finds	Y	Loss acceptable as long as survey and record finds	Y	Loss acceptable as long as survey, record and monitor finds	N	Loss of submerged interests not acceptable	Y	Loss of buried heritage acceptable as long as survey, record and monitor finds	Y	Loss acceptable as long as survey and record finds	Y	Loss acceptable as long as survey, record and monitor finds	N	Loss of submerged interests not acceptable	Y	Loss of buried heritage acceptable as long as survey, record and monitor finds
Facilities for recreation on the river, and associated	R2		BJECTIVE 1 propriate	Pre	vent loss/	daı	mage/ disrup	tion	to recreation	n ar	nd associated	bu	isiness from	floc	ding and flo	ı bo	risk managen	ent	works, Seek	ор	portunities to	en	hance featur	es w	here
business, including marina (sailing and windsurfing), Medway Yacht Club, Arethusa		Y	No loss	Y	No loss	N	Loss of moorings, narrower channel will	Р	Loss of facilities dependant on	N	Loss of facilities as defences fail	Υ	No loss	N	Loss of moorings, narrower channel will	Р	Loss of facilities dependant on	N	Loss of facilities with further inundation	Y	No loss	N	Loss of moorings, narrower channel will	Р	Loss of facilities dependant on

Feature	Rank				0-20 (u	p to	2025)						20-50 (uj	to	2055)						50-100 (u	p to	2105)		
		N. (B	AI Baseline)	Н			TL	М	R		Al Baseline)	Н	TL		TL	M	1R		AI Baseline)	Н	TL	A		MI	R
			efences main	in ex	aintain / nprove kisting efences	_	eaward efences	Se	ealigned econdary efences	D	efences fail	in e	laintain / nprove xisting efences	in	laintain / nprove eaward efences	in Se	laintain / mprove econdary efences	No	o defences	in re	aintain / nprove / eplace kisting efences	im se	aintain / nprove eaward efences	im	aintain / prove condary fences
Venture Centre, access to foreshore and river (including for fishing)							cause faster flows compromisi ng navigation safety		realignment position						cause faster flows compromisi ng navigation safety		realignment position						cause faster flows compromisi ng navigation safety		realignment position
Intertidal Habitat	E1	0	BJECTIVE 1:	Pro	mote bio	dive	rsity opportu	niti	es to enhanc	e /	create intertion	lab	habitat												
(including saltmarsh islands)		N	No opportunity	N	No opportu nity	N	No opportunity	Υ	Opportunity to create habitat	Υ	Opportunity to create habitat	N	No opportunity	N	No opportunity	Υ	Opportunity to enhance habitat	Υ	Opportunity to create habitat	N	No opportunity	N	No opportunity	Υ	Opportunity to enhance habitat
		0	BJECTIVE 2	Av	oid net los	s o	f intertidal ha	bita	at and associ	ate	d species fro	m c	oastal squee	ze a	and flood risk	ma	anagement w	orks	S					•	
		Р	Some loss of intertidal habitat with coastal squeeze in contempor ary eroding area, accretion elsewhere	P	Some loss of intertida I habitat with coastal squeez e in contem porary eroding area, accretio n elsewhe re	N	Loss of intertidal habitat as defences constructed seawards	Y	No net loss	Y	No net loss	P	Some loss of intertidal habitat with coastal squeeze in contempor ary eroding area, accretion elsewhere	N	Loss of intertidal habitat as defences constructed seaward and with coastal squeeze in front of advanced defences	Υ	No net loss	Y	No net loss	N	Net loss of intertidal habitat with coastal squeeze as sediment supply decreases	N	Loss of intertidal habitat as defences constructed seaward and with coastal squeeze in front of advanced defences	Y	No net loss
Coastal Grazing marsh habitat (including habitat	E2			Pro	mote bio	dive	rsity opportu			e /	create coasta	ıl gı		hat	oitat		,	, ,							
on the flood defence embankments)		N	No opportunity	N	No opportu nity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt.	N	No opportunity	Z	No opportunity	N	No opportunity	Р	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt.	Z	No opportunity	Z	No opportunity	N	No opportunity	Р	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt.	N	No opportunity

POWER STATION TO COCK	CHAM WO	OD																							
Feature	Rank				0-20 (up to	2025)						20-50 (up	to	2055)						50-100 (ι	p to	2105)		
		N. (B	Al Baseline)	F	ITL	А	TL	М	R	N. (E	Al Baseline)	Н	ITL	A.	TL	М	IR		Al Baseline)	Н	TL	A.	TL	М	R
			efences main	iı e	laintain / nprove xisting efences	_	eaward efences	se	ealigned econdary efences	De	efences fail	in ex	laintain / nprove xisting efences	im se	aintain / nprove eaward efences	in	laintain / nprove econdary efences	N	o defences	in re e:	aintain / nprove / eplace kisting efences	in	aintain / nprove eaward efences	in	aintain / nprove econdary efences
		0	BJECTIVE	2: A\	oid net lo	ss o	f coastal gra	zing	marsh and a	isso	ciated speci	es 1	from coastal s	squ	eeze and flo	od r	isk managen	ent	works						
		Υ	No net loss	Y	No net loss	Y	No net loss	N	Loss of habitat	N	Loss of habitat as defences fail	Υ	No net loss	Υ	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Υ	No net loss	Y	No net loss	N	Loss of habitat
Tower Hill to Cockham	E2	0	BJECTIVE	1: Pr	omote bio	dive	ersity opportu	ıniti	es to enhanc	e / c	create habita	t		,											
Wood		N	No opportuniti es	N	No opportu nities	Ν	No opportunitie s	N	No opportunitie s	Z	No opportunitie s	N	No opportunitie s	Z	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	Z	No opportunitie s	Ν	No opportunitie s
		0	BJECTIVE	2: Pr	event los:	s/ da	mage to desi	gna	ted site from	ero	sion/ risk ma	ana	gement works	3			ı		ı		l				1
		Υ	No loss	Y	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Landscape of the estuary, marshes, villages and	L2						ition of lands unities to enh						n flooding an	d flo	ood risk mar	age	ment works.	Ens	sure conside	ratio	on of existing	de	fences on lar	ndso	cape and
industrial area, including existing defences		Υ	Maintain as is	P	Maintai n as is but increas ed defence s	N	Hard defences, impacts in visual quality of estuary landscape	Y	Potential to enhance visual quality	N	Degradatio n of visual amenity as defences fail	Р	Maintain as is but increased defences	N	Hard defences, impacts in visual quality of estuary landscape	Y	potential to enhance visual quality	Υ	Improved visual quality, more 'natural' coastline as defences fail	Р	Maintain as is but increased defences	N	Hard defences, impacts in visual quality of estuary landscape	Y	potential to enhance visual quality
Υ	1		12		12		10		10		5		12		10		10		6		12		10		10
P			1		2		1		4		0		2		1		4		0		1		1		4
N			4		3		6		3		12		3		6		3		11		4		6		3
Weighted Score			35		35.5		29.5		34.5		15		35.5		29.5		37.5		18		33.5		29.5		37.5

COCKHAM WOOD																		
Feature	Rank			0-20 (up to 2025)					2	0-50 (up to 2055)					50-	-100 (up to 2105)		
		NAI (Baseline)		HTL (Heritage locations)	М	R	N. (B	Al aseline)	(F	TL leritage cations)	M	R		Al Baseline)	(F	TL leritage ocations)	М	₹
		No defences		New defences around SM	re	anaging rate of ecession of high nd	N	o defences	in	aintain / nprove new efences	re	anaging rate of ecession of high nd	N	o defences	in	laintain / nprove efences	of	naging rate recession of gh land
Residential properties in and	H2	OBJECTIVE: Pr	event	oss/ damage to res	iden	itial properties fro	m fl	ooding or flood ri	sk m	nanagement works	3							
in vicinity of Hoo St Werburgh		Y No loss		Y No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Commercial properties –	C3	OBJECTIVE: Pr	event	oss/ damage to cor	nme	ercial properties fr	om 1	flooding or flood	risk	management work	s							
businesses in Hoo St Werburgh		Y No loss		Y No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Community facilities in Hoo	H2	OBJECTIVE: Pr	event	oss/ damage to cor	nmu	ınity facilities fron	ı flo	oding or flood ris	k ma	anagement works								
St Werburgh (such as churches, pubs, shops, schools, village halls)		Y No loss		Y No loss	Υ	No loss	Y	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Y	No loss	Υ	No loss
Major infrastructure e.g.	F2	OBJECTIVE: Pr	event	oss/ damage/ disru	ptio	n to infrastructure	fro	m flooding			1			•				
local roads, bridges, railway line, services and communications, electricity pylons		Y No loss		Y No loss	Y	No loss	Υ	No loss	Y	No loss	Y	No loss	Y	No loss	Y	No loss	Y	No loss
Public Footpaths, including	R3	OBJECTIVE 1: I	Prever	t loss/ disruption to	foo	tpath from floodir	ng a	nd flood risk man	ager	nent works								
along flood defence embankments and shoreline (Saxon Shore Way)		N Potential loss of footpath	of	P No loss around SM, but potential increased erosion of paths either side	N	Potential loss of footpath	N	Potential loss of footpath	Р	No loss around SM, but potential increased erosion of paths either side	N	Potential loss of footpath	N	Potential loss of footpath	Р	No loss around SM, but potential increased erosion of paths either side	N	Potential loss of footpath
		OBJECTIVE 2: 9	Seek c	pportunities to enha	ance	features where a	ppro	priate						l .		1		
		N No opportunitie	es	N No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities
Cockham Wood Fort	G2	OBJECTIVE: Pr	event	oss/ damage to SM	fror	m flooding/ erosio	n an	d risk manageme	nt w	orks				•				
		N Damage to SM		P Prevents damage / loss from flood and erosion, potential damage from flood risk management works	N	Damage to SM	N	Damage / potential loss of SM	P	Prevents damage /loss from flood and erosion, potential damage from flood risk management works	N	Damage to SM	N	Loss of SM	P	Prevents damage / loss from flood and erosion, potential damage from flood risk management works	N	Damage to SM
Non-statutory known and unknown heritage	G4	OBJECTIVE 1: I record	Prever	t loss/ damage to h	erita	ige from flooding	and	flood risk manag	eme	nt works or imple	nen	t appropriate mitig	gatio	on measures, ir	nclud	ding preservation	n of	evidence by

COCKHAM WOOD										
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL (Heritage locations)	MR	NAI (Baseline)	HTL (Heritage locations)	MR	NAI (Baseline)	HTL (Heritage locations)	MR
		No defences	New defences around SM	Managing rate of recession of high land	No defences	Maintain / improve new defences	Managing rate of recession of high land	No defences	Maintain / improve defences	Managing rate of recession of high land
		Y As long as survey, record and monitor finds	Y As long as survey, record and monitor finds	Y As long as survey, record and monitor finds	Y As long as survey, record and monitor finds	Y As long as survey, record and monitor finds	Y As long as survey, record and monitor finds	Y As long as survey, record and monitor finds	Y As long as survey, record and monitor finds	Y As long as survey, record and monitor finds
		OBJECTIVE 2: Seek	opportunities to enh	ance features where a	ppropriate					
		N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities
Facilities for recreation on the river, and associated	R2	OBJECTIVE 1: Preve appropriate	ent loss/ damage/ dis	ruption to recreation a	and associated busine	ess from flooding and	flood risk manageme	nt works, Seek oppo	ortunities to enhance	e features where
business, including marina (sailing and windsurfing), Medway Yacht Club, Arethusa Venture Centre, access to foreshore and river (including for fishing)		N Potential loss of access to foreshore	P Disruption to pathways/recreati on areas due to flood risk management works	N Potential loss of access to foreshore	N Potential loss of access to foreshore	P Disruption to pathways/recreati on areas due to flood risk management works	N Potential loss of access to foreshore	N Potential loss of access to foreshore	P Disruption to pathways/recre ation areas due to flood risk management works	N Potential loss of access to foreshore
Intertidal Habitat (including	E1	OBJECTIVE 1: Prom	note biodiversity oppo	ortunities to enhance /	create intertidal habit	tat				
saltmarsh islands)		N No biodiversity opportunities	N No biodiversity opportunities	N No biodiversity opportunities	N No biodiversity opportunities	N No biodiversity opportunities	N No biodiversity opportunities	N No biodiversity opportunities	N No biodiversity opportunities	N No biodiversity opportunities
		OBJECTIVE 2: Avoid	d net loss of intertida	I habitat and associate	ed species from coast	tal squeeze and flood	risk management wor	ks		
		Y No net loss	N Net loss of intertidal habitat due to coastal squeeze in front of defences, potential damage to beach due to erosion around ends of defences	Y No net loss	Y No net loss	N Net loss of intertidal habitat due to coastal squeeze in front of defences, potential damage to beach due to erosion around ends of defences	Y No net loss	Y No net loss	N Net loss of intertidal habitat due to coastal squeeze in front of defences, potential damage to beach due to erosion around ends of defences	Y No net loss
Tower Hill to Cockham Wood	E2	OBJECTIVE 1: Prom	note biodiversity oppo	ortunities to enhance of	create current habitat					
		N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities
		OBJECTIVE 2: Preve	ent loss/ damage to d	esignated site from er	osion/ risk manageme	ent works				
		Y Allows natural beach migration landward, no loss	P Will protect cliffs behind SM, but cause erosion of beach adjacent to	Y Allows natural beach migration landward, no loss	P Natural migration of beach landward, however	P Will protect cliffs behind SM, but cause erosion of beach adjacent to	P Natural cliff erosion, although at a managed rate	P Natural migration of beach landward,	P Will protect cliffs behind SM, but cause erosion of	P Natural cliff erosion, although at a

COCKHAM WOOD										
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL (Heritage locations)	MR	NAI (Baseline)	HTL (Heritage locations)	MR	NAI (Baseline)	HTL (Heritage locations)	MR
		No defences	New defences around SM	Managing rate of recession of high land	No defences	Maintain / improve new defences	Managing rate of recession of high land	No defences	Maintain / improve defences	Managing rate of recession of high land
		of designated site	defence	of designated site	narrowing of beach with coastal squeeze, possible cliff erosion	defence		however narrowing of beach with coastal squeeze, possible cliff erosion	beach adjacent to defence	managed rate
Landscape of the estuary, marshes, villages and	L2		ent degradation of lan ds. Seek opportunities			oding and flood risk m	nanagement works. Er	sure consideration	of existing defence	s on landscape
industrial area, including existing defences		Y Maintain as is	N Will degrade historic / estuary landscape, new hard defences	Y Maintain as is	Y Maintain as is	N Will degrade historic / estuary landscape, hard defences	Y Maintain as is	Y Maintain as is	N Will degrade historic / estuary landscape, hard defences	Y Maintain as is
Υ		8	5	8	7	5	7	7	5	7
P		0	4	0	1	4	1	1	4	1
N		7	6	7	7	6	7	7	6	7
Weighted Scale		22	17.5	22	20.5	17.5	20.5	20.5	17.5	20.5

Feature	Rank				0-20 (u	p to	2025)						20-50 (up	to	2055)						50-100 (u	p to	2105)		
		NAI (Baseline)		HTL	-	A	ΓL	(V	R Vhitewall reek)		IAI Baseline)	H.	ΓL	Α٦	ΓL		R /hitewall reek)	N. (B	Al Baseline)	Н	ΓL	Α٦	L		l hitewall eek)
		Failure of defences between Rochester and Medwa Bridges	y	imp exis	ntain / rove sting ences		eaward fences		econdary efences	r	ailure of emaining lefences	in	aintain / nprove efences	im	aintain / prove award fences	im se	aintain / iprove condary efences	No	o defences	im	aintain / iprove ifences	im	nintain / prove award fences	imp	intain / prove condary ences
Residential properties at	H2	OBJECTIVE	: Pre	vent	loss/ dam	age	to residential pr	ope	rties from flo	ood	ling or flood r	isk	managemen	t wc	orks				1						
Frindsbury and Strood / Lower and Upper Upnor		N Potentia damage a limited number propertie	of	Y	No loss	Y	No loss	Y	No loss	٨	Potential damage to / loss of a limited number of properties with further inundation	Y	No loss	Y	No loss	Y	No loss	N	Potential loss of a limited number of properties with further inundation	Y	No loss	Y	No loss	Y	No loss
Commercial properties –	C2	OBJECTIVE	: Pre	vent	loss/ dam	age	to commercial p	rop	erties from f	loo	ding or flood	risl	manageme	nt w	orks										
including businesses and industrial areas on Medway City Estate (including commercial wharves) and along river frontage		N Damage / loss of commerc propertie	cial	Y	No loss	Y	No loss	Y	No loss, secondary defences protect commercia I assets	N	Loss of commercia I properties with further inundation	Y	No loss	Y	No loss	Y	No loss, secondary defences protect commercia I assets	N	Loss of commercia I properties with further inundation	Y	No loss	Y	No loss	Y	No loss, secondar defences protect commerci assets
Community facilities at	H2	OBJECTIVE	: Pre	vent	loss/ dam	age	to community fa	cili	ties from flo	odi	ng or flood ris	sk n	nanagement	wor	ks				•		•				
Frindsbury and Strood (such as churches, pubs, shops, schools, village halls)		N Potentia damage a limited number facilities		Y	No loss	Y	No loss	Y	No loss	N	Damage to / loss of facilities with further inundation	Y	No loss	Y	No loss	Y	No loss	N	Loss of facilities with further inundation	Y	No loss	Υ	No loss	Y	No loss
Major infrastructure e.g.	F2	OBJECTIVE	: Pre	vent	loss/ dam	age/	disruption to in	fras	tructure fro	m fl	ooding														
Medway Tunnel, local roads, bridges, main railway line and station, services and communications		N Disruptic damage infrastrurre	to	Y	No loss	Y	No loss	Y	No loss, secondary defences protect Infrastructu re (Medway tunnel approach)	٨	Damage to / loss of infrastructu re with further inundation	Y	No loss	Y	No loss	Y	No loss, secondary defences protect Infrastructu re (Medway tunnel approach)	N	Loss of infrastructu re with further inundation	Y	No loss	Y	No loss	Y	No loss, secondar defences protect Infrastruc e (Medwatunnel approach
Facilities for recreation on	R2	OBJECTIVE	1: P	reve	nt loss/ da	mag	e/ disruption to	reci	eation and a	sse	ociated busin	ess	from flooding	ng a	nd flood risk	ma	ınagement w	ork	s						
the river, and associated business, including Strood Pier, Strood Sailing Club, moorings		N Disruption to / damage / loss of		Y	No loss	N	Loss of moorings, narrow channel	Υ	No loss	N	Damage to / loss of facilities	Y	No loss, opportuniti es for	N	Loss of moorings, narrow	Υ	No loss	N	Loss of facilities with further	Υ	No loss, opportuniti es for	N	Loss of moorings, narrow	Υ	No loss

Feature	Rank				0-20 (u	o to	2025)						20-50 (up	to :	2055)						50-100 (u	o to	2105)		
		NA (Ba	l seline)	Н	TL .	Α٦	rL .	(V	IR Vhitewall reek)	N/ (B	Al aseline)	H.	TL	Α٦	rL .		R /hitewall reek)	NA (B	Al aseline)	НТ	rL .	АТ	L	MR (Wh	nitewall
		def bet Roc and	lure of ences ween chester d Medway dges	im	aintain / prove isting fences		eaward Ifences		econdary efences	re	ilure of maining fences	im	aintain / nprove efences	im	aintain / iprove award ifences	im se	aintain / prove condary fences	No	defences	im	aintain / prove fences	im	intain / prove award ences	imp sec	ntain / prove condary ences
and slipways, access to foreshore and river (including for fishing) Also Medway Valley Leisure Park (cinema/ restaurant complex)			facilities as defences fail				increased flows compromising safe navigation				inundation		ent		may cause increased flows compromis ing safe navigation				inundation		ent		may cause increased flows compromis ing safe navigation		
restaurant complex)		ОВ	JECTIVE 2: 9	Seel	opportuniti	es to	enhance featur	res	where appro	pria	te														
		Z	No opportunity	~	Opportunity to enhance	Y	Opportunity to enhance, potential to create new recreation facilities in reclaimed area	N	No opportunity	N	No opportunity	Y	Opportunit y to enhance	Y	Opportunit y to enhance, potential to create new recreation facilities in reclaimed area	Z	No opportunity	Z	No opportunity	Y	Opportunit y to enhance	Y	Opportunit y to enhance, potential to create new recreation facilities in reclaimed area	Z	No opportunity
Public Footpaths,	R3	ОВ	JECTIVE 1: I	Prev	ent loss/ dis	rupt	ion to footpath f	iron	n flooding ar	nd fl	ood risk mar	nage	ement works												
including Saxon Shore Way and riverside walkway in urban areas		Z	Disruption to / loss of footpaths as defences fail	Y	No loss	Y	No loss, opportunities for enhancement	Υ	No loss	N	Loss of footpaths with further inundation / erosion	Y	No loss	Y	No loss, opportuniti es for enhancem ent	Y	No loss	N	Loss of footpaths with further inundation / erosion	Y	No loss	Y	No loss, opportuniti es for enhancem ent	Y	No loss
		ОВ	JECTIVE 2: 9	Seel	opportuniti	es to	enhance featur	res	where appro	pria	te										•				
		N	No opportunity	Y	Opportunity to enhance features	Y	Opportunity to enhance features	N	No opportunity	N	No opportunity	Υ	Opportunit y to enhance features	Υ	Opportunit y to enhance features	N	No opportunity	N	No opportunity	Y	Opportunit y to enhance features	Υ	Opportunit y to enhance features	N	No opportunity
Temple Marsh	E4	ОВ	JECTIVE 1: I	Pron	note biodive	sity	opportunities to	o er	nhance / crea	ate c	urrent habita	at													
		N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity
		ОВ	JECTIVE 2: I	Prev	ent net loss	of h	abitats and asso	ocia	ted species	fron	flooding an	ıd fl	ood risk mar	nage	ement works	;									
		Ν	Erosion of habitat	Υ	No loss of habitat	Υ	No net loss of habitat	Υ	No loss	N	Erosion of habitat	Υ	No loss of habitat	Υ	No net loss of habitat	Υ	No loss	N	Erosion of habitat	Υ	No loss of habitat	Υ	No net loss of habitat	Υ	No loss

Feature	Rank				0-20 (up	o to	2025)						20-50 (up	to '	2055)						50-100 (u	n to	2105)		
reature	nalik	NA (Ba	l aseline)	Н		A.		(V	R Vhitewall reek)	N/ (B	AI aseline)	нт		A1		•	R /hitewall eek)	N. (B	Al Baseline)	нт	•	ΑT		MR (Wi	nitewall
		dei bei Ro and	llure of fences tween chester d Medway dges	im	aintain / iprove iisting ifences		eaward efences		econdary efences	re	ailure of maining efences	im	nintain / prove fences	im	aintain / iprove eaward efences	im	aintain / prove condary fences	N	o defences	im	aintain / prove fences	im	intain / prove award fences	imp	ntain / prove ondary ences
		N	Potential damage to SM	Υ	No loss	Υ	No loss	Υ	No loss	N	Loss of SM with further inundation	Y	No loss	Υ	No loss	Y	No loss	N	Loss of SM	Υ	No loss	Υ	No loss	Y	No loss
		OB	SJECTIVE 2: S	Seel	opportunitie	es t	o enhance featur	es	where appro	pria	ite														
		N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity
Upnor Castle	G2	OB	JECTIVE 1: F	Prev	ent loss/ dan	nag	e to SM from floo	odiı	ng and flood	risk	manageme	nt w	orks												
		Y	No loss	Υ	No loss	Υ	No loss	Υ	No loss	N	Damage to SM	Y	No loss	Υ	No loss	Υ	No loss	N	Damage to / loss of SM	Υ	No loss	Υ	No loss	Y	No loss
		OB	JECTIVE 2: S	Seel	opportunitie	es t	o enhance featur	es	where appro	pria	ite					1 1								1	
		Ν	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity
Non-statutory known and unknown heritage	G4						e to heritage from ures where appro			loo	d risk manag	geme	ent works or	imp	olement appi	ropri	iate mitigati	on i	measures, in	clud	ling preserv	atio	of evidence	by	record.
		Z	Potential loss of heritage features unacceptab le	Y	No loss	N	Loss of submerged heritage features unacceptable	N	Loss of heritage features unaccepta ble	Z	Potential loss of heritage features unaccepta ble	Y	No loss	Z	Loss of submerged heritage features unaccepta ble	N	Loss of heritage features unaccepta ble	N	Potential loss of heritage features unaccepta ble	Y	No loss	N	Loss of submerged heritage features unaccepta ble	N	Loss of heritage features unacceptable
Landscape of the estuary	L3	OB	JECTIVE 1: F	Prev	ent degradat	ion	of landscape qu	alit	y and visual	ame	enity from flo	odi	ng and flood	l ris	k manageme	nt w	vorks. Seek	opp	ortunities to	enh	nance featur	es w	here approp	riate	!
and urban area		N	Degradatio n of urban landscape quality as defences fail	Р	Maintain as is but increased defences	N	Hard defences, impacts on visual landscape of river and urban area	Y	Opportunit y to improve visual quality	Ν	Degradatio n of urban landscape quality	Р	Maintain as is but increased defences	N	Hard defences, loss of estuary landscape features	Y	Opportunit y to improve visual quality	N	Degradatio n of urban landscape	Р	Maintain as is but increased defences	N	Hard defences, loss of estuary landscape features	Y	Opportunity to improve visual quality
Υ			1		12		10		10		0		12		10		10		0		12		10		10
Р			0		1		0		0		0		1		0		0		0		1		0		0
N			15		3		6		6		16		3		6		6		16		3		6		6
Weighted Score			3		31		26		26		0		31		26		26		0		31		26		26

Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
reature	naiik	NAI (Baseline)	HTL	MR (Location 2: where no railway)	NAI (Baseline)	HTL	MR (1. Whole frontage and 2: where no railway)	NAI (Baseline)	HTL	MR (1. Whole frontage and 2: where no railway)
		Defences fail	Maintain / improve / replace defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences
Residential properties on	H2	OBJECTIVE: Prever	nt loss/ damage to res	idential properties fro	m flooding or flood ris	k management works	3			
the edge of Halling / North Halling / Cuxton		P potential damage as defences fail	Y No loss	Y 2. No loss	P Potential damage to properties if railway fails	Y No loss	P 1. potential loss of properties at Cuxton dependant on realignment position Y 2. No loss	P Potential damage to properties if railway fails	Y No loss	P 1. potential loss of properties at Cuxton dependant on realignment position Y 2. No loss
Commercial properties	C3	OBJECTIVE: Prever	nt loss/ damage to con	nmercial properties fr	om flooding or flood r	isk management work	(S			
and industrial areas along river frontage – including near Halling (including commercial wharves) and Cuxton Industrial Estate		N Loss of properties as defences fail	Y No loss	Y 2. No Loss	N Loss of properties with further inundation	Y No loss	P 1. Loss of properties and industrial areas dependant on realignment position Y 2. No loss	N Loss of properties	Y No loss	P 1. Loss of properties and industrial areas dependant on realignment position Y 2. No loss
Major infrastructure e.g.	F2	OBJECTIVE: Prever	nt loss/ damage/ disru	ption to infrastructure	from flooding	1 1		1 1	<u> </u>	
local roads, bridges, main railway line and station, services and communications Also M2 and Channel Tunnel Rail Link bridge piers		N Loss of infrastructure as defences fail	Y No loss of infrastructure	Y 2. No loss, defences constructed seaward of infrastructure	N Loss of infrastructure with further inundation	Y No loss of infrastructure	P 1. Loss of infrastructure dependant on realignment position Y 2. No loss	N Loss of infrastructure	Y No loss of infrastructure	P 1. Loss of infrastructure dependant on realignment position Y 2. No loss
Facilities for recreation on the river, and associated	R2	OBJECTIVE 1: Prevappropriate	ent loss/ damage/ disr	uption to recreation a	and associated busine	ss from flooding and	flood risk managemen	t works, Seek opport	unities to enhance	features where
business, including Port Medway Marina, The Rochester Queen, allotments at Cuxton, moorings and slipways,		N Damage to / loss of recreation facilities as defences fail	Y No loss	N 2. Loss of recreation area	N Loss of recreation facilities with further inundation	Y No loss	P 1. Loss of recreation facilities dependant on realignment position	N Loss of recreation facilities	Y No loss	P 1. Loss of recreation facilities dependant on realignment position

MEDWAY BRIDGE TO NOR	TH HALLII	IG								
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR (Location 2: where no railway)	NAI (Baseline)	HTL	MR (1. Whole frontage and 2: where no railway)	NAI (Baseline)	HTL	MR (1. Whole frontage and 2: where no railway)
		Defences fail	Maintain / improve / replace defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences
access to foreshore and river (including for fishing)							N 2. Loss of recreation area			N 2. Loss of recreation area
Public Footpaths,	R3	OBJECTIVE 1: Pre	ent loss/ disruption to	footpath from flooding	ng and flood risk man	agement works				
including Saxon Shore Way		N Disruption to / loss of footpaths as defences fail	Y No loss	P 2. Disruption to existing footpaths, opportunities for new footpath on retreated defences	N Loss of footpaths with further inundation	Y No loss	P 1. Disruption to existing footpaths, opportunities for new footpath on retreated defences P 2. As above	N Loss of footpaths	Y No loss	P 1. Disruption to existing footpaths, opportunities for new footpath on retreated defences P 2. As above
		OBJECTIVE 2: See	k opportunities to enh	ance features where a	ppropriate	1 1	1 1	1 1		1
		N No opportunity	Y Opportunity to enhance	Y 2. Opportunity to enhance	N No opportunity	Y Opportunity to enhance	Y 1. Opportunity to enhance Y 2. Opportunity to enhance	N No opportunity	Y Opportunity to enhance	Y 1. Opportunity to enhance Y 2. Opportunity to enhance
Non-statutory known and unknown heritage	G4			eritage from flooding atures where appropr		ement works or imple	ment appropriate mitig	gation measures, incli	uding preservation	of evidence by
		Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y 2. Loss of buried heritage acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y 1. Loss of buried heritage acceptable as long as survey, record and monitor finds Y 2. Loss of buried heritage acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y 1. Loss of buried heritage acceptable as long as survey, record and monitor finds Y 2. Loss of buried heritage acceptable as long as survey, record and monitor finds
Landscape of the river valley, including existing	L1			l l ndscape quality and vi enhance features whe		oding and flood risk r	nanagement works. Er	nsure consideration o	f existing defences	
flood defences		N Degradation of river landscape quality as	P Maintain as is but increased	Y 2. Opportunity to improve visual	P Loss of river landscape, improved visual	P Maintain as is but increased	P 1. Loss of river valley features, degradation of	P Loss of river landscape, improved visual	P Maintain as is but increased	P 1. Loss of river valley features, degradation of

MEDWAY BRIDGE TO NO	RTH HALLIN	IG										
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			Į.	50-100 (up to 2105)		
		NAI (Baseline)	HTL	MR (Location 2: where no railway)	NAI (Baseline)	HTL	MR (1. Whole and 2: wi railway)	e frontage nere no	NAI (Baseline)	HTL	MR (1. Who frontag where r railway	e and 2: 10
		Defences fail	Maintain / improve / replace defences	Secondary defences	No defences	Maintain / improve defences	Maintain improve secondar defences	ry	No defences	Maintain / improve defences	Maintai improve second defence	e ary
		defences fail	defences	quality	quality, more 'natural' shoreline as defences fail	defences	more 'i river' 2. Opp	ortunity to e visual of	quality, more 'natural' shoreline as defences fail	defences	more river 2. Of to im visua	scape, e 'natural'
Υ		1	7	6	1	7	2	6	1	7	2	6
Р		1	1	1	2	1	6	1	2	1	6	1
N		6	0	1	5	0	0	1	5	0	0	1
Weighted Score		4.5	18	16	4.5	18	11.5	16	4.5	18	11.5	16

NORTH HALLING TO Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
reature	Hank			T			T			T
		NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR
		Defences at Halling remain, failure of defences elsewhere	Maintain / improve defences	Secondary defences	Failure of defences at Halling	Maintain / improve defences	Maintain / improve secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences
Residential	H2	OBJECTIVE: Pre	event loss/ damage to	residential properties	from flooding or flood	risk management wo	orks		•	
properties on the edge of Halling / north Halling / Snodland		N Damage to properties dependant on where defences fail	Y No loss	Y No loss	N Loss of properties with further inundation	Y No loss	Y No loss	N Loss of properties	Y No loss	Y No loss
Commercial	C3	OBJECTIVE: Pre	event loss/ damage to	commercial properties	s from flooding or floo	d risk management w	rorks			
properties and industrial areas along river frontage – including near Halling (including commercial wharves) and Cuxton Industrial Estate		N Damage to properties dependant on where defences fail	Y No loss	P Possible damage to / loss dependant on realignment position	N Loss of properties with further inundation	Y No loss	P Possible damage to / loss dependant on realignment position	N Loss of properties	Y No loss	P Possible damage to / loss dependant on realignment position
Land at Halling	E4	OBJECTIVE 1: P	romote biodiversity o	pportunities to enhance	ce / create freshwater	habitat	'	1 1		
		N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities
		OBJECTIVE 2: P	revent loss/ damage t	o habitats and associa	ated species from floo	ding and flood risk m	anagement works			
		N Loss of existing freshwater habitats as defences fail	Y No loss of habitat	N Loss of existing freshwater habitats	N Loss of existing freshwater habitats with further inundation	Y No loss of habitat	N Loss of existing freshwater habitats	N Loss of existing freshwater habitats with further inundation	Y No loss of habitat	N Loss of existing freshwater habitats
		OBJECTIVE 2: P	romote biodiversity o	pportunities to enhance	ce / create intertidal / b	rackish habitat				
		Y Opportunity to create haitat	N No opportunity	Y Opportunity to create haitat	Y Opportunity to create haitat	N No opportunity	Y Opportunity to create haitat	Y Opportunity to create haitat	N No opportunity	Y Opportunity to create haitat
Major infrastructure e.g. local roads,	F2	OBJECTIVE: Pre	event loss/ damage/ di	sruption to infrastruct	ure from flooding					
bridges, main railway line and station, services and communications		N Damage to railway at Holborough as defences fail	Y No loss	Y No loss	N Loss of railway at Holborough	Y No loss	Y No loss	N Loss of railway at Holborough and south of North Halling	Y No loss	Y No loss
								9		

Feature	Rank			0)-20 (up to 2025)					20	-50 (up to 2055)					50	0-100 (up to 2105)		
		NAI (Baseline)		НТІ	· · · /	М	R		Al Baseline)	Н		М	IR	N. (E	Al Baseline)	Н		МІ	1
		Defences a Halling rem failure of defences elsewhere			intain / prove defences		econdary efences	de	ailure of efences at alling		nintain / prove defences	in	laintain / nprove econdary efences	N	o defences		aintain / nprove defences	se	nintain / improve condary fences
Link bridge piers				Т															
Holborough Marshes	E3	OBJECTIVE	1: Pr	omot	te biodiversity op	por	tunities to enhanc	e / e	create freshwater	habi	at								
		N No opportuni	ies	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities
		OBJECTIVI	2: Pre	even	t loss/ damage to	ha	bitats and associa	ted	species from floo	ding	and flood risk m	anaç	gement works						
		N Damage of existing freshwate habitats a defences	r s	Y	No loss	N	Loss of existing freshwater habitats	N	Damage / loss of existing freshwater habitats with further inundation	Υ .	No loss	N	Loss of existing freshwater habitats	N	Damage / loss of existing freshwater habitats with further inundation	Υ	No loss	Z	Loss of existing freshwater habitats
Snodland Meadow	E4	OBJECTIVE	1: Pr	omot	te biodiversity op	por	tunities to enhanc	e / e	create habitat										
		N No opportuni	ies	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	Ν	No opportunities
		OBJECTIVI	2: Pr	even	t loss/ damage to	ha	bitats and associa	ted	species from floo	ding	and flood risk m	anaç	gement works						
		N Damage of existing freshwate habitats a defences	r s	Υ	No loss	N	Loss of existing freshwater habitats	N	Damage / loss of existing freshwater habitats with further inundation	Y	No loss	N	Loss of existing freshwater habitats	N	Damage / loss of existing freshwater habitats with further inundation	Y	No loss	N	Loss of existing freshwater habitats
Facilities for recreation on the	R2	OBJECTIVI appropriate	1: Pr	even	t loss/ damage/ d	lisru	uption to recreatio	n ar	nd associated bus	ines	from flooding a	nd fl	lood risk managen	nent	works, Seek oppo	ortui	nities to enhance	featu	ires where
river, and associated business, including Port Medway Marina, The Rochester Queen, allotments at Cuxton, moorings and slipways, access to foreshore and river (including for fishing)		N Damage disruption recreation facilities a defences	s	Y	No loss	P	Possible loss / damage dependant on realignment position	N	Damage / disruption to recreation facilities with further inundation	Y	No loss	Р	No further loss, potential disruption during flood risk management works	N	Damage / disruption to recreation facilities with further inundation	Y	No loss	P	No further loss, potential disruption during flood risk management works
Public Footpaths,	R3	OBJECTIVI	1: Pre	even	t loss/ disruption	to	footpath from floo	din	g and flood risk m	anaç	ement works	1	1						
including Saxon Shore Way		N Disruption loss of footpaths		Υ	No loss	Р	Disruption to existing footpath, opportunities for	N	Loss of footpaths with further inundation	Υ	No loss	Р	Disruption to existing footpath, opportunities for	N	Loss of footpaths	Υ	No loss	Р	Disruption to existing footpath, opportunities for

NORTH HALLING TO	SNODLAN	ID								
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR
		Defences at Halling remain, failure of defences elsewhere	Maintain / improve defences	Secondary defences	Failure of defences at Halling	Maintain / improve defences	Maintain / improve secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences
		defences fail		new footpath on retreated defences			new footpath on retreated defences			new footpath on retreated defences
		OBJECTIVE 2: S	eek opportunities to	enhance features where	e appropriate					
		N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement	N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement	N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement
Bishops Palace at	G2	OBJECTIVE 1: P	revent loss/ damage	to SM from flooding an	d flood risk managem	nent works				
Halling, The visible ruins are set back from the river but		Y No loss	Y No loss	Y No loss	N Damage / loss of SM as defences fail	Y No loss	Y No loss	N Damage / loss of SM	Y No loss	Y No loss
the historic access to the site that		OBJECTIVE 2: S	eek opportunities to	enhance features where	e appropriate	1 1				
served the Bishop of Rochester was by boat at what is a historic ferry crossing.		N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity
Non-statutory known and unknown	G4			o heritage from floodir e features where appro		agement works or imp	olement appropriate n	mitigation measures, i	ncluding preservation	of evidence by
heritage		Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	N Loss unacceptable at Halling	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	N Loss unacceptable at Halling	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds
Landscape of the river valley,	L1			landscape quality and to enhance features w		flooding and flood ris	k management works	s. Ensure consideratio	n of existing defences	on landscape and
including existing flood defences		P Maintain as is at Halling, degradation of landscape visual quality as defences fail	P Maintain as is but increased defences	P Loss of river valley features Improved visual quality, more 'natural' shoreline elsewhere	P Degradation of visual quality as remaining defences fail, loss of river valley landscape features, Improved visual quality, more 'natural' shoreline elsewhere	P Maintain as is but increased defences	P Loss of river valley features Improved visual quality, more 'natural' shoreline elsewhere	P Degradation of visual quality as remaining defences fail, loss of river valley landscape features, Improved visual quality, more 'natural' shoreline elsewhere	P Maintain as is but increased defences	P Loss of river valley features Improved visual quality, more 'natural' shoreline elsewhere

NORTH HALLING	TO SNODLAN	ND								
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR
		Defences at Halling remain, failure of defences elsewhere	Maintain / improve defences	Secondary defences	Failure of defences at Halling	Maintain / improve defences	Maintain / improve secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences
Υ		3	11	6	1	11	6	1	11	6
P		1	1	4	1	1	4	1	1	4
N		13	5	7	15	5	7	15	5	7
Weighted Score		9	25	20.5	5	25	20.5	5	25	20.5

SNODLAND TO ALLINGTON	LOCK	3								
Feature	Rank		0-20 (up to 2025)		20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR
		Defences remain between Aylesford Station and Allington Lock, remaining defences fail	Maintain / improve defences	Secondary defences	Defences fail between Aylesford and Allington Lock	Maintain / improve defences	Maintain / improve secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences
Residential properties in	H2	OBJECTIVE: Pre	vent loss/ damage	to residential propertie	es from flooding or flo	od risk management	works			
New Hythe, Lunsford, Leybourne Lakes and Aylesford		N Damage / loss of properties	Y No loss	Y No loss as defences seaward of roads	N Damage / loss of properties	Y No loss	Y No loss as defences seaward of roads	N Damage / loss of properties	Y No loss	Y No loss as defences seaward of roads
Commercial properties –	C2	OBJECTIVE: Pre	vent loss/ damage	to commercial propert	ies from flooding or f	ood risk managemen	works			
businesses in New Hythe, Lunsford, Leybourne Lakes and Aylesford		N Damage / loss of properties	Y No loss	Y No loss	N Damage / loss of properties	Y No loss	Y No loss	N Damage to / loss of properties	Y No loss	Y No loss
Community facilities in	H2	OBJECTIVE: Pre	vent loss/ damage	to community facilities	from flooding or floo	d risk management w	orks		1 1	
New Hythe, Lunsford, Leybourne Lakes and Aylesford (such as churches, pubs, shops, schools, village halls)		N Damage / loss of facilities	Y No loss	Y No loss as defences seaward of roads	N Damage / loss of facilities	Y No loss	Y No loss as defences seaward of roads	N Damage / loss of facilities	Y No loss	Y No loss as defences seaward of roads
Industrial areas, including	C1	OBJECTIVE: Pre	vent loss/ damage/	disruption to industria	al areas	-			1 1	1 1
paper mills at New Hythe		N Damage to / loss of properties	Y No loss	Y No loss	N Damage / loss of properties	Y No loss	Y No loss	N Damage to / loss of properties	Y No loss	Y No loss
Major infrastructure e.g.	F2	OBJECTIVE: Pre	vent loss/ damage/	disruption to infrastru	cture from flooding					
local roads, M20, A228, Aylesford Bridge and Aylesford New Bridge, main railway line and station, electricity pylons, Sewage Treatment Works, services and communications		N Damage / disruption to railway	Y No loss	Y No loss	N Damage / loss of railway	Y No loss	Y No loss	N Damage / loss of infrastructure	Y No loss	Y No loss
Levbourne Lakes.	E3	OBJECTIVE 1: Pr	romote biodiversity	opportunities to enha	nce / create freshwate	er habitat	•	•		•

Feature	Rank		0-20 (up to 2025)			20)-50 (up to 2055)					5	0-100 (up to 2105)		
		NAI (Baseline)	HTL	MR	NA (B	Al aseline)	Н	ΓL	MI	R	N. (B	Al Baseline)	Н	TL	MI	R
		Defences remain between Aylesford Station and Allington Lock, remaining defences fail	Maintain / improve defences	Secondary defences	be Ay	efences fail etween ylesford and lington Lock		aintain / prove defences	im	aintain / nprove econdary efences	Ne	o defences		laintain / nprove defences	se	aintain / improve condary fences
including Abbey Meads lake		N No opportunities	N No opportunities	N No opportunities	N		N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities
		OBJECTIVE 2: Pi	revent loss/ damag	e/ disruption to Leybo	urne	Lakes through fl	ood	ng							, ,	
		N Loss of freshwater habitats and lakes as defences fail	Y No loss of freshwater habitat or lakes	N Loss of freshwater habitats and lakes	N	Loss of freshwater habitats and lakes with further inundation	Y	No loss of freshwater habitat or lakes	N	Loss of freshwater habitats and lakes	N	Loss of freshwater habitats and lakes	Y	No loss of freshwater habitat or lakes	N	Loss of freshwater habitats and lakes
		OBJECTIVE 3: Pi	romote biodiversity	opportunities to enha	ance	/ create intertidal	/ br	ackish habitat								
		Y Opportunities to create habitat	N No opportunities	Y Opportunities to create habitat	Y	Opportunities to create habitat	N	No opportunities	Y	Opportunities to create habitat	Υ	Opportunities to create habitat	N	No opportunities	Υ	Opportunities to create habitat
Public Footpaths,	R3	OBJECTIVE 1: PI	revent loss/ disrupt	ion to footpath from f	lood	ing and flood risk	maı	nagement works								
including along riverside		N Disruption to / loss of footpaths as defences fail	Y No loss	P Disruption to existing footpath, opportunities for new footpath on retreated defences	N	Loss of footpaths	Y	No loss	Р	Disruption to existing footpath, opportunities for new footpath on retreated defences	N	Loss of footpaths	Υ	No loss	Р	Disruption to existing footpath, opportunities for new footpath on retreated defences
		OBJECTIVE 2: Se	ek opportunities to	enhance features wi	nere	appropriate										
		N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement	N	No opportunities	Y	Opportunities for enhancement	Y	Opportunities for enhancement	N	No opportunities	Y	Opportunities for enhancement	Υ	Opportunities for enhancement
Aylesford Conservation	G2	OBJECTIVE 1: Pi	revent loss/ damag	e to Conservation Are	a an	d SM from floodin	g ar	nd flood risk mana	agen	nent works				•		
Area, including Aylesford Bridge		Y No damage / loss	Y No loss	Y No loss	N	Damage to / loss of SM and Conservation Area	Y	No loss	Y	No loss	N	Damage to / loss of SM and Conservation Area	Y	No loss	Y	No loss
		OBJECTIVE 2: Se	eek opportunities to	enhance features wi	nere	appropriate										
		N No opportunity	N No opportunity	N No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity
Non-statutory known and unknown heritage	G4			e to heritage from floo			anaç	gement works or i	mple	ement appropriate	mit	igation measures	, inc	cluding preservation	on of	evidence by

SNODLAND TO ALLINGTON	LOCK									
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR
		Defences remain between Aylesford Station and Allington Lock, remaining defences fail	Maintain / improve defences	Secondary defences	Defences fail between Aylesford and Allington Lock	Maintain / improve defences	Maintain / improve secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences
		Y Loss acceptable as long as survey and record finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss of buried heritage acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey and record finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss of buried heritage acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey and record finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss of buried heritage acceptable as long as survey, record and monitor finds
Landscape of the river valley, including existing	L1			of landscape quality as s to enhance features		m flooding and flood	risk management wor	ks. Ensure considerat	ion of existing defenc	es on landscape and
defences		N Degradation of river landscape quality as defences fail	P Maintain as is but increased defences	P Loss of features in the existing river valley, visual amenity not compromised	N Loss of features in the existing river valley, visual amenity compromised	P Maintain as is but increased defences	P Loss of features in the existing river valley, visual amenity not compromised	N Loss of features in the existing river valley, visual amenity compromised	P Maintain as is but increased defences	P Loss of features in the existing river valley, visual amenity not compromised
Facilities for recreation on the river, and associated	R2	OBJECTIVE 1: Pr appropriate	event loss/ damage	e/ disruption to recrea	tion and associated b	usiness from flooding	g and flood risk mana	gement works, Seek o	pportunities to enhand	ce features where
business, including moorings and slipways, access to foreshore and river (including for fishing)		N Access to foreshore disrupted	Y No loss to recreation facilities	P Potential disruption to recreation facilities dependant on realignment position	N Access to foreshore disrupted	Y No loss to recreation facilities	P Potential disruption to recreation facilities dependant on realignment position	N Access to foreshore disrupted	Y No loss to recreation facilities	P Potential disruption to recreation facilities dependant on realignment position
Υ		3	11	9	2	11	9	2	11	9
Р		0	1	3	0	1	3	0	1	3
N		12	3	3	13	3	3	13	3	3
Weighted Score		6	31	28.5	3	31	28.5	3	31	28.5

Feature	Rank		0-20 (up to 2025	5)		20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR (Location 2: discrete locations upstream)	NAI (Baseline)	HTL	MR (Locations 1: whole frontage and 2: discrete locations upstream)	NAI (Baseline)	HTL	MR (Locations 1: whole frontage and 2: discrete locations upstream)
		Defences fail	Maintain / improve defences		No defences	Maintain / improve defences	Secondary defences	No defences	Maintain / improve defences	Secondary defences
Residential properties at	H2	OBJECTIVE: Pre	event loss/ damage	to residential properti	es from flooding or flo	od risk management	works	1		
Forstal and Aylesford		N Loss of properties as defences fail	Y No loss	Y 2. No loss	N Loss of properties with further inundation	Y No loss	P 1. Possible loss / damage dependant on realignment position Y 2. No loss	N Loss of properties	Y No loss	P 1. Possible loss damage dependant on realignment position Y 2. No loss
Residential propoerties	H2	OBJECTIVE: Pre	event loss/ damage	to residential properti	es from flooding or flo	od risk management v	works			
near to Burham and on the edge of Wouldham		N Loss of properties as defences fail	Y No loss	Y 2. No loss	N Loss of properties with further inundation	Y No loss	P 1. Potential loss dependant on realignment position Y 2. No loss	N Loss of properties	Y No loss	P 1. Potential loss dependant on realignment position 2. No loss
Commercial properties –	C2	OBJECTIVE: Pre	event loss/ damage	to commercial propert	ies from flooding or fl	ood risk management	works	1 1	1	
ommercial properties – C2 usinesses in Forstal and ylesford		N Loss of properties as defences fail	Y No loss	Y 2. No loss	N Loss of properties with further inundation	Y No loss	P 1. Possible loss / damage dependant on realignment position Y 2. No loss	N Loss of properties	Y No loss	P 1. Possible loss damage dependant on realignment position Y 2. No loss
Community facilities in	H2	OBJECTIVE: Pre	event loss/ damage	to community facilities	s from flooding or floo	d risk management w	orks	1		
Forstal and Aylesford (such as churches, pubs, shops, schools, village halls)		N Loss of facilities as defences fail	Y No loss	Y 2. No loss	N Loss of facilities with further inundation	Y No loss	P 1. Possible loss / damage dependant on realignment position Y 2. No loss	N Loss of facilities	Y No loss	P 1. Possible loss damage dependant on realignment position Y 2. No loss
Industrial Areas in Forstal	C2	OBJECTIVE: Pre	event loss/ damage/	disruption to industri	al areas					
dustrial Areas in Forstal C2		N Loss of industrial areas as defences fail	Y No loss	Y 2. No loss	N Loss of industrial areas with further inundation	Y No loss	P 1. Possible loss / damage dependant on realignment position Y 2. No loss	N Loss of industrial areas	Y No loss	P 1. Possible loss damage dependant on realignment position Y 2. No loss

ALLINGTON LOCK TO NOR		DHAM																
Feature	Rank		0-2	20 (up to 2025)					20	0-50 (up to 2055)					50	0-100 (up to 2105)		
		NAI (Baseline)	HTL		ài	R .ocation 2: screte locations ostream)		AI Baseline)	н	TL	(L w aı lo	IR Locations 1: whole frontage and 2: discrete acations pstream)		AI Baseline)	Н	ITL	wh and loc	cations 1: ole frontage 1 2: discrete ations stream)
		Defences fail	impi	ntain / rove ences			N	o defences		aintain / nprove defences		econdary efences	N	o defences		Maintain / mprove defences		condary ences
Major infrastructure e.g.	F2	OBJECTIVE: Pre	vent l	oss/ damage/	disr	uption to infrastru	ıctu	re from flooding										
local roads, bridges e.g. Aylesford Bridge, electricity pylons, Sewage Treatment works, services and communications		N Loss of infrastructure as defences fail	Y	No loss	Υ	2. No loss	N	Loss of infrastructure with further inundation	Y	No loss	P	1. Possible loss / damage dependant on realignment position 2. No loss	N	Loss of infrastructure	Y	No loss		Possible loss / damage dependant on realignment position No loss
Agricultural Land	C3	OBJECTIVE: Pre	vent l	oss/ reduced p	ote	ential of agricultur	al la	nd from flooding										
ŭ		N Reduced potential of Grade 2 and 3 land as defences fail	Y	No loss	Z	2. Loss of Grade 3 land	N	Loss of Grade 2 and 3 land with further inundation	Υ	No loss	N	1. Loss of Grade 2 and Grade 3 land 2. Loss of Grade 3 land	N	Loss of Grade 2 and 3 land	Y	No loss		1. Loss of Grade 2 and Grade 3 land 2. Loss of Grade 3 land
Public footpaths,	R3	OBJECTIVE 1: F	reven	t loss/ disrupti	on	to footpath from f	lood	ling and flood risk	mai	nagement works								
including along tidal embankments, Medway valley walk		N Disruption to / loss of footpaths as defences fail	Y	No loss	P	Disruption to existing footpath, opportunities for new footpath on retreated defences	N	Footpaths lost	Y	No loss	P	Disruption to existing footpath, opportunities for new footpath on retreated defences As above	N	Footpaths lost	Y	No loss		Disruption to existing footpath, opportunities for new footpath on retreated defences As above
		OBJECTIVE 2: S	eek op	portunities to	en	hance features wh	ere	appropriate										
		N No opportunity		Opportunity to enhance	Y	2. Opportunity to enhance	N	No opportunity	Υ	Opportunity to enhance	Y	Opportunity to enhance As above	N	No opportunity	Υ	Opportunity to enhance	Y	Opportunity to enhance As above
Facilities for recreation on the river, and associated	R2	OBJECTIVE 1: Pappropriate	reven	t loss/ damage	/ di	sruption to recrea	tion	and associated b	usin	ess from flooding	and	d flood risk manag	jem	ent works, Seek o	ppo	ortunities to enhan	ce fea	tures where
		N Loss of access to foreshore as defences fail	Y	No loss	P	2. Possible loss / damage dependant on realignment position	N	Loss of access to foreshore with further inundation	Y	No loss	P P	1. Possible loss / damage dependant on realignment position 2. Possible loss / damage dependant on	N	Loss of access to foreshore	Y	No loss		1. Possible loss / damage dependant on realignment position 2. Possible loss / damage dependant on

Feature	Rank		0-20 (up to 2025)		20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR (Location 2: discrete locations upstream)	NAI (Baseline)	HTL	MR (Locations 1: whole frontage and 2: discrete locations upstream)	NAI (Baseline)	HTL	MR (Locations 1: whole frontage and 2: discrete locations upstream)
		Defences fail	Maintain / improve defences		No defences	Maintain / improve defences	Secondary defences	No defences	Maintain / improve defences	Secondary defences
							realignment position damage			realignment position damage
Aylesford Conservation	G2	OBJECTIVE 1: P	revent loss/ damage	to Conservation Are	a and SM from flood	ing and flood risk man	agement works			
Area, including Aylesford Bridge and Aylesford Priory		N Damage to / loss of SMs and Conservation Area as defences fail	Y No loss	Y 2. No loss	N Damage to / loss of SMs and Conservation Area with further inundation	Y No loss	P 1. No loss Y 2. No loss	N Damage to / loss of SMs and Conservation Area	Y No loss	Y 1. No loss Y 2. No loss
		OBJECTIVE 2: S	eek opportunities to	enhance features wh	here appropriate					
		N No opportunity	N No opportunity	Y 2. No opportunity	N No opportunity	N No opportunity	N 1. No opportunity N 2. No opportunity	N No opportunity	N No opportunity	N 1. No opportunity N 2. No opportunity
Non-statutory known and unknown heritage	G4			e to heritage from floc ce features where ap		management works or	implement appropriate	e mitigation measures	s, including preservation	on of evidence by
		N Loss of SMs unacceptable	Y Loss acceptable as long as survey, record and monitor finds	Y 2. Loss acceptable as long as survey, record and monitor finds	N Loss of SMs unacceptable	Y Loss acceptable as long as survey, record and monitor finds	Y 1. Loss acceptable as long as survey, record and monitor finds Y 2. Loss acceptable as long as survey, record and monitor finds	N Loss of SMs unacceptable	Y Loss acceptable as long as survey, record and monitor finds	Y 1. Loss acceptable as long as survey, record and monitor finds Y 2. Loss acceptable as long as survey, record and monitor finds
Landscape of the river and marshes, including	L1			of landscape quality a ance features where a		om flooding/ risk man	agement works. Ensur	e consideration of ex	isting defences on land	dscape and heritage
nd marsnes, including xisting defences		N Degradation of heritage / river valley landscape	P Maintain as is but increased defences	P 2. Maintain as is but defences further inland in sections	N Loss of river valley features, visual amenity compromised	P Maintain as is but increased defences	N 1. Degradation of heritage / river valley landscape 2. Maintain as is but defences further inland in sections	N Loss of river valley features, visual amenity compromised	P Maintain as is but increased defences	N 1. Degradation of heritage / river valley landscape 2. Maintain as is but defences further inland in sections

ALLINGTON LOCK TO NOR	TH WOULI	DHAM														
Feature	Rank		0-20 (up to 2025	5)			20	0-50 (up to 2055)					50	0-100 (up to 2105)		
		NAI (Baseline)	HTL	MR (Location 2: discrete locations upstream)		AI Baseline)	HT	rL	wl ar lo	R .ocations 1: hole frontage nd 2: discrete cations ostream)	N. (B	AI Baseline)	Н	ITL	w ar lo	R ocations 1: nole frontage id 2: discrete cations ostream)
		Defences fail	Maintain / improve defences		N	o defences		aintain / prove defences		econdary efences	Ne	o defences		laintain / nprove defences		econdary efences
Marshes, Wouldham SNCI		N No opportunities	N No opportunities	N 2. No opportunities	N	No opportunities	N	No opportunities	N N	No opportunities No opportunities	N	No opportunities	N	No opportunities	N N	No opportunities No opportunities
		OBJECTIVE 2: P	Prevent loss/ damag	e to habitats and as	ociat	ed species from fl	oodi	ng and flood risk	mar	nagement works				-		
		N Loss of existing freshwater habitats as	Y No loss	N 2. Loss of existing freshwater habitats,	N	Loss of habitat with further inundation,	Υ	No loss	N	1. Loss of existing freshwater habitats,	N	Loss of habitat with further inundation,	Y	No loss	N	1. Loss of existing freshwater habitats,
		defences fail,							N	Loss of existing freshwater habitats					N	Loss of existing freshwater habitats
		OBJECTIVE 3: P	romote biodiversity	opportunities to en	hance	/ create intertidal	/ bra	ackish habitat								
		Y Opportunity to create habitat	N No opportunity	Y 2. Opportunity to create habitat	Y	Opportunity to create habitat	N	No opportunity	Y	Opportunity to create habitat Opportunity to	Υ	Opportunity to create habitat	N	No opportunity	Y	 Opportunity to create habitat Opportunity to
							Ļ		Ľ	create habitat			<u> </u>		Ľ	create habitat
Burham Marshes	E3	N No		opportunities to en		1				I			T	T		
		N No opportunities	N No opportunities	N No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities	N	No opportunities
		OBJECTIVE 2: P	revent loss/ damag	e to habitats and as:	ociat	ed species from fl	oodi	ng and flood risk	mar	nagement works						
		N Loss of existing freshwater habitats as defences fail,	Y No loss of habitat	N 2. Loss of existing freshwater habitats,	N	Loss of habitat with further inundation,	~	No loss of habitat	N	Loss of existing freshwater habitats Loss of existing freshwater habitats,	N	Loss of habitat with further inundation,	Y	No loss of habitat	Z Z	Loss of existing freshwater habitats Loss of existing freshwater habitats,
		OBJECTIVE 3: P	Promote biodiversity	/ opportunities to en	hance	/ intertidal / bracl	ish	habitat		<u> </u>			-			
		Y Opportunity to create habitat	N No opportunity	Y 2. Opportunity to create habitat	Y	Opportunity to create habitat	N	No opportunity	Y	Opportunity to create habitat Opportunity to create habitat	Y	Opportunity to create habitat	N	No opportunity	Y	Opportunity to create habitat Opportunity to create habitat
Rough Grass Land	E4	OR IECTIVE 1: D	Promote biodiversity		<u> </u>	/						1		<u> </u>	1	

ALLINGTON LOCK TO NO	ORTH WOULD	DHAM								
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR (Location 2: discrete locations upstream)	NAI (Baseline)	HTL	MR (Locations 1: whole frontage and 2: discrete locations upstream)	NAI (Baseline)	HTL	MR (Locations 1: whole frontage and 2: discrete locations upstream)
		Defences fail	Maintain / improve defences		No defences	Maintain / improve defences	Secondary defences	No defences	Maintain / improve defences	Secondary defences
adjacent to Burham marshes		N No opportunities	N No opportunities	N 2. No opportunities	N No opportunities	N No opportunities	N 1. No opportunities N 2. No opportunities	N No opportunities	N No opportunities	N 1. No opportunities N 2. No opportunities
		OBJECTIVE 2: P	revent loss/ damage	to habitats and asso	ciated species from fl	looding and flood risk	management works			
Eccles Old Pits SNCI		N Loss of existing habitats as defences fail,	Y No loss of habitat	P 2. Potential loss of existing habitats, dependant on realignment position	N Loss of habitat with further inundation,	Y No loss of habitat	P 1. Potential loss of existing habitats, dependant on realignment position P 2. Potential loss of existing habitats, dependant on realignment position	N Loss of habitat with further inundation,	Y No loss of habitat	P 1. Potential loss of existing habitats, dependant on realignment position P 2. Potential loss of existing habitats, dependant on realignment position
Eccles Old Pits SNCI	E4	OBJECTIVE 1: P	romote biodiversity	opportunities to enha	nce / create habitat	<u>. </u>				
		N No opportunities	N No opportunities	N 2. No opportunities	N No opportunities	N No opportunities	N 1. No opportunities N 2. As above	N No opportunities	N No opportunities	N 1. No opportunities N 2. As above
		OBJECTIVE 2: P	revent loss/ damage	to habitats and asso	ciated species from fl	looding and flood risk	management works			
		Y No loss	Y No loss	Y 2. No loss	Y No loss	Y No loss	Y 1. No loss Y 2. No loss	Y No loss	Y No loss	Y 1. No loss Y 2. No loss
Υ		3	16	13	3	16	5 12	3	16	6 12
P		0	1	4	0	1	10 4	0	1	9 4
N		21	7	7	21	7	9 8	21	7	9 8
Weighted Score		4	38	33	4	38	22 33	4	38	22 33

WOULDHAM MARSHES										
Feature	Rank		0-20 (up to 2025)		20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR
		Defences fail	Maintain / improve defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences
Residential properties	H2	OBJECTIVE: Pre	vent loss/ damage	to residential properti	es from flooding or flo	ood risk management	works			
near to Burham and on the edge of Wouldham		N Loss of properties as defences fail	Y No loss	Y No loss	N Loss of properties with further inundation	Y No loss	Y No loss	N Loss of properties	Y No loss	Y No loss
Major infrastructure e.g.	F2	OBJECTIVE: Pre	vent loss/ damage/	disruption to infrastr	ucture from flooding					
local roads, bridges e.g. Aylesford Bridge, electricity pylons, Sewage Treatment works, services and communications	rd Bridge, ity pylons, Sewage ent works, services nmunications	N Loss of infrastructure as defences fail	Y No loss	Y No loss	N Loss of infrastructure with further inundation	Y No loss	Y No loss	N Loss of infrastructure	Y No loss	Y No loss
Agricultural Land	C3	OBJECTIVE: Pre	vent loss/ reduced	potential of agricultur	al land from flooding					
•		N Reduced potential of / loss of agricultural land as defences fail	Y No loss	N Loss of Grade 2 and Grade 4 land	N Reduced potential of / loss of agricultural land with further inundation	Y No loss	N Loss of Grade 2 and Grade 4 land	N Loss of agricultural land	Y No loss	N Loss of Grade 2 and Grade 4 land
Public footpaths,	R3	OBJECTIVE 1: P	revent loss/ disrupt	ion to footpath from f	looding and flood risk	management works	1 1			
Public footpaths, including along tidal embankments, Medway valley walk		N Disruption to /loss of some sections of footpath as defences fail	Y No loss	P Disruption to existing footpaths, opportunities for new footpath on retreated defences	N Loss of some sections of footpath with further inundation	Y No loss	P Disruption to existing footpaths, opportunities for new footpath on retreated defences	N Loss of some sections of footpath	Y No loss	P Disruption to existing footpaths, opportunities for new footpath on retreated defences
		OBJECTIVE 2: S	eek opportunities to	enhance features wi	nere appropriate		1 1	1 1		
		N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement	N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement	N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement
Facilities for recreation on the river, and associated	R2	OBJECTIVE 1: P appropriate	revent loss/ damag	e/ disruption to recrea	ition and associated b	usiness from flooding	g and flood risk mana	gement works, Seek o	ppportunities to enhar	ce features where
the river, and associated business, including moorings and slipways, access to foreshore and river (including for fishing)		N Loss of access to river / disruption to recreation as defences fail	Y No loss	Y No loss	N Loss of access to river / disruption to recreation with further inundation	Y No loss	Y No loss	N Loss of access to river / disruption to recreation	Y No loss	Y No loss

WOULDHAM MARSHES										
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR	NAI (Baseline)	HTL	MR
		Defences fail	Maintain / improve defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences	No defences	Maintain / improve defences	Maintain / improve secondary defences
Non-statutory known and unknown heritage	G4			to heritage from floo ce features where app		anagement works or i	implement appropriate	e mitigation measures	, including preservation	on of evidence by
		Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds	Y Loss acceptable as long as survey, record and monitor finds
Landscape of the river and marshes, including	L1			of landscape quality a ince features where a		m flooding/ risk mana	igement works. Ensur	e consideration of exi	sting defences on lan	dscape and heritage
and marshes, including existing defences		P Some landscape features lost, visual quality of river and marsh landscape remains	P Maintain as is but increased defences	P Some landscape features lost, visual quality of river and marsh landscape remains	P Some landscape features lost, visual quality of river and marsh landscape remains	P Maintain as is but increased defences	P Some landscape features lost, visual quality of river and marsh landscape remains	P Some landscape features lost, visual quality of river and marsh landscape remains	P Maintain as is but increased defences	P Some landscape features lost, visual quality of river and marsh landscape remains
River Medway and	E4	OBJECTIVE 1: Pr	omote biodiversity	opportunities to enha	nce / create freshwate	er habitat				
Marshes, Wouldham SNCI		N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities	N No opportunities
		OBJECTIVE 2: Pr	event loss/ damage	to habitats and asso	ciated species from fl	ooding and flood risk	management works			
		N Loss of existing freshwater habitats as defences fail,	Y No loss	N Loss of existing freshwater habitats	N Loss of habitat with further inundation,	Y No loss	N Loss of existing freshwater habitats,	N Loss of habitat with further inundation,	Y No loss	N Loss of existing freshwater habitats,
Υ		1	8	5	1	8	5	1	8	5
Р		1	1	2	1	1	2	1	1	2
N		8	1	3	8	1	3	8	1	3
Weighted Score	ghted Score 4		22	19	4	22	19	4	22	19

Feature	Rank		0-20 (up to 2025	i)		20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL
		Defences remain	Maintain / improve existing defences	Seaward defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	No defences	Maintain / improve defences	Maintain / improve seaward defences
Residential properties at	H1	OBJECTIVE:	Prevent loss/ damage to	residential properties	from flooding or flood	d risk management wo	orks			
St Mary's Island		Y No loss	Y No loss	Y No loss	N Damage to / loss of properties as defences fail	Y No loss	Y No loss	N Loss of properties with further inundation	Y No loss	Y No loss
Commercial properties	C3	OBJECTIVE:	Prevent loss/ damage to	commercial propertie	s from flooding or floo	od risk management v	vorks			
along Rochester waterfront and at St Mary's Island		Y No loss	Y No loss	Y No loss	N Damage to / loss of commercial properties	Y No loss	Y No loss	N Loss of commercial properties	Y No loss	Y No loss
Community facilities at St	H2	OBJECTIVE:	Prevent loss/ damage to	community facilities f	rom flooding or flood	risk management wo	rks			1 1
Mary's Island		Y No loss	Y No loss	Y No loss	N Damage to / loss of community facilities	Y No loss	Y No loss	N Loss of community facilities	Y No loss	Y No loss
Rochester Riverside	H2	OBJECTIVE:	Prevent loss/ damage to	Rochester Riverside f	rom flooding or flood	risk management wo	rks	•		1 1
		Y No loss	Y No loss	Y No loss	N Loss of areas	Y No loss	Y No loss	N Loss of areas	Y No loss	Y No loss
Chatham Dock	F1	OBJECTIVE:	Prevent loss/ damage/ d	lisruption to Chatham I	Oock from flooding					
Chatham Dock		Y No loss	Y No loss	Y No loss	N Disruption to / damage to dock yard as defences fail	Y No loss	Y No loss	N Loss of dock yard, with increased erosion / flooding	Y No loss	Y No loss
Major infrastructure e.g.	F2	OBJECTIVE:	Prevent loss/ damage/ d	disruption to infrastruct	ure from flooding					
local roads, Medway Tunnel, railway line, services and communications		Y No loss	Y No loss	Y No loss	N Disruption to / damage to infrastructure as defences fail	Y No loss	Y No loss	N Loss of infrastructure with increased flooding / erosion	Y No loss	Y No loss
Water recreation facilities and associated business,	R2	OBJECTIVE 1 appropriate	: Prevent loss/ damage/	disruption to recreation	n and associated bus	iness from flooding a	and flood risk manager	ment works. Seek opp	ortunities to enhance	features where
and associated business, including Thunderbolt pier (Historic dockyard), the Esplanade (Rochester), Sun Pier (Chatham), marina and moorings, public slipways		Y No loss	Y No loss	N Loss of moorings, reduced channel width compromises safe navigation	N Disrupt / damage to recreation facilities as defences fail	Y No loss	N Loss of moorings, reduced channel width compromises safe navigation	N Loss of recreation facilities	Y No loss	N Loss of moorings, reduced channel width compromises safe navigation
Public footpaths,	R3	OBJECTIVE 1	: Prevent loss/ disruption	on to footpath from floo	ding and flood risk m	anagement works	· ·			
including along tidal embankments, Medway		Y No loss	Y No loss	Y No loss	N Potential for disruption to	Y No loss	Y No loss	N Loss of footpaths	Y No loss	Y No loss, opportunities for

MEDWAY BRIDGE TO WES	T ST MAR	Y'S ISLAND								
Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL
		Defences remain	Maintain / improve existing defences	Seaward defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	No defences	Maintain / improve defences	Maintain / improve seaward defences
valley walk, riverside walkway in urban areas		OR IFOTIVE O			footpaths as defences fail					enhancement
				enhance features wher	1 1	Tall	Tarl	Tarlar	T.u	Tarl
		N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement	N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement	N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement
Chatham Historic	G1	OBJECTIVE 1: P	revent loss/ damage t	o Conservation Area a	and SM from flooding	and flood risk manage	ement works	1 1	1 1	•
Dockyard Conservation Area and SM's within it		Y No loss	Y No loss	Y No loss	N Damage to / loss of Conservation Area	Y No loss	Y No loss	N Loss and damage of Conservation Area	Y No loss	Y No loss
		OBJECTIVE 2: See	k opportunities to enl	hance features where	appropriate					
		N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity
Star Hill to Sun Pier	G2	OBJECTIVE 1: P	revent loss/ damage t	o Conservation Area f	rom flooding and floo	d risk management w	orks			
Star Hill to Sun Pier Conservation Area Rochester)		Y No loss	Y No loss	Y No loss	N Damage to / loss of Conservation Area	Y No loss	Y No loss	N Loss and damage of Conservation Area	Y No loss	Y No loss
		OBJECTIVE 2: S	eek opportunities to e	nhance features wher	e appropriate	I I	I I	I I	I I	
		N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity
Non-statutory known and unknown heritage	G4			o heritage from floodi e features where appro		agement works or imp	olement appropriate m	nitigation measures, in	ncluding preservation	of evidence by
		Y No loss, any finds require survey, record and monitor	Y No loss, any finds require survey, record and monitor	N Loss of heritage features not acceptable	N Loss of heritage features not acceptable	Y No loss, any finds require survey, record and monitor	N Loss of heritage features not acceptable	N Loss of heritage features not acceptable	Y No loss, any finds require survey, record and monitor	N Loss of heritage features not acceptable
Landscape of the river and urban areas,	L3			landscape quality and ce features where app		flooding/ risk manage	ment works. Ensure o	consideration of existi	ng defences on landso	cape and heritage
and urban areas, including existing defences		Y Maintain as is	P Maintain as is but increased defences	N Hard defences, impacts on visual landscape of river and urban area	N Degradation of landscape quality as defences fail	P Maintain as is but increased defences	N Hard defences, impacts on visual landscape of river and urban area	N Degradation of landscape quality as defences fail	P Maintain as is but increased defences	N Hard defences, impacts on visual landscape of river and urban area
Υ	·	12	12	10	0	12	10	0	12	10
P		0	1	0	0	1	0	0	1	0
N		3	2	5	15	2	5	15	2	5
Weighted Score		34	35	30	0	35	30	0	35	30

Feature	Rank		0-20 (up to 202	5)		20-50 (up to 20	55)		50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL	NAI (Baaseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Secondary defences
Residential properties	H2	OBJECTIVE:	Prevent loss/ dama	ge to residential p	properties from flood	ng or flood risk	management works	3			
along Gillingham waterfront		Y No loss	Y No loss	Y No loss	N Possible damage to properties as defences fail, however most properties landward of A289	Y No loss	Y No loss	N Possible damage to properties with further inundation, however most properties landward of A289	Y No loss	Y No loss	P Possible loss dependant on realignment position
Commercial properties	C3	OBJECTIVE:	Prevent loss/ dama	ge to commercial	properties from floor	ding or flood risk	management work	(S			
along Gillingham waterfront		Y No loss	Y No loss	Y No loss	N Damage to / loss of properties as defences fail	Y No loss	Y No loss	N Loss of properties with further inundation	Y No loss	Y No loss	N Loss of properties
Community facilities	H2	OBJECTIVE:	Prevent loss/ dama	ge to community	facilities from floodir	g or flood risk m	nanagement works	I I	1 1	1 1	1 1
along Gillingham waterfront		Y No loss	Y No loss	Y No loss	N Damage to / loss of facilities as defences fail	Y No loss	Y No loss	N Loss of facilities with further inundation	Y No loss	Y No loss	N Loss of facilitie
Major infrastructure e.g.	F3	OBJECTIVE:	Prevent loss/ dama	ge/ disruption to	infrastructure from flo	ooding					· ·
local roads, bridges, services and communications	F3	Y No loss	Y No loss	Y No loss	N Disruption to / damage to infrastructure as defences fail	Y No loss	Y No loss	N Loss of infrastructure with further inundation	Y No loss	Y No loss	N Loss of infrastructure
Public footpaths,	R3	OBJECTIVE	1: Prevent loss/ disi	ruption to footpatl	n from flooding and fl	ood risk manage	ement works				
Public footpaths, ncluding Saxon Shore Way		Y No loss	Y No loss	Y No loss,	N Loss of public footpaths on or near defences	Y No loss	Y No loss	N Loss of public footpaths on or near defences	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunities for new footpath or retreated defences

Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)		50-100 (i	up to 2105)	
		NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL	NAI (Baaseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Secondary defences
		OBJECTIVE 2:	Seek opportunities	to enhance featu	ires where appropi	iate	•	•	•	•	
		N No opportunitie s	Y Opportunities for enhancement	Y Opportunities for enhancement	N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement	N No opportunities	Y Opportunities for enhancement	Y Opportunities for enhancement	Y Opportunities for enhancement
Facilities for recreation on the river, and associated	R2	OBJECTIVE 1: appropriate	Prevent loss/ dama	age/ disruption to	recreation and ass	ociated business fi	om flooding and fl	ood risk manageme	ent works. Seek opp	ortunities to enhan	ce features where
business, including Gillingham Pier, marina, The Strand, Riverside Country Park, moorings and slipways, access to foreshore and river (including for fishing) Intertidal Habitat,		Y No loss	Y No loss	N Loss of moorings, reduced channel width compromises safe navigation	N Disrupt / damage to recreation facilities as defences fail	Y No loss	N Loss of moorings, reduced channel width compromises safe navigation	N Loss of recreation facilities	Y No loss	N Loss of moorings, reduced channel width compromises safe navigation	N Loss of facilities
tertidal Habitat,	E1	OBJECTIVE 1:	Promote biodivers	ity opportunities	to enhance / create	intertidal habitat					
including saltmarsh islands		N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity
		OBJECTIVE 2:	Avoid net loss of it	ntertidal habitat a	nd associated spe	cies from coastal so	ueeze and flood ri	sk management wo	rks		
SidiluS		P Loss of habitat in historically eroding areas, accretion in others	P Loss of habitat in historically eroding areas, accretion in others	N Loss of intertidal habitat	Y No net loss	P Loss of habitat in historically eroding areas and in confined areas with coastal squeeze, accretion in others	N Loss of intertidal habitat	Y No net loss	N Net loss of intertidal habitat with coastal squeeze	N Loss of intertidal habitat	Y No net loss
Non-statutory known and unknown heritage	G4		Prevent loss/ dama pportunities to enh			od risk managemer	nt works or implem	ent appropriate mit	igation measures, ir	ncluding preservati	on of evidence by
nknown heritage		Y Loss from intertidal area ok as long as survey, record and monitor	Y Loss from intertidal area ok as long as survey, record and monitor	Y Loss from intertidal area ok as long as survey, record and monitor	N Loss of heritage not acceptable	Y Loss from intertidal area ok as long as survey, record and monitor	Y Loss from intertidal area ok as long as survey, record and monitor	N Loss of heritage not acceptable	Y Loss from intertidal area ok as long as survey, record and monitor	Y Loss from intertidal area ok as long as survey, record and monitor	N Loss of heritage not acceptable
Landscape of the estuary, open spaces and developed areas,	L2	heritage grour	ds. Seek opportuni	ties to enhance f	eatures where appi	opriate			nsideration of existi		
developed aleas,		Y Maintain as	P Maintain as is	N Hard	N Degradation of	P Maintain as is	N Hard	N Degradation of	P Maintain as is	N Hard	Y Opportunity to

Feature	Rank		0-20 (up to 2025)			20-50 (up to 2055)			50-100 (ι	ıp to 2105)	
		NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL	NAI (Baaseline)	HTL	ATL	MR
	luding existing		Maintain / improve existing defences	Seaward defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Secondary defences
including existing defences		is	but increased defences	defences, impacts on visual landscape of river and urban area	landscape quality as defences fail	but increased defences	defences, impacts on visual landscape of river and urban area	landscape quality	but increased defences	defences, impacts on visual landscape of river and urban area	enhance visual quality of landscape
Υ		8	8	7	1	8	7	1	8	7	3
Р		1	2	0	0	2	0	0	1	0	2
N		2	1	4	10	1	4	10	2	4	6
Weighted Score		21	21.5	15	4	21.5	15	4	19.5	15	11.5

THE STRAND TO WEST I	MOTNEY H	IILL																										
Feature	Rank					0-20 (ι	ıp to	2025)						20-50 (ı	up to	20	055)						50-100 (ı	ıp to	2105)			
		N. (B	Al aselin	ie)	нт	L	A.	ΓL	M	R	N. (E	Al Baseline)	H	TL	A	\TL	-	MF	R	NA (B	Al aseline)	H.	ΓL	A	ΓL	N	ΙR	
			efence main	es	im _i exi	intain / prove isting fences		eaward efences		econdary efences	De	efences fail	in	aintain / nprove efences	in se	mp ea	ntain / erove ward ences	/in	aintain nprove condary fences	No	defences	im	aintain / prove efences	in se	aintain / nprove eaward efences	/i	imp	ntain Prove Ondary Pnces
Residential properties	H2	0	BJECT	ΠVE:	Pre	event loss/	dam	age to reside	entia	l properties	fron	n flooding or	floc	od risk man	agen	nei	nt works											
along Gillingham waterfront		Υ	No Io	ss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Y	1	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Y	′ N	No loss
Commercial properties	C3	0	BJECT	ΓΙVΕ:	Pre	event loss/	dam	age to comn	nerci	al properties	fro	m flooding o	r flo	od risk ma	nage	me	ent works											
along Gillingham waterfront		Υ	No lo	ss	Y	No loss	Y	No loss	Υ	No loss	N	Damage to / loss of properties as defences fail	Y	No loss	Y		No loss	Y	No loss	N	Loss of properties with further inundation	Y	No loss	Y	No loss	Y	′ N	No loss
Community facilities	H2	0	BJECT	ΠVE:	Pre	event loss/	dam	age to comn	nunit	ty facilities fr	om	flooding or f	lood	d risk mana	geme	en	t works							1			1	
along Gillingham waterfront		Υ	No lo	ss	Y	No loss	Y	No loss	Υ	No loss	N	Damage to / loss of properties as defences fail	Y	No loss	Y		No loss	Y	No loss	N	Loss of properties with further inundation	Υ	No loss	Y	No loss	Y	′ N	No loss
Residential properties	H2	0	BJECT	ΓΙΥΕ:	Pre	event loss/	dam	age to reside	entia	l properties	fron	n flooding or	floc	od risk man	agem	nei	nt works											
at edge of Lower Twydall		Υ	No lo	ss	Y	No loss	Y	No loss	Υ	No loss	N	Damage to / loss of some properties as defences fail	Υ	No loss	Y		No loss	Y	No loss	N	Loss of properties with further inundation	Υ	No loss	Y	No loss	Y	' N	No loss
Major infrastructure	F3	0	BJECT	ΠVE:	Pre	event loss/	dam	age/ disrupti	on t	o infrastruct	ure	from floodin	g															
e.g. local roads, bridges, services and communications		Υ	No lo	ss	Υ	No loss	Y	No loss	Υ	No loss	N	Damage to / loss of A289	Υ	No loss	Y		No loss	Υ	No loss	N	Loss of A289	Υ	No loss	Y	No loss	Y	′ N	No loss
Public footpaths,	R3	0	BJECT	ΓΙVE	1: P	revent loss	/ dis	ruption to fo	otpa	ath from floo	ding	g and flood r	sk r	managemer	nt wo	rk	s											
including Saxon Shore Way		Y	No lo	ss	Y	No loss	Y	No loss	Р	Disruption to footpath on existing defences, opportunitie s for new footpath on	N	Loss of footpaths	Y	No loss	Y		No loss	Р	Disruption to footpath on existing defences, opportunitie s for new footpath on	Z	Loss of footpaths	Y	No loss	Y	No loss	F	for each of the state of the st	Disruption to cotpath on existing defences, opportunities for new cootpath on

THE STRAND TO WEST		IILL																							
Feature	Rank				0-20 (u	p to	2025)						20-50 (սբ	to	2055)						50-100 (u	p to	2105)		
		N/ (B	Al aseline)	Н	TL	A	TL	М	R		Al Baseline)	H	TL	A.	TL	M	IR	N/ (B	Al aseline)	н	ΓL	ΑT	rL	MR	
			efences main	in ex	laintain / nprove xisting efences	_	eaward efences		econdary efences	D	efences fail	in	aintain / nprove efences	in se	aintain / nprove eaward efences	/ii	laintain mprove econdary efences	No	o defences	im	aintain / nprove efences	im se	aintain / prove award efences	/im	ntain prove ondary ences
									retreated defences								retreated defences								retreated defences
		OI	BJECTIVE	2:	Seek opportu	uniti	es to enhand	e fe	atures where	e ap	propriate														
		N	No opportu nity	Υ	Opportunity to enhance	Y	Opportunity to enhance	Υ	Opportunity to enhance	N	No opportunity	Y	Opportunity to enhance	Υ	Opportunity to enhance	Y	Opportunity to enhance	N	No opportunity	Υ	Opportunity to enhance	Y	Opportunity to enhance	Υ	Opportunity to enhance
Facilities for recreation on the river, and	R2		BJECTIVE propriate		Prevent loss	/ da	mage/ disrup	tion	to recreatio	n ar	nd associated	d bu	isiness from	floo	ding and floo	od r	risk managem	ent	works, Seek	op	portunities to	en	hance feature	es w	nere
associated business, including Gillingham Pier, marina, The Strand, Riverside Country Park, moorings and slipways, access to foreshore and river (including for fishing)		Y	No loss	Y	No loss	Y	No loss	P	Possible loss dependant on realignment position	N	Disruption, damage to facilities	Y	No loss	Y	No loss	P	Possible loss dependant on realignment position	Z	Loss of facilities	Y	No loss	Y	No loss	P	Possible loss dependant on realignment position
Intertidal Habitat,	E1	OI	BJECTIVE	1:	Promote biod	dive	rsity opportu	niti	es to enhand	e / 0	create interti	dal I	habitat												
including saltmarsh islands		N	No opportu nity	N	No opportunity	N	No opportunity	Υ	Opportunity to create habitat	Υ	Opportunity to create habitat	N	No opportunity	Z	No opportunity	Υ	Opportunity to create habitat	Υ	Opportunity to create habitat	N	No opportunity	Ν	No opportunity	Υ	Opportunity to create habitat
		OI	BJECTIVE	2:	Avoid net los	ss o	f intertidal ha	bita	nt and associ	ate	d species fro	m c	oastal squee	ze a	and flood risk	c ma	anagement wo	orks	;						
		P	Some erosion in historic ally eroding areas, howeve r also accretio n in other areas	P	Some erosion due in historically eroding areas, however also accretion in other areas	N	Loss of intertidal habitat	Y	No net loss	Y	No net loss	P	Some erosion due to coastal squeeze, however also accretion in other areas	Z	Loss of intertidal habitat with coastal squeeze	Y	No net loss	~	No net loss	Z	Net loss of intertidal habitat due to coastal squeeze	Z	Loss of intertidal habitat with coastal squeeze	Y	No net loss
Non-statutory known and unknown heritage	G4				Prevent loss portunities t							ma	nagement we	orks	or impleme	nt a	ppropriate mi	tiga	ition measur	es, i	including pre	ser	vation of evic	lenc	by by
		Υ	Loss ok	Υ	Loss ok as	Υ	Wrecks	Υ	Loss ok as	Υ	Loss ok as	Υ	Loss ok as	Υ	Wrecks	Υ	Loss ok as	Υ	Loss ok as	Υ	Loss ok as	Υ	Wrecks	Υ	Loss ok as

THE STRAND TO WEST	MOTNEY H	ILL											
Feature	Rank		0-20 (u	p to 2025)			20-50 (u	o to 2055)			50-100 (ι	ıp to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Landscape of the	L2		long as survey and record finds and monitor				long as survey and record finds and monitor	may constrain, loss ok as long as survey and record finds and monitor	long as survey and record finds and monitor	long as survey and record finds	long as survey and record finds and monitor	may constrain, loss ok as long as survey and record finds and monitor	long as survey and record finds and monitor
estuary, open spaces and developed areas, including existing defences		y Maintai n as is	P Maintain as is but increased defences	N Hard defences, impacts on visual landscape of river and urban area	P Loss of some landscape features, however visual landscape amenity not compromis ed	P Loss of some landscape features, however visual landscape amenity not compromis ed	P Maintain as is but increased defences	N Hard defences, impacts on visual landscape of river and urban area	P Loss of some landscape features, however visual landscape amenity not compromis ed	P Loss of some landscape features, however visual landscape amenity not compromis ed	P Maintain as is but increased defences	N Hard defences, visual landscape impacts	P Loss of some landscape features, however visual landscape amenity not compromise d
Υ		9	9	9	9	4	9	9	9	4	9	9	9
P		1	2	0	3	1	2	0	3	1	1	0	3
N		2	1	3	0	7	1	3	0	7	2	3	0
Weighted Score		24	24.5	21	26	11.5	34.5	21	26	11.5	22.5	21	26

MOTNEY HILL TO HAM GRE	EN																								
Feature	Rank				0-20 (u	p to	2025)						20-50 (սբ	to	2055)						50-100 (เ	ıp to	2105)		
		N/ (B	Al Baseline)	Н	TL	A.	ΓL	M	R		Al Baseline)	Н	ΓL	A.	TL	М	R	N. (B	Al aseline)	H	ΓL	A ⁻	ΓL	MI	₹
			efences emain	im	aintain / nprove xisting efences		eaward efences		econdary efences		efences ill fail	im	aintain / nprove efences	in se	aintain / nprove eaward efences	/ir	aintain mprove econdary efences	No	defences	in	aintain / nprove efences	im	aintain / aprove award afences	/in	aintain nprove condary fences
Residential properties on	H2	OI	BJECTIVE	: Pr	event loss/ c	lama	age to reside	ntia	l properties t	ror	n flooding or	floc	d risk mana	gem	ent works										
edge of Wetham Green and Bayford and Lower Halstow		Y	No loss	Y	No loss	Y	No loss	Y	No loss, defences seaward of properties	N	Damage to /loss of properties at Bayford as defences fail	Y	No loss	Y	No loss	Y	No loss, defences seaward of properties	N	Loss of other properties with further inundation	Y	No loss	Y	No loss	Y	No loss, defences seaward of properties
Commercial properties at	C2	OI	BJECTIVE	: Pr	event loss/ d	lama	age to comm	erci	al properties	fro	m flooding o	r flo	od risk mana	agei	ment works										
Otterham Creek		Y	No loss	Υ	No loss	P	Possible disruption to commercial interests	Υ	No loss, defences seaward of properties	N	Damage to / loss of commercial properties as defences fail	Y	No loss	P	Possible disruption to commercial interests	Y	No loss, defences seaward of properties	Z	Loss of commercial properties with further inundation	Y	No loss	P	Possible disruption to commercial interests	Y	No loss, defences seaward of properties
Major infrastructure e.g.	F2	OI	BJECTIVE	: Pr	event loss/ c	lama	age/ disrupti	on t	o infrastructi	ıre	from flooding	3		<u> </u>	l										
local roads, A249, Kingsferry Bridge, Motney Hill Sewage Treatment works, services and communications		Y	No loss	Υ	No loss	Y	No loss	P	Possible loss dependant on realignment position	N	Loss of infrastructu re as all defences fail	Y	No loss	Y	No loss	P	Possible loss dependant on realignment position	N	Loss of infrastructu re with further inundation and erosion at Bedlams Bottom	Y	No loss	Y	No loss	P	Possible loss dependant on realignment position
Intertidal Habitat,	E1	OI	BJECTIVE	1:1	Promote biod	dive	rsity opportu	niti	es to enhanc	e /	create interti	dal h	nabitat												
including saltmarsh islands e.g. Burntwick Island		N	No opportu nity	N	No opportunity	N	No opportunity	Υ	Opportuniti es for habitat creation in some areas	Υ	Opportuniti es for habitat creation	N	No opportunity	N	No opportunity	Y	Opportuniti es for habitat creation in some areas	Y	Opportuniti es for habitat creation	N	No opportunity	N	No opportunity	Y	Opportunitie s for habitat creation
		OI	BJECTIVE	2: /	Avoid net los	s o	f intertidal ha	bita	t and associ	ate	d species fro	m c	oastal squee	ze a	and flood risk	ma	nagement w	orks	3						
		Р	Some erosion due to	Р	Some erosion due to coastal	N	Loss of intertidal habitat as	Υ	No net loss	Υ	No net loss	Р	Some erosion due to coastal	N	Loss of intertidal habitat as	Υ	No net loss	Υ	No net loss	N	Net loss of intertidal habitat due	N	Loss of intertidal habitat as	Y	No net loss

Feature	Rank				0-20 (u	p to	2025)						20-50 (սլ	o to	2055)						50-100 (เ	ıp to	2105)		
		N/ (B	Al aseline)	HT	TL	A	ΤL	М	R		IAI Baseline)	H	ΤL	A	TL	N	/IR	NA (B	Al aseline)	H	TL	A.	ΤL	MR	
			efences main	im ex	aintain / nprove kisting efences		eaward efences		econdary efences		efences vill fail	im	aintain / nprove efences	in Se	aintain / nprove eaward efences	/i S	Maintain mprove econdary lefences	No	o defences	in	aintain / nprove efences	in se	aintain / nprove eaward efences	/im	intain prove condary ences
			coastal squeez e, howeve r also accretio n in other areas		squeeze, however also accretion in other areas		defences positioned seaward						squeeze, however also accretion in other areas		defences positioned seaward						to coastal squeeze		defences positioned seaward		
Coastal Grazing marsh	E2	OI	BJECTIVE	1: F	Promote biod	live	rsity opportu	ıniti	es to enhand	:е/	create coast	al gr	azing marsh												
habitat (including habitat on the flood defence embankments) and reedbed		N	No opportu nity	Z	No opportunity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	Z	No opportunity	Z	No opportunity	Z	No opportunity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	Z	No opportunity	N	No opportunity	Z	No opportunity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	N	No opportunity
		OI	BJECTIVE	2: /	Avoid net los	s of	f coastal gra	zing	marsh and	ass	ociated spec	es f	rom flooding	g an	d flood risk n	nan	nagement wor	ks							
		Y	No net loss	Y	No loss of habitat	Y	No net loss	Z	Loss of habitat	N	Loss of habitat as all defences fail	Υ .	No loss of habitat	Υ	No net loss	Z	Loss of habitat	N	Loss of habitat with further inundation	Υ	No loss of habitat	Y	No net loss	N	Loss of habitat
Agricultural Land	C3	OI	BJECTIVE	: Pr	revent loss/ re	edu	ced potentia	lof	agricultural	land	d from floodii	ıg													
		Y	No loss	Y	No loss	Y	No loss	N	Loss of Grades 1, 2, 3 and 4 land	Ζ	Loss / reduced potential of Grades 1, 2, 3 and 4 agricultural land as all defences fail	Y	No loss	Y	No loss	N	Loss of Grades 1, 2, 3 and 4 land	N	Loss / reduced potential of Grades 1, 2, 3 and 4 agricultural land with further inundation and erosion	Y	No loss	Y	No loss	N	Loss of Grades 1, 2 3 and 4 land

Feature	Rank				0-20 (u	p to	2025)						20-50 (ur	to	2055)						50-100 (u	p to	2105)		
			Al Baseline)	Н	•	·	TL	М	R	N. (E	AI Baseline)	H.	` '	A		M	R	N. (E	AI Baseline)	H	TL		rL	МІ	₹
			efences emain	im	aintain / nprove xisting efences		eaward efences		econdary efences		efences ill fail	im	aintain / nprove efences	im	aintain / nprove eaward efences	/ir	aintain nprove econdary efences	N	o defences	in	aintain / nprove efences	im	aintain / prove award fences	/in	aintain nprove condary fences
business, including moorings and slipways, access to foreshore and river (including for fishing)		Y	No loss	Υ	No loss	N	Loss of moorings	Р	Possible loss dependant on realignment position	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Υ	No loss	N	Loss of moorings	P	Possible loss dependant on realignment position	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Υ	No loss	N	Loss of moorings	P	Possible loss dependant on realignment position
Public footpath along	R3	0	BJECTIVE	1:1	Prevent loss	dis	ruption to fo	otpa	ath from floo	din	and flood ri	sk r	nanagement	woı	rks										
shoreline, including on sea defence embankments, including Saxon Shore Way, community amenity land at Lower Halstow		Y	No loss	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	Z	Loss of footpaths as defences fail	Y	No loss	Y	No loss	Р	Disruption to footpath on existing defences, opportunities s for new footpath on retreated defences	N	Loss of footpaths with further inundation	Υ	No loss	~	No loss	Р	Disruption to footpath on existing defences, opportunities s for new footpath on retreated defences
		0	BJECTIVE	2: 9	Seek opportu	ıniti	es to enhand	e fe	atures where	ар	propriate									•					
		N	No opportu nities	Υ	Opportuniti es to enhance	Υ	Opportuniti es to enhance	Υ	Opportuniti es to enhance	N	No opportunitie s	Υ	Opportuniti es to enhance	Y	Opportuniti es to enhance	Υ	Opportuniti es to enhance	N	No opportunitie s	Υ	Opportuniti es to enhance	Υ	Opportuniti es to enhance	Y	Opportunities to enhance
Non-statutory known and unknown heritage	G4								from floodin			ma	nagement w	orks	or impleme	nt ap	ppropriate m	itiga	ation measur	es,	including pre	ser	vation of evid	dend	e by
		Y	Loss ok as long as survey and record finds	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds	Y	Loss ok as long as survey and record finds and monitor	Υ	Loss ok as long as survey and record finds and monitor	Υ	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds	Y	Loss ok as long as survey and record finds and monitor	Υ	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor
Landscape of the estuary and marshes, including	L2								e quality and s where appr			irom	flooding/ ris	sk m	nanagement	vor	ks. Ensure c	ons	ideration of e	xis	ting defences	on	landscape a	nd h	eritage
existing defences		Y	Maintai n as is	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	P	Loss of some estuary landscape features, maintain visual quality of	Р	Loss of some estuary landscape features, maintain visual quality of	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	P	Loss of some estuary landscape features, maintain visual quality of	P	Loss of some estuary landscape features, maintain visual quality of	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	P	Loss of some estuary landscape features, maintain visual quality of

MOTNEY HILL TO HAM G	REEN																								
Feature	Rank				0-20 (u	p to	2025)						20-50 (սբ	to	2055)						50-100 (u	p to	2105)		
		N (E	Al Baseline)	H	TL	A ⁻	ΓL	MI	R		Al Baseline)	Н	TL	A.	TL	N	/IR	NA (B	Al aseline)	Н	TL	Α٦	TL .	MF	R
			efences emain	in ex	aintain / nprove kisting efences		eaward efences		econdary efences		efences rill fail	im	aintain / nprove efences	in se	aintain / nprove eaward efences	/i	Maintain Improve econdary lefences	No	defences	in	aintain / nprove efences	im	aintain / prove award fences	/in	aintain nprove condary efences
									landscape, but with retreated defences		landscape, but with retreated defences						landscape, but with retreated defences		landscape, but with retreated defences						landscape, but with retreated defences
Lower Halstow	G2	0	BJECTIVE	1:1	Prevent loss/	daı	mage to Con	serv	ation Area fr	om	flooding and	flo	od risk mana	ger	nent works										
Conservation Area		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
		0	BJECTIVE	2:	Seek opportu	niti	es to enhand	e fe	atures where	e ap	propriate														
		N	No opportu nity	N	No opportunity	Ν	No opportunity	N	No opportunity	N	No opportunity	Z	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	Ν	No opportunity	Z	No opportunity
Lower Halstow	E4	0	BJECTIVE	1:1	Prevent loss/	daı	nage to from	flo	oding and flo	od	risk manager	nen	t works												
Brickworks		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
		0	BJECTIVE	2:	Seek opportu	niti	es to enhand	e fe	atures where	e ap	propriate														
		N	No opportu nity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity
Υ	•		11		11		9		8		5		11		9		8		5		11		9		8
Р			1		2		2		4		1		2		2		4		1		1		2		4
N			5		4		6		5		11		4		6		5		11		5		6		5
Weighted Score			29		29.5		23		26.5		14.5		29.5		23		26.5		14.5		27.5		23		26.5

HAM GREEN TO EAST O	F UPCHUR	СН																						
Feature	Rank			0-20 (up	to 2	2025)						20-50 (u	o to	2055)						50-100 (u	p to	2105)		
		NAI (Baseline)	HTL		АТ	Ľ	MI	R		Al Baseline)	Н	TL	A	ΤL	М	IR	N/ (B	Al aseline)	H	TL	Αī	ΓL	М	R
		Defences remain	Maint impro existi defen	ove		award fences		econdary fences		efences ill fail	in	laintain / nprove efences	in	aintain / nprove eaward efences	/ii	laintain mprove econdary efences	No	defences	in	aintain / nprove efences	im	aintain / prove award fences	/ir	aintain nprove econdary efences
Residential properties	H2	OBJECTIVE:	Prevent	t loss/ dam	nage	to resident	ial p	roperties fro	m f	looding or flo	od	risk manage	mei	nt works	•									
on edge of Wetham Green and Bayford and Lower Halstow		Y No loss	Y No	o loss	Y	No loss	Y	No loss	Р	Possible loss of 1 property	Y	No loss	Y	No loss	Υ	No loss	N	Loss of 1 property as shoreline erodes	Y	No loss	Υ	No loss	Y	No loss
Major infrastructure	F2	OBJECTIVE:	Prevent	t loss/ dam	nage	e/ disruption	to i	nfrastructure	e fro	om flooding		L	l .		<u> </u>	ı			l .					l
e.g. local roads, A249, Kingsferry Bridge, Motney Hill Sewage Treatment works, services and communications		Y No loss		o loss	-	No loss	Υ		Υ	No loss	Υ	No loss	Y	No loss	Υ	No loss	Y	No loss	Y	No loss	Υ	No loss	Υ	No loss
Intertidal Habitat,	E1	OBJECTIVE	: Promo	ote biodive	ersi	ty opportuni	ties	to enhance	/ cre	eate intertidal	ha	bitat			<u> </u>	·								
including saltmarsh islands e.g. Burntwick Island		N No opportunit y	N No	o oportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity
		OBJECTIVE 2	: Avoid	l net loss c	of in	tertidal habi	tat a	and associate	ed s	species from	coa	astal squeeze	and	d flood risk n	nan	agement wor	ks							
		P Some erosion due to coastal squeeze, however also accretion in other areas	ero to sq ho als	ome osion due coastal queeze, owever so coretion in her areas	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss	Y	No net loss	P	Some erosion due to coastal squeeze, however also accretion in other areas	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss	Y	No net loss	N	Net loss of intertidal habitat due to coastal squeeze	N	Loss of intertidal habitat as defences positioned seaward	Υ	No net loss
Coastal Grazing marsh	E2	OBJECTIVE '	: Promo	ote biodive	ersi	ty opportuni	ties	to enhance	/ cre	eate coastal g	raz	zing marsh												
habitat (including habitat on the flood defence embankments) and reedbed		N No opportunit y	N No	o oportunity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for	N	No opportunity	N	No opportunity	N	No opportunity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for	N	No opportunity	N	No opportunity	N	No opportunity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for	N	No opportunity

HAM GREEN TO EAST O	F UPCHUR	СН																							
Feature	Rank			0-20 (up	to	2025)						20-50 (սլ	to	2055)							50-100 (u	p to	2105)		
		NAI (Baseline)	HT	TL	A	TL	М	R		IAI Baseline)	Н	TL	Α	TL		MR		NA (B	Al aseline)	H.	TL	ΑT	Ľ	MI	R
		Defences remain	im ex	aintain / nprove kisting efences	_	eaward efences		econdary efences		Defences vill fail	ir	laintain / nprove efences	in Se	aintain / nprove eaward efences		Mainta /improv second defenc	/e lary	No	defences	im	aintain / nprove efences	im se	aintain / prove award fences	/in	aintain nprove condary efences
						developme nt								developme nt									developme nt		
		OBJECTIVE 2	2: Av	oid net loss	of c	oastal grazir	ıg m	arsh and as	soc	iated species	fro	om flooding a	nd 1	lood risk m	ana	agemer	it works	!							
		Y No net loss	Y	No loss of habitat	Υ	No net loss	Υ	No net loss, as no habitat along frontage	Y	No net loss, narrow flood plain	Y	No loss of habitat	Y	No net loss		Y No r loss habi alon front	, as no tat g	Y	No net loss, narrow flood palin	Υ	No loss of habitat	Υ	No net loss	Y	No net loss, as no habitat along frontage
Agricultural Land	C3	OBJECTIVE:	Prev	ent loss/ red	luce	ed potential o	f ag	ricultural lar	nd f	rom flooding															
		Y No loss	Y	No loss	Υ	No loss	N	Loss of Grade 1 agricultural land	P	Potential loss as shoreline erodes	Y	No loss	Y	No loss		N Loss Grad agrid land	de 1 cultural	N	Loss of some land as shoreline erodes	Y	No loss	Y	No loss	N	Loss of Grade 1 agricultural land
Facilities for recreation on the river, and	R2	OBJECTIVE 1 where approp			ama	age/ disruption	on to	recreation	anc	l associated l	ous	iness from flo	odi	ng and floo	d ri	isk mar	nagemen	t w	orks, OBJEC	TIV	E 2: Seek op	port	unities to en	han	ce features
associated business, including moorings and slipways, access to foreshore and river (including for fishing)		Y No loss	Y	No loss	Z	Loss of moorings	P	Possible loss dependant on realignment position	Y	No loss	Y	No loss	N	Loss of moorings		on	endant gnment	Y	No loss	~	No loss	Z	Loss of moorings	P	Possible loss dependant on realignment position
Public footpath along	R3	OBJECTIVE 1	: Pre	event loss/ d	isru	ption to foot	path	from floodi	ng	and flood risl	m	anagement w	ork	s											
shoreline, including on sea defence embankments, including Saxon Shore Way, community amenity land at Lower Halstow		Y No loss	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	P	Potential loss of footpath as shoreline erodes	Y	No loss	Y	No loss		to fo on e defe oppo s for foot retre	uption otpath xisting nces, ortunitie new oath on eated nces	N	Loss of footpath as shoreline erodes	Y	No loss	Y	No loss	Р	Disruption to footpath on existing defences, opportunities for new footpath on retreated defences
		OBJECTIVE 2	2: Se	ek opportuni	ities	to enhance	feat	ures where a	арр	ropriate															
		N No opportuniti es	Y	Opportuniti es to enhance	Υ	Opportuniti es to enhance	Y	Opportuniti es to enhance	N	No opportunitie s	Y	Opportuniti es to enhance	Υ	Opportuniti es to enhance		Y Opp es to enha		N	No opportunitie s	Υ	Opportuniti es to enhance	Υ	Opportuniti es to enhance	Y	Opportunitie s to enhance
Non-statutory known and unknown heritage	G4	OBJECTIVE 1 Seek opportu							an	d flood risk n	ana	agement wor	ks c	r implemen	t ap	ppropri	ate mitig	atio	on measures	, inc	cluding prese	erva	tion of evide	nce	by record.

HAM GREEN TO EAST O	F UPCHUR	RCH											
Feature	Rank		0-20 (uj	o to 2025)			20-50 (սլ	o to 2055)			50-100 (u	p to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL MR		NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences will fail	Maintain / improve defences	improve /im seaward sec	aintain mprove econdary efences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
		Y Loss ok as long as survey and record finds	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds	Y Loss ok as long as survey and record finds and monitor	long as survey and record finds and	Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor
Landscape of the estuary and marshes,	L2				pe quality and v res where appro		om flooding/ risk	management works.	. Ensure consi	deration of ex	isting defences o	on landscape and	d heritage
including existing defences		Y Visual amenity maintain as is	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	P Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	Y Visual quality maintained, more natural shoreline	P Maintain as is but increased defences	defences, visual estuary landscape impacts	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	Y Visual quality maintained, more natural shoreline	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	P Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences
Lower Halstow Conservation Area	G2				rvation Area from					V No loss	Lyly	Y No loss	Y No loss
		1 110 1000	Y No loss	1 110 1000	1 110 1000	Y No loss	Y No loss	Y No loss Y	No loss	Y No loss	Y No loss	Y No loss	Y No loss
		N No opportunit y	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No N opportunity	No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity
Lower Halstow	E4	OBJECTIVE 1	: Prevent loss/ o	lamage to from f	looding and floo	d risk managem	ent works						
Brickworks		Y No loss	Y No loss	Y No loss	Y No loss	Y No loss	Y No loss	Y No loss Y	No loss	Y No loss	Y No loss	Y No loss	Y No loss
		OBJECTIVE 2	: Seek opportun	ities to enhance	features where a	appropriate							
		N No opportunit y	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity N	No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity
Υ		10	10	9	8	8	10	9	8	8	10	9	8
P		1	2	1	3	3	2	1	3	0	1	1	3
N		5	4	6	5	5	4	6	5	8	5	6	5

HAM GREEN TO E	EAST OF UPCHUR	СН											
Feature	Rank		0-20 (u	to 2025)			20-50 (սբ	o to 2055)			50-100 (u	ıp to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences will fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Weighted Score		26	26.5	21.5	24	24.5	26.5	21.5	24	21	24.5	21.5	24

Feature	Rank				0-20 (u	p to	2025)						20-50 (up	to	2055)						50-100 (ι	ıp to	2105)		
			Al Baseline)	Н	ΓL	Α٦	ΓL	М	R	N. (E	Al Baseline)	Н	TL	A.	TL	М	R	N/ (B	Al aseline)	Н	TL	A	TL	М	R
			efences emain	im	aintain / prove risting efences		eaward efences		econdary efences		efences ill fail	im	aintain / nprove efences	in se	aintain / nprove eaward efences	/in	aintain nprove econdary efences	No	o defences	in	aintain / nprove efences	in se	aintain / nprove eaward efences	/ir	aintain nprove econdary efences
Residential properties on	H2	0	BJECTIVE	: Pr	event loss/ d	lama	age to reside	ntia	I properties	ron	n flooding or	floo	d risk mana	gem	ent works										
edge of Wetham Green and Bayford and Lower Halstow		Y	No loss	Y	No loss	Υ	No loss	Υ	No loss defences seaward of properties	N	Damage to / loss of properties at Bayford as defences fail	Y	No loss	Υ	No loss	Υ	No loss defences seaward of properties	Z	Loss of other properties with further inundation	Y	No loss	Y	No loss	Υ	No loss defences seaward of properties
Major infrastructure e.g.	F2	0	BJECTIVE	: Pr	event loss/ d	lama	age/ disruption	on t	o infrastructi	ıre	from flooding	j													
local roads, A249, Kingsferry Bridge, Motney Hill Sewage Treatment works, services and communications		Y	No loss	Y	No loss	Y	No loss	Υ	No loss defences seaward of infrastructu re	Z	Loss of infrastructu re as all defences fail	Y	No loss	Υ	No loss	Y	No loss defences seaward of infrastructu re	Z	Loss of infrastructu re with further inundation and erosion at Bedlams Bottom	Y	No loss	Y	No loss	Υ	No loss defences seaward of infrastructur e
Intertidal Habitat,	E1	0	BJECTIVE	1: I	Promote biod	dive	rsity opportu	niti	es to enhanc	e / c	create intertion	lal h	nabitat												
including saltmarsh islands e.g. Burntwick Island		N	No opportu nity	Z	No opportunity	N	No opportunity	Y	Opportuniti es for habitat creation in some areas	Υ	Opportuniti es for habitat creation	Z	No opportunity	Z	No opportunity	~	Opportuniti es for habitat enhanceme nt in some areas	Y	Opportuniti es for habitat creation	N	No opportunity	N	No opportunity	Y	Opportunities for habitatenhancement someareas
		0	BJECTIVE	2: /	Avoid net los	s of	intertidal ha	bita	t and associ	ated	d species fro	m c	oastal squee	ze a	nd flood risk	ma	nagement wo	orks	3		l .				
		P	Some erosion due to coastal squeez e, howeve r also accretio n in other areas	P	Some erosion due to coastal squeeze, however also accretion in other areas	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss	Y	No net loss	P	Some erosion due to coastal squeeze, however also accretion in other areas	Z	Loss of intertidal habitat as defences positioned seaward	Y	No net loss	Y	No net loss	N	Net loss of intertidal habitat due to coastal squeeze	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss
Coastal Grazing marsh	E2	0	BJECTIVE	1:1	Promote biod	dive	rsity opportu	niti	es to enhanc	e / c	reate coasta	l gr	azing marsh												
habitat (including habitat on the flood defence		N	No opportu	Ν	No opportunity	Р	Opportunity to create	N	No opportunity	N	No opportunity	Ν	No opportunity	Р	Opportunity to create	Ν	No opportunity	N	No opportunity	N	No opportunity	Р	Opportunity to create	N	No opportunity

Feature	Rank				0-20 (ι	p to	2025)						20-50 (u	o to	2055)						50-100 (ı	p to	2105)		
		N/	Al aseline)	H	TL		TL	MI	₹		Al Baseline)	H	ITL	_	TL	М	IR	N/ (B	AI Baseline)	H.	TL	•	TL	МІ	3
			efences main	im	aintain / nprove kisting efences		eaward efences		econdary fences		efences ill fail	iı	laintain / mprove efences	in Se	aintain / nprove eaward efences	/ii	laintain mprove econdary efences	No	o defences	im	aintain / nprove efences	in se	aintain / nprove eaward efences	/in	nintain nprove condary fences
embankments) and reedbed			nity				habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt								habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt								habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt		
		Y	No net loss	2: /	No loss of habitat	Y	f coastal graz	zing N	Marsh and a Loss of habitat	N	Loss of habitat as all defences fail	Y	No loss of habitat	y an	No net loss	nan N	Loss of habitat	N N	Loss of habitat with further inundation	Υ	No loss of habitat	Y	No net loss	N	Loss of habitat
Agricultural Land	C3	OI	BJECTIVE	: Pr	revent loss/ i	edu	ced potentia	ofa	agricultural I	and	from floodi	ng			I		1			<u> </u>					
		Y	No loss	Y	No loss	Y	No loss	N	Loss of Grade 1 land	N	Loss / reduced potential of Grade 1 agricultural land as all defences fail	Y	No loss	Y	No loss	N	Loss of Grade 1 land	N	Loss / reduced potential of Grade 1 agricultural land with further inundation and erosion	Υ	No loss	Y	No loss	N	Loss of Grade 1 land
Facilities for recreation on the river, and associated	R2		BJECTIVE propriate		Prevent loss	/ daı	mage/ disrup	tion	to recreatio	n aı	nd associate	d b	usiness from	floc	ding and flo	od r	isk managem	ent	works, Seek	ор	portunities t	o en	hance featur	es w	here
business, including moorings and slipways, access to foreshore and river (including for fishing)		Y	No loss	Y	No loss	N	Loss of moorings	P	Possible loss dependant on realignment position	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y	No loss	N	Loss of moorings	P	Possible loss dependant on realignment position	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y	No loss	N	Loss of moorings	P	Possible loss dependant on realignmer position
Public footpath along	R3	Ol	BJECTIVE	1:1	Prevent loss	/ dis	ruption to fo	otpa	th from floo	din	g and flood r	isk	managemen	wo	rks										
shoreline, including on sea defence embankments, including Saxon Shore Way,		Υ	No loss	Υ	No loss	Y	No loss	Р	Disruption to footpath on existing defences,	N	Loss of footpaths as defences	Y	No loss	Y	No loss	Р	Disruption to footpath on existing defences,	Ν	Loss of footpaths with further inundation	Υ	No loss	Υ	No loss	Р	Disruption footpath on existing defences,

Feature	Rank				0-20 (up	o to	2025)						20-50 (up	to	2055)						50-100 (u	p to	2105)		
		NA (B	NI aseline)	Н		A.		М	R		Al Baseline)	Н	TL	_	TL	N	MR	NA (B	Al aseline)	H	•	Α1		MR	ĺ
		_	fences main	im	aintain / iprove cisting ifences		eaward efences		econdary efences		efences ill fail	in	aintain / nprove efences	in se	aintain / nprove eaward efences	/i s	Maintain improve secondary defences	No	defences	in	aintain / nprove efences	im se	nintain / prove award fences	/im	intain prove condary fences
community amenity land at Lower Halstow									opportunitie s for new footpath on retreated defences		fail						opportunitie s for new footpath on retreated defences								opportunitie s for new footpath on retreated defences
		N	No opportu nities	Y	Opportuniti es to enhance	Y	Opportuniti es to enhance	Y	Opportuniti es to enhance	N N		Υ	Opportuniti es to enhance	Υ	Opportuniti es to enhance	Y	Opportuniti es to enhance	N	No opportunitie s	Υ	Opportuniti es to enhance	Y	Opportuniti es to enhance	Y	Opportunities to enhance
Non-statutory known and unknown heritage	G4				Prevent loss/ portunities to							ma	nagement we	orks	or impleme	nt a	appropriate mi	tiga	tion measur	es,	including pre	serv	ation of evic	lenc	e by
		Y	Loss ok as long as survey and record finds	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Υ	Loss ok as long as survey and record finds and monitor	Υ	Loss ok as long as survey and record finds	Υ	Loss ok as long as survey and record finds and monitor	Υ	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds	Υ	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monito
Landscape of the estuary and marshes, including	L2				Prevent degra							ron	n flooding/ ris	sk m	nanagement	wo	rks. Ensure co	nsi	deration of e	xis	ting defences	on	landscape a	nd h	eritage
existing defences		Y	Maintai n as is	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	Р	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	N	Loss of estuary landscape features	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	Р	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	N	Loss of estuary landscape features	Р	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	P	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences
Lower Halstow Conservation Area	G2			1: [Prevent loss/	_						flo		gen			T T				T				
		Υ	No loss	Y	No loss	Υ	No loss	Υ	No loss	N	Loss of historic wharf	Υ	No loss	Υ	No loss	Υ	/ No loss	N	Loss of historic wharf	Υ	No loss	Υ	No loss	Y	No loss
		OE	BJECTIVE	2: 9	Seek opportu	niti	es to enhand	e fe	atures where	e ap	propriate														
		N	No opportu	N	No opportunity	Ν	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	Ν	No opportunity	Ν	No opportunity	Ν	No opportunity

EAST OF UPCHURCH TO E	AST LOWE	RH	IALSTOW																						
Feature	Rank				0-20 (u	p to	2025)						20-50 (up	to	2055)						50-100 (u	p to	2105)		
		N/ (B	Al Baseline)	Н	TL	A.	TL	M	R	N. (E	Al Baseline)	H	TL	A	TL	N	/IR	N. (E	Al aseline)	H	TL	A.	ΓL	MI	R
			efences emain	in	aintain / nprove kisting efences		eaward efences		econdary efences		efences ill fail	in	laintain / nprove efences	in Se	laintain / nprove eaward efences	/i	Maintain improve secondary lefences	N	defences	in	aintain / nprove efences	in se	aintain / aprove eaward efences	/in	aintain nprove condary efences
			nity																						
Lower Halstow	E4	0	BJECTIVE	1:	Prevent loss/	daı	mage to from	flo	oding and flo	od	risk manager	ner	nt works												
Brickworks		Υ	No loss	Y	No loss	Υ	No loss	P	Possible loss dependant on realignment position	N	Damage and loss of area as defences fail	Υ	No loss	Υ	No loss	Р	Possible loss dependant on realignment position	N	Loss of area with further inundation	Y	No loss	Y	No loss	Р	Possible loss dependant on realignment position
		0	BJECTIVE	2:	Seek opportu	niti	es to enhanc	e fe	atures where	ap	propriate														
		N	No opportu nity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity
Υ	•		10		10		9		7		3		10		9		9		3		10		9		7
Р			1		2		1		4		0		2		1		2		0		0		1		4
N			5		4		6		5		13		4		6		5		13		6		6		5
Weighted Score	•		26		26.5		18.5		24.5		9		26.5		18.5		24.5		9		24.5		18.5		24.5

BARKSORE MARSHES																								
Feature	Rank			0-20 (u	p to	2025)						20-50 (up	to :	2055)						50-100 (u	p to	2105)		
		NAI (Baseline)	H.	TL	A.	TL	M	R		Al Baseline)	H.	ΤL	A	TL	MI	R	N. (E	Al Baseline)	Н	TL	ΑΊ	Ľ	MI	3
		Defences will fail	in ex	aintain / nprove kisting efences		eaward efences		econdary efences	N	o defences	im	aintain / nprove efences	im se	aintain / nprove eaward efences	/in	aintain nprove condary efences	N	o defences	in	aintain / nprove efences	im se	nintain / prove award fences	/in	aintain nprove condary fences
Residential properties on	H2	OBJECTIVE	: Pr	revent loss/ c	lama	age to reside	ntia	I properties	ron	n flooding or	floc	d risk mana	gem	ent works										
edge Lower Halstow		Y No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Major infrastructure e.g.	F2	OBJECTIVE	: Pr	event loss/ o	lama	age/ disrupti	on t	o infrastructi	ıre	from flooding	g							•		•		•	•	
local roads, A249, Kingsferry Bridge, Motney Hill Sewage Treatment works, services and communications		Y No loss	Y	No loss	Y	No loss	Y	No loss	Υ	No loss	Y	No loss	Y	No loss	Y	No loss	Y	No loss	Y	No loss	Y	No loss	Y	No loss
Intertidal Habitat,	E1	OBJECTIVE	1:1	Promote biod	dive	rsity opportu	ıniti	es to enhanc	e / (create interti	dal I	nabitat												
including saltmarsh islands e.g. Burntwick Island		Y Opportu nities for habitat creation	N	No opportunity	N	No opportunity	Υ	Opportuniti es for habitat creation	Υ	Opportuniti es for habitat creation	N	No opportunity	N	No opportunity	Y	Opportuniti es for habitat creation	Υ	Opportuniti es for habitat creation	N	No opportunity	N	No opportunity	Y	Opportunitie s for habitat creation
		OBJECTIVE	2: /	Avoid net los	s of	f intertidal ha	abita	t and associ	ate	d species fro	m c	oastal squee	ze a	nd flood risk	ma	nagement w	ork	S		•		•	•	
		Y No net loss	P	Some erosion due to coastal squeeze, however also accretion in other areas	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss	Y	No net loss	Р	Some erosion due to coastal squeeze, however also accretion in other areas	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss	Y	No net loss	N	Net loss of intertidal habitat due to coastal squeeze	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss
Coastal Grazing marsh	E2	OBJECTIVE	1:1	Promote biod	dive	rsity opportu	ıniti	es to enhanc	e / (create coasta	ıl gr	azing marsh										'		
habitat (including habitat on the flood defence embankments) and reedbed		N No opportunity	Z	No opportunity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	Z	No opportunity	Z	No opportunity	Z	No opportunity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	N	No opportunity	N	No opportunity	N	No opportunity	Р	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	N	No opportunity
		OBJECTIVE	2:	Avoid net los	s of	f coastal gra	zing	marsh and a	ISS	ciated speci	es f	rom flooding	and	d flood risk n	nana	agement wor	ks							

BARKSORE MARSHES																								
Feature	Rank			0-20 (ι	ıp to	2025)						20-50 (u _l	to	2055)						50-100 (u	p to	2105)		
		NAI (Baseli		HTL	Α٦	TL .	MF	R		Al Baseline)	H	ITL	A	TL	N	/IR		Al Baseline)	H	TL	A	ΓL	MI	R
		Defenc will fail		Maintain / improve existing defences		eaward fences		econdary fences	N	o defences	iı	Maintain / mprove lefences	in	aintain / nprove eaward efences	/i	Maintain improve secondary lefences	N	o defences	in	aintain / nprove efences	im	aintain / prove award efences	/in	aintain nprove condary efences
		N Loss habi		Y No loss of habitat	Y	No net loss	N	Loss of habitat	N	Loss of habitat as all defences fail	Υ	No loss of habitat	Υ	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Υ	No loss of habitat	Υ	No net loss	N	Loss of habitat
Agricultural Land	C3	OBJEC	TIVE:	Prevent loss/ i	edu	ced potentia	of a	agricultural I	and	from floodin	g			I.	1	1	1	I		I				
		N Red d pote I / lo of Grad land	entia ss de 3	Y No loss	Y	No loss	N	Loss of Grade 3 land	N	Loss / reduced potential of Grades 3 agricultural land as all defences fail	Y	No loss	Y	No loss	N	Loss of Grade 3 land	N	Loss / reduced potential of Grades 3 agricultural land with further inundation and erosion	Y	No loss	Y	No loss	N	Loss of Grade 3 land
Facilities for recreation on the river, and associated	R2	OBJEC approp		: Prevent loss	/ dan	nage/ disrup	tion	to recreation	n ar	nd associated	d b	usiness from	floo	ding and flo	od	risk managen	nen	t works, Seek	ор	portunities to	en	hance feature	es w	here
business, including moorings and slipways, access to foreshore and river (including for fishing)		Y No l	oss	Y No loss	N	Loss of moorings	Y	No loss	Υ	No loss	Y	No loss	N	Loss of moorings	Y	No loss	Y	No loss	Y	No loss	N	Loss of moorings	Y	No loss
Public footpath along	R3	OBJEC	TIVE 1	: Prevent loss	/ dis	ruption to fo	otpa	th from floo	ding	g and flood ri	sk	management	wo	rks		1							1	
shoreline, including on sea defence		Y No I	oss	Y No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
embankments, including Saxon Shore Way,		OBJEC	TIVE 2	: Seek opport	unitio	es to enhand	e fe	atures where	e ap	propriate	1	1						l.			<u> </u>			
community amenity land at Lower Halstow		N No oppo	ortu	N No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	Ν	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	Ν	No opportunitie s	Z	No opportunitie s
Non-statutory known and unknown heritage	G4			: Prevent loss opportunities							ma	anagement w	orks	or impleme	nt a	appropriate m	itig	ation measur	es,	including pre	ser	vation of evid	dend	ce by
		Y Loss as lo as surv and reco finds	ey ord	Y Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor	Y	Loss ok as long as survey and record finds and monitor

BARKSORE MARSHES																									
Feature	Rank				0-20 (u	o to	2025)						20-50 (up	to	2055)						50-100 (u	p to	2105)		
		NAI (Bas	seline)	НТ	TL .	A.	ΓL	MI	R	N. (E	Al Baseline)	H.	TL	A	TL	M	IR	N/ (B	Al aseline)	H	TL	ΑΊ	TL .	М	R
		Defe will	ences fail	im	aintain / prove isting fences		eaward efences		econdary Ifences	N	o defences	im	aintain / nprove efences	im	aintain / nprove eaward efences	/ii	laintain mprove econdary efences	No	o defences	in	aintain / nprove efences	im se	aintain / prove award fences	/ir	aintain nprove econdary efences
Landscape of the estuary and marshes, including	L2						tion of landso enhance feat					ron	n flooding/ ris	k m	nanagement	wor	rks. Ensure co	onsi	deration of e	exis	ting defences	on	landscape a	nd l	heritage
existing defences		1	Visual quality maintai ned, more natural shorelin e	Р	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	Υ	Visual quality maintained, more natural shoreline	Υ	Visual quality maintained, more natural shoreline	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	Υ	Visual quality maintained, more natural shoreline	Y	Visual quality maintained, more natural shoreline	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	Y	Visual quality maintained, more natural shoreline
Lower Halstow	G2	ОВ	JECTIVE	1: F	Prevent loss/	daı	mage to Cons	serv	ation Area fr	om	flooding and	flo	od risk mana	gen	nent works	•					•	•			
Conservation Area		ΥΙ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
		ОВ	JECTIVE	2: 5	Seek opportu	niti	es to enhanc	e fe	atures where	ар	propriate						•								
		(No opportu nity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity
Υ	•		9		8		7		9		9		8		7		9		9		8		7		9
Р			0		2		1		0		0		2		1		0		0		1		1		0
N			5		4		6		5		5		4		6		5		5		5		6		5
Weighted Score			26		23.5		18.5		26		26		23.5		18.5		26		26		21.5		18.5		26

FUNTON TO RASPBERRY H	ILL																							
Feature	Rank			0-20 (u	p to	2025)						20-50 (սբ	to	2055)						50-100 (u	p to	2105)		
		NAI (Baseline)		TL	Α٦	rL	MI	₹		Al Baseline)	H	TL	A.	ΓL	N	/IR	N/ (B	Al aseline)	Н	TL	ΑT	rL	MI	₹
		Defences around Chetney and Barksore Marshes will fail	in	aintain / nprove xisting efences		eaward fences		condary fences	B M re	o defences round hetney and arksore larshes, emaining efences vill fail	in	laintain / nprove efences	in se	aintain / iprove award ifences	/i S	Maintain improve econdary lefences	Ne	o defences	in	aintain / nprove efences	im	aintain / prove award fences	/in	aintain nprove condary fences
Major infrastructure e.g.	F2	OBJECTIV	Æ: Pi	revent loss/ d	ama	ige/ disrupti	on to	o infrastructu	ıre	from flooding	j													
local roads, A249, Kingsferry Bridge, Motney Hill Sewage Treatment works, services and communications		N Potenti al damage to / loss of local road	Y	No loss	Y	No loss	N	Loss of road	N	Potential damage to / loss of local road	Y	No loss	Y	No loss	N	Loss of road	N	Potential loss of local road	Υ	No loss	Υ	No loss	N	Loss of road
Intertidal Habitat,	E1	OBJECTIV	/E 1:	Promote biod	live	sity opportu	ınitie	es to enhanc	e /	create intertio	lal	habitat												
including saltmarsh islands e.g. Burntwick Island		Y Opportunities for habitat creation		No opportunity	N	No opportunity	Y	Opportuniti es for habitat creation in some areas	Υ	Opportuniti es for habitat creation	Z	No opportunity	Z	No opportunity	Y	Opportuniti es for habitat enhanceme nt in some areas	Y	Opportuniti es for habitat creation	N	No opportunity	Z	No opportunity	Y	Opportunitie s for habitat enhanceme nt some areas
		OBJECTIV	Æ 2:	Avoid net los	s of	intertidal ha	bita	t and associ	ate	d species fro	m c	oastal squee	ze a	nd flood risk	m	anagement w	orks	3						
		Y No net loss	Р	Some erosion due to coastal squeeze, however also accretion in other areas	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss	Υ	No net loss	Р	Some erosion due to coastal squeeze, however also accretion in other areas	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss	Y	No net loss	N	Net loss of intertidal habitat due to coastal squeeze	N	Loss of intertidal habitat as defences positioned seaward	Y	No net loss
Υ	E2	OBJECTIV	/E 1:	Promote biod	live	sity opportu	ınitie	es to enhanc	e /	create coasta	l gı	azing marsh												
		N No opportu nity	N	No opportunity	Р	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for	N	No opportunity	N	No opportunity	N	No opportunity	P	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for	Z	No opportunity	Z	No opportunity	N	No opportunity	Ъ	Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for	N	No opportunity

FUNTON TO RASPBERRY H					0.00.7		0005)						00.50.4		0055)						F0 400 (0405)		
Feature	Rank				0-20 (u	_							20-50 (up								50-100 (u				
		N/	Al aseline)	H	TL	A.	TL	MI	₹	_	Al Baseline)	H.	TL	A.	TL	M	MR	N/ (B	Al aseline)	H.	ΓL	ΑΊ	TL .	MF	?
		ar Cl ar Ba	efences ound hetney nd arksore arshes ill fail	im	aintain / nprove kisting efences	_	eaward efences		econdary fences	a B N re	o defences round hetney and arksore larshes, emaining efences vill fail	in	aintain / nprove efences	in	aintain / nprove eaward efences	/ii	Maintain mprove econdary lefences	No	o defences	im	aintain / nprove prences	im	nintain / prove award fences	/in	nintain prove condary fences
							developme nt								developme nt								developme nt		
		0	BJECTIVE	2: /	Avoid net los	s o	f coastal graz	zing	marsh and a	iss	ociated speci	es f	rom flooding	and	d flood risk n	nan	nagement wor	ks							
		Υ	No net loss	Υ	No loss of habitat		No net loss	Υ	No net loss	Υ	No net loss	Υ	No loss of habitat	Υ	No net loss	Υ	No loss	Υ	No net loss	Υ	No loss of habitat	Υ	No net loss	Υ	No net loss
Agricultural Land	C3	0	BJECTIVE	: Pr	revent loss/ r	edu	ced potential	of a	agricultural l	and	from floodin	g													
		Z	Reduce d potentia I / loss of Grade 2 land	Υ	No loss	Y	No loss	Z	Loss of Grade 2 land	Ν	Loss / reduced potential of Grade 2agricultura I land	Υ	No loss	Y	No loss	Z	Loss of Grade 2 land	N	Loss / reduced potential of Grade 2agricultura I land	~	No loss	Y	No loss	Z	Loss of Grade 2 land
Facilities for recreation on the river, and associated	R2		BJECTIVE propriate		Prevent loss	daı	mage/ disrup	tion	to recreation	n a	nd associated	bu	siness from	floo	ding and floo	n bo	risk managem	ent	works, Seek	ор	portunities to	enl	nance featur	es w	here
business, including moorings and slipways, access to foreshore and river (including for fishing)		Y	No loss	Υ	No loss	Υ	No loss	Y	No loss	Υ	No loss	Υ	No loss	Y	No loss	Y	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Y	No loss
Public footpath along	R3	0	BJECTIVE	1: I	Prevent loss	dis	ruption to fo	otpa	th from floo	din	g and flood ri	sk r	management	wo	rks										
shoreline, including on sea defence		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
embankments, including Saxon Shore Way,		_		2: 9			es to enhanc				1		T				1								
community amenity land at Lower Halstow		N	No opportu nities	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	Ν	No opportunitie s	N	No opportunitie s	N	No opportunitie s
Non-statutory known and unknown heritage	G4						mage to herit					ma	nagement wo	orks	or impleme	nt a	ppropriate mi	tiga	ition measur	es, i	including pre	serv	ation of evid	denc	e by
		Υ	Loss ok as long as survey and	Y	Loss ok as long as survey and record finds and	Υ	Loss ok as long as survey and record finds and	Y	Loss ok as long as survey and record finds and	Y	Loss ok as long as survey and record finds	Y	Loss ok as long as survey and record finds and	Y	Loss ok as long as survey and record finds and	Y	Loss ok as long as survey and record finds and	Υ	Loss ok as long as survey and record finds	Υ	Loss ok as long as survey and record finds and	Y	Loss ok as long as survey and record finds and	Y	Loss ok as long as survey and record finds and monitor

FUNTON TO RASPBERRY H	IILL																								
Feature	Rank				0-20 (u	p to	2025)						20-50 (up	to	2055)						50-100 (u	p to	2105)		
		NA (Ba	d aseline)	Н	ΓL	Α	TL	М	R	N. (E	Al Baseline)	Н	ITL	A.	TL	M	IR	N. (E	Al aseline)	H	TL	A ⁻	ΓL	М	R
		ard Ch an Ba Ma	fences ound etney d rksore irshes I fail	im	aintain / iprove cisting efences	_	eaward efences		econdary efences	ar Cl Ba M re de	o defences round hetney and arksore larshes, emaining efences ill fail	ir	laintain / nprove efences	in se	aintain / nprove saward efences	/ii	laintain mprove econdary efences	N	o defences	in	aintain / nprove efences	im se	aintain / iprove award ifences	/in	aintain nprove econdary efences
			record finds		monitor		monitor		monitor				monitor		monitor		monitor				monitor		monitor		
Landscape of the estuary and marshes, including	L2						tion of lands enhance feat					fror	n flooding/ ris	sk m	nanagement	wor	rks. Ensure c	ons	deration of e	xis	ting defences	on	landscape a	nd l	heritage
existing defences		Y	Visual quality maintai ned	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	Р	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	Υ	Visual quality maintained, more natural shoreline	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	Р	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	Y	Visual quality maintained, more natural shoreline	P	Maintain as is but increased defences	Z	Hard defences, visual estuary landscape impacts	Р	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences
Υ			7		6		6		6		7		6		6		6		7		6		6		6
P			0		2		1		1		0		2		1		1		0		1		1		1
N Waimhtad Saara			4		3		4		4		4		3		4		4		4		4		4		4
Weighted Score			20		17.5		15.5		18.5		22		17.5		15.5		18.5		20		15.5		15.5		18.5

Rank		0-20 (ι	ıp to 2025)			20-50 (u	p to 2055)			50-100 (up to 2105)	
	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
	Defences around Chetney and Barksore Marshes will fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences around Chetney and Barksore Marshes, remaining defences will fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
F2	OBJECTIVE	E: Prevent loss/	damage/ disrupt	ion to infrastruct	ure from floodin	g						
	N Damag e to pylons and roads	Y No loss	Y No loss	Y No loss defences seaward of infrastruct ure	N Damage to pylons and roads	Y No loss	Y No loss	Y No loss defences seaward of infrastruct ure	N Damage to pylons and roads	Y No loss	Y No loss	Y No loss defences seaward of infrastructu re
E1	OBJECTIVE	E 1: Promote bio	diversity opport	unities to enhand	e / create interti	dal habitat						
	Y Opportu nities for habitat creation	N No opportunity	N No opportunity	Y Opportuniti es for habitat creation	Y Opportuniti es for habitat creation	N No opportunity	N No opportunity	Y Opportuniti es for habitat creation	Y Opportuniti es for habitat creation	N No opportunity	N No opportunity	Y Opportunitie s for habitat creation
	OBJECTIVE	E 2: Avoid net lo	ss of intertidal h	abitat and associ	ated species fro	om coastal sque	eze and flood risl	k management v	vorks	-		1 .
	Y No net loss	P Some erosion due to coastal squeeze, however also accretion in other areas	N Loss of intertidal habitat as defences positioned seaward	Y No net loss	Y No net loss	P Some erosion due to coastal squeeze, however also accretion in other areas	N Loss of intertidal habitat as defences positioned seaward	Y No net loss	Y No net loss	N Net loss of intertidal habitat due to coastal squeeze	N Loss of intertidal habitat as defences positioned seaward	Y No net loss
E2	OBJECTIVE	E 1: Promote bio	diversity opport	unities to enhand	e / create coasta	al grazing marsh	1					
	N No opportu nity	N No opportunity	P Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	N No opportunity	N No opportunity	N No opportunity	P Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	N No opportunity	N No opportunity	N No opportunity	P Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	N No opportunity
	E1	Caseline	Baseline	Baseline Defences Defences Maintain / improve existing defences Seaward defence	Part Part	Claseline Defences around chert Chetney and Barksore Marshes will fail Provided to coastal and roads Provided to coastal and to creation Provided to coastal and to creation Provided to coastal and to creation Provided to coastal and to accretion in opportunity Provided to coastal and components Provided to coastal and coastal and coastal and coastal and components Provided to coastal and c	Baseline Caseline Caseline	Claseline Defences Defences Defences Chetney and around Chetney existing Defences D	Chences Chen	Caseline Caseline	Caseline Case Cas	Caseline Caseline

CHETNEY MARSHES																									
Feature	Rank				0-20 (u	p to	2025)						20-50 (u	to	2055)						50-100 (ι	ıp to	2105)		
		N/ (B	Al aseline)	H.	TL	A	TL	МІ	₹		Al Baseline)	Н	TL	A	TL	N	/IR	NA (B	Al aseline)	Н	TL	A.	TL	М	R
		ar Cl ar Ba Ma	efences round hetney nd arksore arshes ill fail	im	aintain / nprove cisting efences	_	eaward efences		condary fences	a C B N re	o defences round hetney and arksore larshes, emaining efences ill fail	in	laintain / nprove efences	in	aintain / nprove eaward efences	/i S	Maintain improve econdary lefences	No	o defences	in	laintain / nprove efences	in	aintain / nprove saward efences	/ir	aintain nprove condary efences
		N	Loss of habitat	Υ	No loss of habitat	Υ	No net loss	Ν	Loss of habitat	Z	Loss of habitat as all defences fail	Y	No loss of habitat	Υ	No net loss	Y	No loss	N	Loss of habitat with further inundation	Y	No loss of habitat	Υ	No net loss	Υ	No loss
Agricultural Land	C3	OI	BJECTIVE	: Pr	event loss/ re	edu	ced potentia	l of a	gricultural l	and	from floodin	g													
		N	Reduce d potentia I / loss of Grade 4 land	Y	No loss	Υ	No loss	N	Loss of Grade 4 land	N	Loss / reduced potential of Grades 4 agricultural land as all defences fail	Υ	No loss	Y	No loss	N	Loss of Grade 4 land	N	Loss / reduced potential of Grades 4 agricultural land with further inundation and erosion	Y	No loss	Y	No loss	N	Loss of Grade 4 land
Facilities for recreation on the river, and associated	R2		BJECTIVE propriate		Prevent loss/	da	mage/ disrup	tion	to recreatio	n a	nd associated	l bu	isiness from	floc	ding and flo	od ı	risk managen	nent	works, Seek	ор	portunities t	o en	hance featur	es v	vhere
business, including moorings and slipways, access to foreshore and river (including for fishing)		Y	No loss	Y	No loss	N	Loss of moorings	Y	No loss	Y	No loss	Υ	No loss	N	Loss of moorings	Y	No loss	Y	No loss	Y	No loss	N	Loss of moorings	Y	No loss
Public footpath along	R3	OI	BJECTIVE	1:1	Prevent loss/	dis	ruption to fo	otpa	th from floo	din	g and flood ri	sk ı	management	wo	rks										
shoreline, including on sea defence embankments, including Saxon Shore Way, community amenity land at Lower Halstow		N	Loss of footpath s	Υ	No loss	Υ	No loss	P	Potential loss dependant on realignment position loss	N	Loss of footpaths	Υ	No loss	Υ	No loss	Р	Potential loss dependant on realignment position loss	N	Loss of footpaths	Υ	No loss	Y	No loss	P	Potential loss dependant on realignment position loss
		OI	BJECTIVE	2: 9	Seek opportu	ıniti	es to enhand	e fe	atures where	e ap	propriate														
		N	No opportu nities	Υ	Opportuniti es	Υ	Opportuniti es	Y	Opportuniti es	N	No opportunitie s	Υ	Opportuniti es	Y	Opportuniti es	Υ	Opportuniti es	N	No opportunitie s	Y	Opportuniti es	Υ	Opportuniti es	Υ	Opportunitie s
Non-statutory known and	G4	OI	BJECTIVE	1:1	Prevent loss/	da	mage to heri	tage	from flooding	ıg a	nd flood risk	ma	nagement w	orks	or impleme	nt a	appropriate m	itiga	tion measur	es,	including pro	eser	vation of evid	den	ce by

CHETNEY MARSHES													
Feature	Rank		0-20 (u	p to 2025)			20-50 (սյ	o to 2055)			50-100 (ι	up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences around Chetney and Barksore Marshes will fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences around Chetney and Barksore Marshes, remaining defences will fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
unknown heritage		record. See	k opportunities t	o enhance featu	res where appro	priate							
		Y Loss ok as long as survey and record finds	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor	Y Loss ok as long as survey and record finds and monitor
Landscape of the estuary and marshes, including	L2		: 1: Prevent degr eek opportunities				from flooding/ ris	sk management	works. Ensure c	onsideration of (existing defence	s on landscape a	ind heritage
existing defences		Y Visual quality maintai ned, more natural shorelin e	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	Y Visual quality maintained, more natural shoreline	Y Visual quality maintained, more natural shoreline	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	Y Visual quality maintained, more natural shoreline	Y Visual quality maintained, more natural shoreline	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	Y Visual quality maintained, more natural shoreline
Υ		5	7	6	7	5	7	6	8	5	7	6	8
P		0	2	1	1	0	2	1	1	0	1	1	1
N		6	2	4	3	6	2	4	2	6	3	4	2
Weighted Score		15	19.5	14.5	21	15	19.5	14.5	21	15	17.5	14.5	21

KINGSFERRY BRIDGE TO N					0.00 /							20.50 (0055)						E0 400 (0405)		
Feature	Rank				0-20 (up)					20-50 (up								50-100 (u	•		1	
		NAI (Baseli	ne)	HTL		ATL		MR	N/ (B	Al aseline)	Н	TL	A ⁻	TL	MF	?	NA (B	Al aseline)	Н٦	ΓL	AT	L	MR	
				Seawa defend	-	Secondary defences	De	efences fail	im	aintain / nprove efences	in se	aintain / nprove eaward efences	/im	intain prove condary fences	No	o defences	im	aintain / iprove efences	im	intain / prove award fences	/imp	ntain prove ondary ences		
Industry along Milton	C2	OBJEC	TIVE: Pre	event lo	oss/ dama	ge/ disr	ruption to	industrial area	s fro	m flooding														
Creek, Conyer Creek, Oare Creek and Faversham Creek, including wharfage			loss of lustry		o loss of dustry		loss of lustry	P Loss of industry, dependant on realignment position	N	Loss of industry on floodplain	Y	No loss of industry	Y	No loss of industry	Р	Loss of industry, dependant on realignment position	N	Loss of further industry with further inundation	Y	No loss of industry	Y	No loss of industry	i i	Loss of industry, dependant on realignmen position
Ridham Dock Industrial	C2	OBJEC	TIVE: Pre	event lo	oss/ dama	ge/ disr	ruption to	Ridham Dock i	ndu	strial area fro	m f	flooding												
Area, including wharfage			loss / mage		o loss / amage		loss / mage	P Possible loss of / disruption to dock dependant on realignment position	N	Loss of dock as defences fail	Υ	No loss / damage	Y	No loss / damage	Р	Possible loss of / disruption to dock dependant on realignment position	N	Loss of dock	Y	No loss / damage	Y	No loss / damage		Possible loss of / disruption to dock dependant on realignment position
Major infrastructure e.g.	F2	OBJEC	TIVE: Pre	event lo	oss/ dama	ge/ disr	ruption to	infrastructure	from	flooding														
local roads, bridges e.g. Brent Swing Bridge, A249, railway line and station, electricity pylons, Sewage Treatment Works, services and communications		Y No	loss	Y No	o loss	Y No	loss	P Relocation of / loss of infrastructu re, dependant on realignment position	N	Disruption / damage to infrastructu re on the floodplain as defences fail	Y	No loss	Y	No loss	Р	Relocation of / loss of infrastructu re, dependant on realignment position	N	Loss of infrastructu re on the floodplain	Y	No loss	Y	No loss		Relocation of / loss of infrastructu e, dependant on realignment position
Agricultural Land at	C3	OBJEC	TIVE: Pre	event lo	oss/ redu	ced pote	ential of a	gricultural land	fror	n flooding	•													
Coldharbour marshes, Tonge, Teynham , Luddenham		Y No	loss	Y No	o loss	Y No	loss	N Loss of Grade 4 land	N	Reduced potential of agricultural land at Coldharbou r Marshes as defences fail	Υ	No loss	Y	No loss	N	Loss of Grade 4 land	N	Loss of agricultural land at Coldharbou r Marshes with further inundation	Y	No loss	Y	No loss		Loss of Grade 4 land
Intertidal Habitat,	E1	OBJEC	TIVE 1: P	romot	e biodive	sity opp	portunitie	s to create / enh	hanc	e intertidal h	abit	tat	·											
including Fowley island			odiversity portunitie		odiversity oportunitie	to c	portunity preate prtidal	Y Biodiversity opportunitie s to create intertidal	Υ	Biodiversity opportunity to create habitat	N	No biodiversity opportunitie	Z	No opportunity to create intertidal	Y	Biodiversity opportunitie s to create intertidal	Υ	Biodiversity opportunity to create habitat	N	No biodiversity opportunitie	N	No opportunity to create intertidal		Biodiversity opportunities s to create intertidal

KINGSFERRY BRIDGE TO M	ILTON C	REE	K																						
Feature	Rank				0-20 (up	to 20	025)						20-50 (up	to	2055)						50-100 (เ	p to	2105)		
		NA (Ba	l seline)	H	TL	Α٦	ΓL	MI	3	NA (B	Al aseline)	Н	TL	A	ΓL	М	R	NA (B	Al aseline)	H	ΓL	A ⁻	ΓL	MF	₹
		_	fences nain	im	aintain / nprove kisting efences		eaward fences		condary fences	De	efences fail	in	laintain / nprove efences	im	aintain / aprove eaward efences	/in	aintain nprove econdary efences	No	defences	in	aintain / nprove efences	im	aintain / aprove eaward efences	/in	aintain nprove condary fences
							habitat		habitat up to MHWS						habitat		habitat up to MHWS						habitat		habitat up to MHWS
		ОВ	JECTIVE 2: AV	oid	net loss of in	tert	idal habitat a	nd a	associated s	pec	ies from coa	stal	squeeze and	lflo	od risk mana	gen	nent works								
		P	Loss of mudflat in historically eroding areas, accretion in others	Р	Loss of mudflat in historically eroding areas, accretion in others	N	Habitat loss as defences constructed seaward, adverse effect on estuary processes	Y	No net loss	Y	No net loss	Р	Loss of mudflat in historically eroding areas and due to coastal squeeze in confined locations, accretion in others	Z	Habitat loss as defences constructed seaward, adverse effect on estuary processes	~	No net loss	Y	No net loss	P	Loss of mudflat in historically eroding areas and due to coastal squeeze in confined locations, accretion in others	Z	Habitat loss as defences constructed seaward, adverse effect on estuary processes	Y	No net loss
Coastal Grazing marsh	E2	ОВ	JECTIVE 1: I	Pror	note biodive	sity	opportunitie	s to	create / enh	anc	e coastal gr	azir	ng marsh hab	itat											
habitat (including habitat on the flood defence embankments)		N	No opportunitie s	N	No opportunitie s	Р	Opportunity to create habitat as long as reclaimed land not used for developme nt	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	P	Opportunity to enhance habitat as long as reclaimed land not used for developme nt	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	P	Opportunity to enhance habitat as long as reclaimed land not used for developme nt	N	No opportunitie s
		ОВ	JECTIVE 2: Av	oid	net loss of co	oast	al grazing m	arsł	and associa	ated	species fro	m fl	ooding and fl	000	l risk manage	eme	nt works								
		Υ	No loss of habitat	Y	No net loss	Υ	No net loss	N	Loss of habitat	N	Loss of habitat as defences fail	Υ	No net loss	Υ	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Υ	No net loss	Υ	No net loss	N	Loss of habitat
Landscape of the estuary, marshes and town and	L2				ent degradat							flo	oding / risk n	nana	agement wor	ks.	Ensure cons	ider	ation of exis	ting	defences or	ı lan	dscape and	heri	tage
industrial areas, including existing defences		Y	Landscape maintained as is	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	N	Loss of Industrial and historic estuary landscape features	N	Degradatio n of landscape quality as defences fail, loss of features	Р	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	N	Loss of Industrial and historic estuary landscape features	N	Loss of Industrial and historic estuary landscape features	P	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	N	Loss of Industrial and historic estuary landscape features
Non-statutory known and	G4	ОВ	JECTIVE 1: I	rev	ent loss/ dar	nage	e to heritage	fror	n flooding ar	nd fl	lood risk ma	nag	ement works	or i	mplement ap	pro	priate mitiga	tion	measures, i	nclu	uding preser	vatio	on of eviden	ce by	record.

KINGSFERRY BRIDGE TO M	IILTON C	REEK	(
Feature	Rank				0-20 (up	to 2	:025)						20-50 (u _l	o to	2055)							50-100 (u	p to	2105)		
		NAI (Ba	seline)	H	ΓL	A	TL	M	IR	N/ (B	Al aseline)	Н	ITL	A	TL		MR	ł	N/ (B	Al aseline)	H	TL	A	TL .	M	R
		_	ences nain	im	aintain / nprove cisting efences		eaward efences		econdary efences	De	efences fail	in	laintain / nprove efences	in	aintain / nprove eaward efences		/im	intain prove condary fences	No	defences	in	aintain / nprove efences	im	aintain / prove award fences	/ir	aintain mprove econdary efences
unknown heritage		See	k opportuni	ties	to enhance f	eat	ures where a	ppr	opriate																	
		Y	No loss / damage	P	Potential loss of submerged heritage in areas of coastal squeeze, some loss ok along Swale as long as survey, record and monitor	P	Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P	Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P	Potential loss of heritage as defences fail, some loss ok along Swale as long as survey and record	P	Potential loss of submerged heritage in areas of coastal squeeze, some loss ok along Swale as long as survey, record and monitor	P	Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	d		Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P	Potential loss of heritage as defences fail, some loss ok along Swale as long as survey and record	P	Potential loss of submerged heritage in areas of coastal squeeze, some loss ok along Swale as long as survey, record and monitor	Р	Potential loss of heritage, some loss ok along swale as long as survey, record and monitor	P	Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor
Facilities for recreation on the river, and associated	R3		JECTIVE 1: I propriate	Prev	ent loss/ dar	nag	e/ disruption	to	recreation an	d as	ssociated bu	sin	ess from floo	din	g and floo	d risl	k m	anagement	IOW	ks, Seek opp	oort	unities to en	hand	e features w	hei	re
business, including quayside frontages, creekside paths, moorings and slipways, access to foreshore and river (including for fishing) Also Oare marsh Nature Reserve, including facilities for disabled people.		Y	No loss	Y	No loss	N	Loss of moorings, channel width reduced compromisi ng safe navigation	N	Loss of creekside paths	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y	No loss	N	Loss of moorings, channel width reduced compromi ng safe navigation	si		Loss of creekside paths	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Υ	No loss	Z	Loss of moorings, channel width reduced compromisi ng safe navigation	N	Loss of creekside paths
Public footpaths,	R3	OB.	JECTIVE 1:	Prev	ent loss/ dis	rup	tion to footpa	th 1	from flooding	an	d flood risk r	nan	agement wo	rks												
including along shoreline on embankments (Saxon Shore Way)		Y	No loss	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N	Potential for disruption to footpaths as defences fail	Y	No loss	Y	No loss			Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N	Potential for loss of footpaths with further inundation	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences
				Seel		es t		atu	res where ap	oro																1
		Ν	No	Υ	Opportuniti	Υ	Opportuniti	Υ	Opportuniti	Ν	No	Υ	Opportuniti	Υ	Opportuni	ti	Υ	Opportuniti	N	No	Υ	Opportuniti	Υ	Opportuniti	Υ	Opportunitie

Feature	Rank			0-20 (up	to 2025)			20-50 (up	to 2055)			50-100	(up to 2105)	
		NA (B	Al aseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		_	efences main	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
			opportunitie s	es for enhanceme nt	es for enhanceme nt	es for enhanceme nt	opportunitie s	es for enhanceme nt	es for enhanceme nt	es for enhanceme nt	opportunitie s	es for enhanceme nt	es for enhanceme nt	s for enhanceme nt
Υ			9	8	7	3	2	8	7	3	2	8	7	2
Р			1	3	2	5	1	3	2	5	1	3	2	5
N			3	2	4	5	10	2	4	5	10	2	4	5
Weighted Score			24	24	20	16	8.5	24	20	16	8.5	24	20	16

Feature	Rank			0-20 (up	to 2025)					20-50 (u	p to	2055)						50-100 (ı	ıp to	2105)		
		NAI (Baseline)	ŀ	ITL	ATL	MR		Al Baseline)	Н	TL		TL	М	R	N/ (B	AI Baseline)	H.	TL	A		MI	R
		Defences remain	i	laintain / mprove xisting efences	Seaward defences	Secondary defences	D	efences fail	in	laintain / nprove efences	in se	aintain / nprove eaward efences	/in	aintain nprove econdary efences	No	o defences	im	aintain / nprove efences	im se	aintain / aprove eaward efences	/in	aintain nprove econdary efences
Residential properties at	H2	OBJECTIV	: Prev	ent loss/ dam	age to resident	ial properties fror	n flo	oding or floo	d ri	isk managen	nent	works										
Kemsley, Sittingbourne, Conyer, Oare and Faversham		Y No loss properti		No loss of properties	Y No loss	P Possible loss of properties dependant on realignment position	N	Loss of properties on floodplain	Y	No loss of properties	Y	No loss of properties	Р	Possible loss of properties dependant on realignment position	N	Loss of properties with further inundation	Υ	No loss of properties	Y	No loss of properties	Р	Possible loss of properties dependan on realignment position
Community facilities at	H2	OBJECTIV	: Prev	ent loss/ dam	age to commur	ity facilities from	floc	ding or flood	l ris	k managem	ent v	vorks										
Kemsley, Sittingbourne, Conyer, Oare and Faversham (such as churches, pubs, shops, schools, village halls)		Y No loss facilities	of Y	No loss of facilities	Y No loss	P Possible loss of facilities dependant on realignment position	N	Loss of facilities on floodplain	Υ	No loss of facilities	Y	No loss of properties	P	Possible loss of facilities dependant on realignment position	N	Loss of facilities with further inundation	Y	No loss of facilities	Y	No loss of properties	Р	Possible loss of facilities dependant on realignmer position
Commercial properties at	C2	OBJECTIV	: Prev	ent loss/ dam	age to commer	cial properties fro	m fl	ooding or flo	od	risk manage	men	t works										
Kemsley, Sittingbourne, Conyer, Oare and Faversham		Y No loss properti		No loss of properties	Y No loss	P Possible loss of properties dependant on realignment position	N	Loss of properties on floodplain	Y	No loss of properties	Y	No loss of properties	Р	Possible loss of properties dependant on realignment position	Z	Loss of properties with further inundation	Υ	No loss of properties	Y	No loss of properties	Р	Possible loss of properties dependant on realignmen position
Industry along Milton	C2	OBJECTIV	: Prev	ent loss/ dam	age/ disruption	to industrial area	s fr	om flooding														
Creek, Conyer Creek, Oare Creek and Faversham Creek, including wharfage		Y No loss industry	of Y	No loss of industry	Y No loss of industry	P Possible loss of industry dependant on realignment position	N	Loss of industry on floodplain	Υ	No loss of industry	Y	No loss of industry	Р	Possible loss of industry dependant on realignment position	N	Loss of further industry with further inundation	Y	No loss of industry	Y	No loss of industry	Р	Possible loss of industry dependant on realignmer position
Major infrastructure e.g.	F2	OBJECTIV	: Prev	ent loss/ dam	age/ disruption	to infrastructure	fron	n flooding														
local roads, bridges e.g. Brent Swing Bridge, A249, railway line and station, electricity pylons, Sewage Treatment Works, services and communications		Y No loss	Y	No loss	Y No loss	P Relocation of / loss of infrastructu re dependant on realignment	N	Disruption / damage to infrastructu re on the floodplain as defences	Y	No loss	Y	No loss	Р	Relocation of / loss of infrastructu re dependant on realignment	Z	Loss of infrastructu re on the floodplain	~	No loss	Y	No loss	Р	Relocation of / loss of infrastructu e dependa on realignmer position

MILTON CREEK																									
Feature	Rank				0-20 (up	to 2	025)						20-50 (u _l	o to	2055)						50-100 (u	p to	2105)		
		NA (Ba	l seline)	Н	ΓL	A.	TL	M	IR	N. (B	Al aseline)	Н	ITL	A.	TL	MI	R		Al Baseline)	H	TL	A ⁻	ΓL	MF	ł
		_	ences nain	im ex	aintain / aprove cisting efences		eaward efences		econdary efences	De	efences fail	ir	laintain / nprove efences	in se	aintain / nprove eaward efences	/in	aintain nprove econdary efences	N	o defences	in	aintain / nprove efences	im se	aintain / prove eaward efences	/im	intain prove condary fences
									position		fail						position								
Agricultural Land at	C3	ОВ	JECTIVE: Pr	eve	nt loss/ redu	ced	potential of a	agri	icultural land	fror	n flooding														
Coldharbour marshes, Tonge, Teynham , Luddenham		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Y	No loss	Υ	No loss	Υ	No loss	Y	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Intertidal Habitat,	E1	ОВ	JECTIVE 1:	Pron	note biodive	rsity	opportunitie	es t	o create / enh	and	e intertidal h	abi	itat		•				•		•				
including Fowley island		N	No biodiversity opportunitie s	N	No biodiversity opportunitie s	N	No opportunity to create intertidal habitat	Υ	Biodiversity opportunitie s to create intertidal habitat up to MHWS	Y	Biodiversity opportunity to create habitat	N	No biodiversity opportunitie s	N	No opportunity to create intertidal habitat	Y	Biodiversity opportunitie s to establish new intertidal	Y	Biodiversity opportunity to create habitat	N	No biodiversity opportunitie s	N	No opportunity to create intertidal habitat	Y	Biodiversity opportunitie s to establish new intertidal
		ОВ	JECTIVE 2: Av	oid	net loss of ir	ntert	idal habitat a	nd	associated s	pec	ies from coa	sta	l squeeze and	d flo	od risk mana	igen	nent works		•		•				
		P	Loss of mudflat in historically eroding areas, accretion in others	P	Loss of mudflat in historically eroding areas, accretion in others	N	Habitat loss as defences constructed seaward, adverse effect on estuary processes	Y	No net loss	Υ	No net loss	P	Loss of mudflat in historically eroding areas and due to coastal squeeze in confined locations, accretion in others	N	Habitat loss as defences constructed seaward, adverse effect on estuary processes	Y	No net loss	Y	No net loss	P	Loss of mudflat in historically eroding areas and due to coastal squeeze in confined locations, accretion in others	N	Habitat loss as defences constructed seaward, adverse effect on estuary processes	Y	No net loss
Coastal Grazing marsh	E2	ОВ	JECTIVE 1:	Pron	note biodive	rsity	opportunitie	es t	o create / enh	anc	e coastal gr	azir	ng marsh hab	itat											
habitat (including habitat on the flood defence embankments)		N	No opportunitie s	N	No opportunitie s	P	Opportunity to create habitat as long as reclaimed land not used for developme nt	N	opportunitie s		No opportunitie s	N	No opportunitie s	P	Opportunity to enhance habitat as long as reclaimed land not used for developme nt	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	P	Opportunity to enhance habitat as long as reclaimed land not used for developme nt	N	No opportunitie s
		ОВ	JECTIVE 2: Av	oid	net loss of c	oas	tal grazing m	ars	h and associ	atec	species fro	n fl	looding and f	lood	d risk manag	eme	nt works								
		Y	No loss of habitat	Υ	No net loss	Υ	No net loss	N	Loss of habitat	N	Loss of habitat as defences fail	Y	No net loss	Y	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Y	No net loss	Υ	No net loss	N	Loss of habitat

MILTON CREEK													
Feature	Rank		0-20 (ι	p to 2025)			20-50 (u	p to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Milton Creek	E4	OBJECTIVE 1	: Promote biodi	ersity opportunit	ies to enhance c	reek							
		N No opportuniti s	N No opportuniti s	N No opportunitie	Y Opportunity to create habitat	Y Opportunity to create habitat	N No opportunitie s	N No opportunitie s	Y Opportunity to create habitat	Y Opportunity to create habitat	N No opportunitie s	N No opportunitie s	Y Opportunity to create habitat
		OBJECTIVE 2:	Prevent loss/ dai	nage to habitats a	and associated s	pecies from floo	ding and flood ri	sk management	works	1 1			'
		Y Continued accretion in the creek	Y Continued accretion in the creek	N Loss of intertidal habitat as defences realigned seaward	P Loss of landward habitat, potential creation of intertidal habitat up to MHWS in some areas	Y Possible creation of transitional / intertidal habitat, more naturally functioning system	Y Continued accretion in the creek	N Loss of intertidal habitat with coastal squeeze in confined areas	P Loss of landward habitat, potential creation of intertidal habitat up to MHWS in some areas	Y Possible creation of transitional / intertidal habitat, establishm ent of new habitat, more naturally functioning system	P Potential loss of habitat with coastal squeeze,	N Loss of intertidal habitat with coastal squeeze in confined areas	P Loss of landward habitat, potential creation of intertidal habitat up to MHWS in some areas
Landscape of the estuary, marshes and town and	L2			lation of landscap o enhance featur			n flooding / risk	management wo	rks. Ensure cons	sideration of exis	sting defences o	n landscape and	heritage
industrial areas, including existing defences		Y Landscape maintained as is		N Hard defences, visual estuary landscape impacts	N Loss of estuary landscape features	N Loss of estuary landscape features	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	N Loss of estuary landscape features	N Loss of estuary landscape features	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	N Loss of estuary landscape features
Non-statutory known and unknown heritage	G4			amage to heritag e features where		ınd flood risk ma	nagement works	s or implement a	opropriate mitig	ation measures,	including prese	rvation of eviden	ce by record.
		Y No loss / damage	P Potential loss of submergec heritage in areas of coastal squeeze, some loss ok along Swale as long as survey, record and	some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage as defences fail, some loss ok along Swale as long as survey and record	P Potential loss of submerged heritage in areas of coastal squeeze, some loss ok along Swale as long as survey, record and	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage as defences fail, some loss ok along Swale as long as survey and record	P Potential loss of submerged heritage in areas of coastal squeeze, some loss ok along Swale as long as survey, record and	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage, some loss of along Swale as long as survey, record and monitor

MILTON CREEK																									
Feature	Rank				0-20 (up	to 20	025)						20-50 (սլ	o to	2055)						50-100 (u	p to	2105)		
		NAI (Base	eline)	НТ	L	Α٦		М	R	N/ (B	Al aseline)		TL	A	TL	M			AI Baseline)		TL	АТ	īL	MR	
		Defer remai		im exi	nintain / prove isting fences		eaward efences		econdary efences	De	efences fail	in	laintain / nprove efences	in	aintain / nprove eaward efences	/in	aintain mprove econdary efences	N	o defences	im	aintain / nprove efences	im se	aintain / prove award fences	/imp	ntain prove ondary ences
					monitor								monitor								monitor				
Facilities for recreation on the river, and associated	R3		CTIVE 1: Fopriate	Prev	ent loss/ dar	nage	e/ disruption	to	recreation an	d as	sociated bu	sine	ess from floo	din	g and flood r	isk r	management	wo	rks, Seek opp	ort	unities to enl	and	e features w	here	
business, including quayside frontages, creekside paths, moorings and slipways, access to foreshore and river (including for fishing) Also Oare marsh Nature Reserve, including facilities for disabled people.		Y	No loss	Y	No loss	N	Loss of moorings channel width reduced compromisi ng safe navigation	N	Loss of quayside frontages, creekside paths	Z	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y	No loss	N	Loss of moorings channel width reduced compromisi ng safe navigation	N	Loss of quayside frontages, creekside paths	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y	No loss	N	Loss of moorings channel width reduced compromisi ng safe navigation		Loss of quayside frontages, creekside paths
Public footpaths,	R3	OBJE	CTIVE 1: F	rev	ent loss/ dis	rupt	ion to footpa	ath 1	rom flooding	and	d flood risk r	nan	agement wo	rks											
including along shoreline on embankments (Saxon Shore Way)		Y	No loss	Y	No loss	Υ	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N	Potential for disruption to footpaths as defences fail	Υ	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N	Potential for loss of footpaths with further inundation	Υ	No loss	Y	No loss		Disruption to footpath on existing defences, opportunities for new footpath on retreated defences
		OBJE	CTIVE 2: S	Seek	opportuniti	es to	o enhance fe	atui	res where ap	prop	oriate														
			No opportunitie	Y	Opportuniti es for enhanceme nt	Y	Opportuniti es for enhanceme nt	Υ	Opportuniti es for enhanceme nt	N	No opportunitie s	Υ	Opportuniti es for enhanceme nt	Υ	Opportuniti es for enhanceme nt	Y	Opportuniti es for enhanceme nt	N	No opportunitie s	Υ	Opportuniti es for enhanceme nt	Y	Opportuniti es for enhanceme nt		Opportunitie s for enhanceme nt
Υ	•		12		11		9		5		5		11		9		5		5		9		9		5
P			1		3		2		7		1		3		2		8		1		4		2		8
N			4		3		6		4		11		3		6		4		11		3		6		4
Weighted Score			31		31		26		22.5		12.5		31		26		22.5		12.5		30.5		26		22.5

MURSTON PITS TO FAVER	SHAM												
Feature	Rank		0-20 (ι	ıp to 2025)			20-50 (u	p to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Residential properties at	H2	OBJECTIV	: Prevent los	s/ damage to	residential prope	erties from floodi	ing or flood risk	management wo	orks				
Kemsley, Sittingbourne, Conyer, Oare and Faversham		Y No loss of properti es	Y No loss of properti es	Y No loss of properti es	Y No loss of properties, defences seaward of properties	N Damage to properties as defences fail	Y No loss of properties	Y No loss of properties	Y No loss of properties, defences seaward of properties	N Loss of properties with further inundation	Y No loss of properties	Y No loss of propertie s	Y No loss of propertie s, defences seaward of propertie s
Community facilities at	H2	OBJECTIV	: Prevent los	s/ damage to	community facili	ties from floodin	ng or flood risk m	nanagement wor	ks				
Kemsley, Sittingbourne, Conyer, Oare and Faversham (such as churches, pubs, shops, schools, village halls)		Y No loss of facilities	Y No loss of facilitie s	Y No loss of facilities	Y No loss of facilities, defences seaward of facilities	N Damage to facilities as defences fail	Y No loss of facilities	Y No loss of facilities	Y No loss of facilities, defences seaward of facilities	N Loss of facilities with further inundation	Y No loss of facilities	Y No loss of facilities	Y No loss of facilities, defences seaward of facilities
Commercial properties at	C2	OBJECTIV	E: Prevent los	s/ damage to	commercial prop	erties from flood	ding or flood risl	management w	orks		1 1		
Kemsley, Sittingbourne, Conyer, Oare and Faversham		Y No loss of properti es	Y No loss of properti es	Y No loss of properti es	Y No loss of properties, defences seaward of properties	N Damage to properties as defences fail	Y No loss of properties	Y No loss of properties	Y No loss of properties, defences seaward of properties	N Loss of further properties with further inundation	Y No loss of properties	Y No loss of propertie s	Y No loss of propertie s, defences seaward of propertie s
Industry along Milton	C2	OBJECTIV	: Prevent los	s/ damage/ dis	sruption to indus	strial areas from	flooding		1		1		
Creek, Conyer Creek, Oare Creek and Faversham Creek, including wharfage		Y No loss of industry	Y No loss of industry	P Potential disruption to industry using the estuary for	Y No loss of industry, defences constructed seaward of industry	N Damage to industry as defences fail	Y No loss of industry	P Potential disruption to industry using the estuary for transportati on	Y No loss of industry, defences constructed seaward of industry	N Loss of further industry with further inundation	Y No loss of industry	P Potential disruption to industry using the estuary for transport	Y No loss of industry, defences construct ed seaward of

MURSTON PITS TO FAVERS	Rank				0-20 (u		0005)						20-50 (u		20EE\						50-100 (u	- 4- 1	105\		
Feature	Hank	<u> </u>				•							•								•		,		
		N. (E	Al Baseline)	H.	TL	A	ΓL	М	R		Al Baseline)	Ή	ΓL	A	ΓL	M	R		Al Baseline)	НТ	L	ATI	L	MR	ł
			efences main	in	aintain / nprove kisting efences		eaward efences		econdary efences	D	efences fail	im	aintain / iprove efences	in Se	aintain / nprove eaward efences	/ii	aintain mprove econdary efences	No	o defences	im	nintain / prove fences	imp	intain / prove ward ences	/im	intain prove condary fences
							transpor tation																ation		industry
Major infrastructure e.g.	F2	0	BJECTIVI	E: Pr	event los	s/ da	amage/ dis	srup	tion to infras	tru	cture from flo	odi	ng				ľ				•		•	1	
local roads, bridges e.g. Brent Swing Bridge, A249, railway line and station, electricity pylons, Sewage Treatment Works, services and communications		Y	No loss	Y	No loss	Y	No loss	P	Possible loss dependant on realignment position	N	Disruption to infrastructu re as defences fail	Y	No loss	Υ	No loss	P	Possible loss dependant on realignment position	N	Loss of infrastructu re with further inundation	Y	No loss	Y	No loss	Р	Possible loss dependa nt on realignment position
Agricultural Land at	C3	0	BJECTIVI	E: Pr	event los	s/ re	duced po	tenti	al of agricult	ura	l land from fl	ood	ing												
Coldharbour marshes, Tonge, Teynham , Luddenham		Y	No loss	Y	No loss	Υ	No loss	N	Loss of Grade 4 land	N	Reduced potential of agricultural land at Luddenha m as defences fail	Υ	No loss	Y	No loss	N	Loss of Grade 4 land	N	Loss of agricultural land at Luddenha m with further inundation	Y	No loss	Y	No loss	N	Loss of Grade 4 land
Intertidal Habitat,	E1	0	BJECTIVI	≣ 1:	Promote b	iod	iversity op	por	tunities to er	ha	nce / create ii	nter	tidal habitat												
including Fowley island		N	No biodiver sity opportu nities	N	No biodiver sity opportu nities	N	No opportu nity to create intertidal habitat	Y	Biodiversity opportunitie s to create intertidal habitat up to MHWS	Y	Biodiversity opportunity to create habitat	N	No biodiversity opportunitie s	N	No opportunity to create intertidal habitat	Y	Biodiversity opportunitie s to establish new intertidal	Y	Biodiversity opportunity to create habitat	N	No biodiversit y opportuniti es	N	No opportuni ty to create intertidal habitat	Y	Biodiver ity opportur ties to establish new intertidal
		OI	BJECTIVE	2: A v	oid net lo	ss c	of intertida	l ha	bitat and ass	oci	ated species	fror	n coastal sq	uee	ze and flood	risk	managemen	t wo	rks						
		P	Loss of mudflat in historic ally eroding areas, accretio n in others	P	Loss of mudflat in historic ally eroding areas, accretio n in others	Z	Habitat loss as defence s construc ted seaward	Y	No net loss	Y	No net loss	P	Loss of mudflat in historically eroding areas and due to coastal squeeze in confined locations, accretion in others	N	Habitat loss as defences constructed seaward	Y	No net loss	Y	No net loss	P	Loss of mudflat in historically eroding areas and due to coastal squeeze in confined locations, accretion	N	Habitat loss as defences construct ed seaward	Y	No net loss

MURSTON PITS TO FAVER					2 22 /		2225			1			22.52./								/oo /				
Feature	Rank				0-20 (1	•							20-50 (u								50-100 (u				
			AI Baseline)	H.	TL	A.	ΓL	М	R	N/ (B	Al aseline)	H.	ΓL	A	TL	М	R	N/ (B	Al aseline)	НТ	'L	ATI	_	MR	
			efences emain	in	aintain / nprove kisting efences		eaward efences		econdary efences	De	efences fail	im	aintain / aprove efences	in	aintain / nprove eaward efences	/ir	aintain nprove econdary efences	No	defences	im	intain / prove fences	imp	ntain / prove ward ences	/imp	intain prove condary ences
																					in others				
Coastal Grazing marsh	E2	0	BJECTIV	E 1: I	Promote	biod	iversity op	por	tunities to er	har	nce / create d	oas	tal grazing n	nars	h habitat										
habitat (including habitat on the flood defence embankments)		N	No opportu nities	N	No opportu nities	Р	Opportu nity to create habitat as long as reclaime d land not used for develop ment	Z	No opportunitie s	N	No opportunitie s	Z	No opportunitie s	Р	Opportunity to create habitat as long as reclaimed land not used for developme nt	Z	No opportunitie s	Z	No opportunitie s	N	No opportuniti es	Р	Opportun ity to create habitat as long as reclaime d land not used for develop ment	N	No opportuni ties
		0	BJECTIV	E 2:	Avoid net	los	s of coasta	ıl ar	azing marsh	and	associated	spe	cies from flo	odi	ng and flood	risk	management	wo	rks		l		l		
		Y	No loss of habitat	Y	No net loss	Y	No net loss	N		N	Loss of habitat as defences fail	Y	No net loss	Y	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Υ	No net loss	Y	No net loss	N	Loss of habitat
Conyer Pits	E4	0	BJECTIV	E 1: I	Promote	biod	iversity op	por	tunities to er	har	nce / create le	ocal	habitat		l.						l		I		
		N	No opportu nities	N	No opportu nities	N	No opportu nities	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	N	No opportuniti es	N	No opportuni ties	N	No opportuni ties
		0	BJECTIVE	2: Pr	event los	s/ da	mage to h	abit	ats and asso	ciat	ted species f	rom	flooding an	d flo	ood risk mana	agei	ment works								
		Y	No loss	Y	No loss of habitat	Y	No loss of habitat	P	Potential loss of habitat dependant on realignment position	N	Damage to habitat as defences fail	Y	No loss of habitat	Y	No loss of habitat	P	Potential loss of habitat dependant on realignment position	N	Loss of habitat with further inundation	Y	No loss of habitat	Y	No loss of habitat	P	Potential loss of habitat dependa nt on realignm ent position
Potential future operation	R3	0	BJECTIV	E: Pr	event da	mag	e/ disrupti	on t	o any site/ in	fras	tructure requ	Jire	d by Harty Fe	erry	from floodin	g ar	nd flood risk n	nana	agement wor	ks	1				
of Harty Ferry		Y	No damage to site / infrastru cture	Y	No damag e to site / infrastr ucture	N	Potential ly faster flows through restricte d channel	Υ	No damage to site / infrastructu re	N	Disruption / damage to infrastructu re and site	Υ	No damage to site / infrastructu re	N	Potentially faster flows through restricted channel may affect	Y	No damage to site / infrastructur e	N	Disruption / damage to infrastructu re and site	Y	No damage to site / infrastruct ure	N	Potentiall y faster flows through restricted channel	Y	No damage to site / infrastruc ture

Feature	Rank		0-20 (ι	up to 2025)			20-50 (u	p to 2055)			50-100 (ı	up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
				may affect ferry operatio n				operation				affect ferry operation	
Landscape of the estuary, marshes and town and	L2				landscape qualito enhance featu			ing / risk manag	ement works. Ei	nsure consideration	on of existing de	fences on lands	cape and
industrial areas, including existing defences		Y Landsc ape maintai ned as is	P Maintai n as is but increas ed defenc es	N Hard defence s, visual impacts on estuary landsca pe	P Loss of some estuary landscape features, maintain visual quality of landscape	P Loss of some estuary landscape features, maintain visual quality of landscape	P Maintain as is but increased defences	N Hard defences, visual impacts on estuary landscape	P Loss of some estuary landscape features, maintain visual quality of landscape	P Loss of some estuary landscape features, maintain visual quality of landscape	P Maintain as is but increased defences	N Hard defences , visual impacts on estuary landscap e	P Loss of some estuary landscap e features, maintain visual quality of landscap e
Historic Faversham and	G2	OBJECTIV	E 1: Prevent lo	oss/ damage t	o Conservation A	Area from floodir	g and flood risk	management w	orks				
historic creeks		Y No loss / damage	Y No loss / damag e	N Damage to historic creeks	Y No loss / damage	N Loss / damage to area	Y No loss / damage	N Damage to historic creeks	Y No loss / damage	N Loss / damage to area	Y No loss / damage	N Damage to historic creeks	Y No loss / damage
		OBJECTIV	E 2: Seek opp	ortunities to e	nhance features	where appropria	ite		1 1		•	1 1	1
		N No opportu nity	N No opportu nity	N No opportu nity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunit y	N No opportuni ty	N No opportuni ty
Non-statutory known and unknown heritage	G4				o heritage from f features where		d risk managem	ent works or im	plement approp	riate mitigation me	easures, includii	ng preservation	of evidence by
		Y No loss / damag e	Y No loss / damag e	P Potential loss of heritage, some loss ok along Swale as long as survey, record and	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage as defences fail, some loss ok along Swale as long as survey and record	Y No loss / damage	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage as defences fail, some loss ok along Swale as long as survey and record	Y No loss / damage	P Potential loss of heritage, some loss ok along Swale as long as survey, record and	P Potential loss of heritage, some loss ok along Swale as long as survey, record and

Feature	Rank			0-20 (ι	ıp to	2025)						20-50 (u	p to	2055)						50-100 (u	p to 2	105)		
		NAI (Baseline)	Н	TL	A.	TL	М	R		Al Baseline)	H	ΓL	A	TL	М	R		Al Baseline)	НТ	TL	ATI	_	MR	
		Defences remain	in e:	laintain / nprove xisting efences		eaward efences		econdary efences	D	efences fail	in	aintain / iprove ifences	in	laintain / nprove eaward efences	/ir	aintain nprove econdary efences	N	o defences	im	aintain / prove fences	imp	ntain / prove ward ences	/imp	ntain prove ondary ences
						monitor																monitor		monitor
Facilities for recreation on the river, and associated	R3	OBJECTIV appropriat		Prevent lo	oss/	damage/ o	disru	ption to rec	reat	ion and asso	ciat	ed business	froi	m flooding a	nd fl	ood risk man	age	ment works,	Seel	k opportunit	ies to	enhance fo	eature	s where
business, including quayside frontages, creekside paths, moorings and slipways, access to foreshore and river (including for fishing) Also Oare marsh Nature Reserve, including facilities for disabled people.		Y No loss	Y	No loss	P	Loss of mooring s, potential reduced channel width compro mises safe navigati on	P	Potential loss of quayside frontages, creekside paths, facilities for the disabled at Oare, dependant on realignment position, potential to relocate inland	N	Disrupt recreation opportunities, paths, access to foreshore, fishing, disabled facilities	Y	No loss	P	Loss of moorings, potential reduced channel width compromis es safe navigation	P	Potential loss of quayside frontages, creekside paths, facilities for the disabled at Oare, dependant on realignment position, potential to relocate inland	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y	No loss	P	Loss of moorings , potential reduced channel width comprom ises safe navigatio n	P	Potential loss of quayside frontages , creekside paths, facilities for the disabled at Oare, dependant on realignment position, potential to relocate inland
Public footpaths,	R3	OBJECTIV	E 1:	Prevent lo	oss/	disruption	to 1	ootpath fron	n flo	ooding and fl	ood	risk manage	eme	nt works	<u> </u>			I	<u> </u>	1		I		
including along shoreline on embankments (Saxon Shore Way)		Y No loss	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N	Potential for disruption to footpaths as defences fail	Y	No loss	Y	No loss	Р	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N	Potential for loss of footpaths with further inundation	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunities for new footpath on retreated defences
		OBJECTIVE	2: Se	ek oppor	tuni	ties to enh	anc	e features w	her	e appropriate			1	1	1		1		l			ı		
		N No opportu nities	Υ	Opport unities for	Υ	Opportu nities for enhance	Υ	Opportuniti es for enhanceme	N	No opportunitie	Υ	Opportuniti es for enhanceme	Υ	Opportuniti es for enhanceme	Υ	Opportunitie s for enhanceme	N	No opportunitie	Υ	Opportunit ies for enhancem	Y	Opportun ities for enhance	Υ	Opportun ities for enhance

Feature	Rank	NAI (Baseline) Defences remain Maintain / improve existing defences enhanc ement 14 14 14 19 1 2 4 5 4 7			20-50 (ι	ıp to 2055)			50-100 (u	ıp to 2105)				
	ndiik		HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	
			improve existing		Secondary defences	Defences fail	HTL ATL MR (ail Maintain / improve defences def	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	/imp	ntain prove ondary ences	
				ment	nt		nt	nt	nt		ent	ment		ment
Υ	•	14	14	9	9	2	14	9	9	2	14	9		9
N		1	2	4	6	2	2	4	6	2	2	4		6
Р		5	4	7	5	16	4	7	5	16	4	7		5
Weighted Score	5 Score 36	200	36.5	26.5	33	10	36.5	26.5	33	10	36.5	26.5		33

FAVERSHAM TO NAGDEN																				
Feature F	Rank		0-20 (u	p to 2025)				20-50 (up	p to	2055)						50-100 (u	p to 2	105)		
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	НТ		A		М		N. (E	Al Baseline)	НТ	L	ATI		MR	
		Defences remain	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences fail	imp	intain / prove fences	in	aintain / nprove eaward efences	/ir	aintain mprove econdary efences	N	o defences	im	intain / prove fences	imp	ntain / prove ward ences	/imp	ntain prove ondary ences
	H2	OBJECTIVE	: Prevent loss	/ damage to r	esidential prope	rties from floodi	ing or	r flood risk r	mar	agement wo	rks									
Kemsley, Sittingbourne, Conyer, Oare and Faversham		Y No loss of properti es	Y No loss of properti es	Y No loss of properti es	Y No loss of properties	N Damage to properties as defences fail	Y	No loss of properties	Υ	No loss of properties	Υ	No loss of properties	N	Loss of properties with further inundation	Y	No loss of properties	Y	No loss of propertie s	Y	No loss of propertie s
	H2	OBJECTIVE	: Prevent loss	/ damage to d	community facili	ties from floodin	ng or	flood risk m	ana	gement worl	ks									
Kemsley, Sittingbourne, Conyer, Oare and Faversham (such as churches, pubs, shops, schools, village halls)		Y No loss of facilities	Y No loss of facilitie s	Y No loss of facilities	Y No loss of facilities	N Damage to facilities as defences fail	Y	No loss of facilities	Υ	No loss of facilities	Υ	No loss of facilities	N	Loss of facilities with further inundation	Y	No loss of facilities	Y	No loss of facilities	Y	No loss of facilities
	C2	OBJECTIVE	: Prevent loss	s/ damage to o	commercial prop	erties from flood	ding o	or flood risk	ma	nagement w	orks	3								
Kemsley, Sittingbourne, Conyer, Oare and Faversham		Y No loss of properti es	Y No loss of properti es	Y No loss of properti es	Y No loss of properties	N Damage to properties as defences fail	Y	No loss of properties	Y	No loss of properties	Υ	No loss of properties	N	Loss of further properties with further inundation	Υ	No loss of properties	Y	No loss of propertie s	~	No loss of propertie s
	C2	OBJECTIVE	: Prevent loss	s/ damage/ dis	ruption to indus	trial areas from	flood	ling												
Creek, Conyer Creek, Oare Creek and Faversham Creek, including wharfage		Y No loss of industry	Y No loss of industry	P Potential disruption to industry using the estuary for transportation	P Possible loss dependant on realignment position	N Damage to industry as defences fail	Y	No loss of industry	Р	Potential disruption to industry using the estuary for transportati on	P	Possible loss dependant on realignment position	N	Loss of further industry with further inundation	Y	No loss of industry	P	Potential disruptio n to industry using the estuary for transport ation	P	Possible loss dependa nt on realignm ent position
	F2	OBJECTIVE	: Prevent loss	s/ damage/ dis	ruption to infras	tructure from flo	oodin	g			1		1							
local roads, bridges e.g. Brent Swing Bridge, A249, railway line and station, electricity pylons, Sewage Treatment Works, services and communications		Y No loss	Y No loss	Y No loss	Y No loss	N Disruption to infrastructu re as defences fail	Y	No loss	Y	No loss	Y	No loss	N	Loss of infrastructu re with further inundation	Y	No loss	Y	No loss	Y	No loss
Agricultural Land at	C3	OBJECTIVE	: Prevent loss	/ reduced pot	ential of agricult	tural land from fl	loodii	ng						•		•		•		

FAVERSHAM TO NAGDEN																									
Feature	Rank				0-20 (ι	ıp to	2025)						20-50 (u	p to	2055)						50-100 (u	p to 2	2105)		
		NA (Ba	l ıseline)	Н	ΓL	Α٦	ΓL	М	R		Al Baseline)	Н	TL	A	ΓL	M	IR		Al Baseline)	НТ	TL .	ATI	L	MF	l
		_	fences nain	im ex	aintain / nprove xisting efences		eaward fences		econdary efences	D	efences fail	ir	laintain / nprove efences	im se	aintain / prove award fences	/ii	laintain mprove econdary efences	N	o defences	im	aintain / prove fences	imp	intain / prove lward ences	/im	intain prove condary fences
Coldharbour marshes, Tonge, Teynham , Luddenham		Y	No loss	Y	No loss	Y	No loss	N	Loss of Grade 3 land	N	Reduced potential of agricultural land	Υ	No loss	Υ	No loss	N	Loss of Grade 3 land	N	Loss of agricultural land	Υ	No loss	Y	No loss	N	Loss of Grade 3 land
Intertidal Habitat,	E1	ОВ	JECTIVE	: 1: I	Promote I	oiod	iversity op	oq	tunities to er	nha	nce / create i	ntei	rtidal habitat												
including Fowley island			No biodiver sity opportu nities	Z	No biodiver sity opportu nities	N	No opportu nity to create intertidal habitat	Y	Biodiversity opportunitie s to create intertidal habitat up to MHWS	Y	Biodiversity opportunity to create habitat	N	No biodiversity opportunitie s	Z	No opportunity to create intertidal habitat	Y	Biodiversity opportunitie s to create intertidal habitat up to MHWS	Y	Biodiversity opportunity to create habitat	N	No biodiversit y opportuniti es	Z	No opportuni ty to create intertidal habitat	Y	Biodivers ity opportuni ties to create intertidal habitat up to MHWS
		ОВ	JECTIVE 2	: Av	oid net lo	ss o	f intertida	l ha	bitat and ass	oci	ated species	fro	m coastal sq	ueez	e and flood	risk	managemen	t wo	rks						
			Loss of mudflat in historic ally eroding areas, accretio n in others	P	Loss of mudflat in historic ally eroding areas, accretio n in others	N	Habitat loss as defence s construc ted seaward	Y		Y	No net loss	P	mudflat in historically eroding areas and due to coastal squeeze in confined locations, accretion in others	N	as defences constructed seaward	Y	No net loss	Y	No net loss	Р	Loss of mudflat in historically eroding areas and due to coastal squeeze in confined locations, accretion in others	N	Habitat loss as defences construct ed seaward	Y	No net loss
Coastal Grazing marsh habitat (including habitat	E2			1:1		oiod		÷		nha	nce / create c	_							1				1		,
on the flood defence embankments)			No opportu nities	N	No opportu nities	P	Opportu nity to create habitat as long as reclaime d land not used for develop ment	N	No opportunitie s	N	No opportunitie s	N	No opportunitie s	P	Opportunity to enhance habitat as long as reclaimed land not used for developme nt	N	No opportunitie s	N	No opportunitie s	N	No opportuniti es	P	Opportun ity to enhance habitat as long as reclaime d land not used for develop ment	N	No opportuni ties

FAVERSHAM TO NAGDEN													
Feature	Rank		0-20 (u	p to 2025)			20-50 (up to 2055)			50-100 (ı	up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
		OBJECTIVE	2: Avoid net	loss of coast	al grazing marsh	and associated	species from fl	ooding and flood	risk manageme	ent works			
		Y No loss of habitat	Y No net loss	Y No net loss	N Loss of habitat	N Loss of habitat as defences fail	Y No net loss	Y No net loss	N Loss of habitat	N Loss of habitat with further inundation	Y No net loss	Y No net loss	N Loss of habitat
Landscape of the estuary, marshes and town and	L2					ty and visual ame		ling / risk manage	ement works. En	nsure consideration	on of existing de	efences on lands	cape and
industrial areas, including existing defences		Y Landsc ape maintai ned as is	P Maintai n as is but increas ed defenc es	N Hard defence s, visual impacts on estuary landsca pe	P Loss of some estuary landscape features, maintain visual quality of landscape,	P Loss of some estuary landscape features, maintain visual quality of landscape,	P Maintain as is but increased defences	N Hard defences, visual impacts on estuary landscape	P Loss of some estuary landscape features, maintain visual quality of landscape,	P Loss of some estuary landscape features, maintain visual quality of landscape,	P Maintain as is but increased defences	N Hard defences , visual impacts on estuary landscap e	P Loss of some estuary landscap e features, maintain visual quality of landscap e,
Historic Faversham and	G2	OBJECTIVE	1: Prevent lo	ss/ damage to	Conservation A	Area from floodir	g and flood ris	k management w	orks				1
historic creeks		Y No loss / damage	Y No loss / damag e	Y No loss / damage	Y No loss / damage	N Loss / damage to area	Y No loss / damage	Y No loss / damage	Y No loss / damage	N Loss / damage to area	Y No loss / damage	Y No loss / damage	Y No loss / damage
		OBJECTIVE	2: Seek oppo	ortunities to e	nhance features	where appropria	ite	1 1	-1 1				1
		N No opportu nity	N No opportu nity	N No opportu nity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunit y	N No opportuni ty	N No opportuni ty
Non-statutory known and unknown heritage	G4				o heritage from f features where		d risk managen	nent works or imp	plement appropr	riate mitigation me	easures, includii	ng preservation of	of evidence by
		Y No loss / damag e	Y No loss / damag e	P Potential loss of heritage, some loss ok along Swale as long as survey, record	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage as defences fail, some loss ok along Swale as long as survey and record	Y No loss / damage	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage, some loss ok along Swale as long as survey, record and monitor	P Potential loss of heritage as defences fail, some loss ok along Swale as long as survey and record	Y No loss / damage	P Potential loss of heritage, some loss ok along Swale as long as survey, record	P Potential loss of heritage, some loss ok along Swale as long as survey, record

Feature	Rank				0-20 (u	p to	2025)						20-50 (u	p to	2055)						50-100 (u	p to 2	105)		
		NAI (Bas	seline)	нт	L	A	ΓL	M	R		Al Baseline)	H	ΓL	A	TL	М	R		Al Baseline)	НТ	L	ATI	_	MR	
		Defe	ences ain	im _i exi	intain / prove sting fences		eaward efences		econdary efences	D	efences fail	im	aintain / nprove efences	in se	aintain / nprove eaward efences	/ir	aintain mprove econdary efences	N	o defences	im	intain / prove fences	imp	ntain / prove ward ences	/im	ntain prove ondary ences
							and monitor																and monitor		and monitor
Facilities for recreation on the river, and associated	R3		ECTIVE ropriate	1: P	revent lo	ss/	damage/ d	lisru	ption to reci	eat	ion and asso	ciat	ed business	fror	n flooding a	nd fl	lood risk man	age	ment works,	Seel	opportunit	ies to	enhance fo	eature	es where
business, including quayside frontages, creekside paths, moorings and slipways, access to foreshore and river (including for fishing) Also Oare marsh Nature Reserve, including facilities for disabled people.		Y	No loss	Y	No loss	Р	Loss of mooring s, potential reduced channel width compro mises safe navigati on	Y	No loss	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing,	Y	No loss	Р	Loss of moorings, potential reduced channel width compromis es safe navigation	Y	No loss	N	Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y	No loss	P	Loss of moorings , potential reduced channel width comprom ises safe navigatio n	Y	No loss
Public footpaths,	R3	ОВЈ	ECTIVE	1: P	revent lo	SS/	disruption	to 1	ootpath fron	n flo	oding and flo	ood	risk manage	me	nt works	<u> </u>	l	<u> </u>	1		<u> </u>		<u> </u>		
including along shoreline on embankments (Saxon Shore Way)		Y	No loss	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N	Potential for disruption to footpaths as defences fail	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N	Potential for loss of footpaths with further inundation	Y	No loss	Y	No loss	P	Disruption to footpath on existing defences, opportunities for new footpath on retreated defences
		OBJI	ECTIVE 2:	See	k opport	unit	ies to enh	anc	e features wl	nere	appropriate														
			No opportu nities	Y	Opport unities for enhanc ement	Υ	Opportu nities for enhance ment	Y	Opportuniti es for enhanceme nt	N	No opportunitie s	Υ	Opportuniti es for enhanceme nt	Υ	Opportuniti es for enhanceme nt	Y	Opportunitie s for enhanceme nt	N	No opportunitie s	Y	Opportunit ies for enhancem ent	Y	Opportun ities for enhance ment	Y	Opportun ities for enhance ment
Υ			12		12		9		9		2		12		9		9		2		12		9		9
P			1		2		4		4		2		2		4		4		2		2		4		4

FAVERSHAM TO NAGDEN													
Feature	Rank		0-20 (u	ıp to 2025)			20-50 (u	p to 2055)			50-100 (u	p to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Secondary defences	Defences fail	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Weighted Score		33	33.5	27.5	31.5	10	33.5	27.5	31.5	10	33.5	27.5	31.5

Feature	Rank		0-20 (u	p to 2025)			20-50 (u	p to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Agricultural Land	C3	OBJECTIVE:	Prevent loss/	reduced poter	tial of agricultur	al land from floo	ding			1			_
		N Reduced potential of agricultural land as defences fail	Y No loss	Y No loss	N Loss of low Grade 4 and Grade 5 agricultural land	N Loss of Grade 4 and Grade 5 land with further inundation	Y No loss	Y No loss	N Loss of low Grade 4 and Grade 5 agricultural land	N Loss of Grade 4 and Grade 5 land with further inundation	Y No loss	Y No loss	N Loss of low Grade 4 and Grade 5 agricultural land
Scattered Residential	H3	OBJECTIVE:	Prevent loss/	damage to res	idential properti	es from flooding	or flood risk ma	nagement work	s				
properties e.g. at Shellness, Leysdown, farms		N Damage to properties at Shell Ness as defences fail	Y No loss	Y No loss	Y No loss	N Loss of properties at Shell Ness	Y No loss	Y No loss	Y No loss	N Loss of scattered properties with large scale inundation	Y No loss	Y No loss	Y No loss
Major infrastructure	F2	OBJECTIVE:	Prevent loss/	damage/ disru	ption to infrastru	ucture from flood	ding						
including A249 and local roads, bridges e.g. Kingsferry Bridge, railway lines, electricity pylons		N Damage and disruption to local roads	Y No loss	Y No loss	Y No loss	N Damage and disruption to local roads	Y No loss	Y No loss	Y No loss	N Damage and disruption to local roads	Y No loss	Y No loss	Y No loss
Intertidal Habitat	E1	OBJECTIVE	: Promote bio	odiversity oppo	ortunities to enha	ance / create inte	ertidal habitat						
		Y Biodiversity opportuniti es to create intertidal habitat up to MHWS	N No biodiver sity opportu nities	N No biodiver sity opportu nities	Y Biodiversity opportunitie s to create intertidal habitat up to MHWS	Y Biodiversity opportunitie s, establishm ent and creation of new intertidal habitat up to MHWS	N No biodiversity opportunitie s	N No biodiversity opportunitie s	Y Biodiversity opportunitie s to create intertidal habitat up to MHWS	Y Biodiversity opportunitie s, establishm ent and creation of new intertidal habitat up to MHWS	N No biodivers ity opportuni ties	N No biodiversi ty opportuni ties	Y Biodiversity opportunities to create intertidal habitat up to MHWS
		OBJECTIVE 2:	Avoid net los	s of intertidal h	abitat and assoc	iated species fro	om coastal sque	eze and flood ris	sk management v	works			
		Y No net loss	P Loss of mudflat in historica lly eroding areas, accretio	N Net loss of intertida I as defence s constru	Y No net loss	Y No net loss	P Loss of mudflat in historically eroding areas, and with coastal squeeze in confined	N Net loss of intertidal with coastal squeeze	Y No net loss	Y No net loss	P Loss of mudflat in historicall y eroding areas, and with coastal	N Net loss of intertidal with coastal squeeze	Y No net loss

Feature	Rank			0-20 (up	to 2025)			20-50 (uj	to 2055)			50-100	(up to 2105)	
		NAI (Baselin		ITL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defence fail	ir e	laintain / nprove xisting efences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
				n in others	seawar d			locations, accretion in others				squeeze in confined locations , accretion in others		
Coastal Grazing marsh	E2	OBJECT	IVE 1: Pr	omote bio	diversity oppo	ortunities to enha	ance / create coa	stal grazing mar	sh habitat					
habitat (including habitat on the flood defence embankments)		N No biodiv oppor es		No biodiver sity opportu nities	P Opportunity to create habitat, howeve r no habitat creation opportunities if reclaim ed land used for development	N No biodiversity opportunities	N No biodiversity opportunities	N No biodiversity opportunitie s	P Opportunity to create habitat, however no habitat creation opportunitie s if reclaimed land used for developme nt	N No biodiversity opportunities	N No biodiversity opportunities	N No biodivers ity opportuni ties	P Opportun ity to create habitat, however no habitat creation opportuni ties if reclaime d land used for develop ment	N No biodiversity opportunitie
		OBJECTIV	/E 2: Avoi	d net loss	of coastal gra	zing marsh and	associated spec	ies from floodin	g and flood risk	management wo	orks			
		N Loss of freshy habita	/ater	No net loss	Y No net loss	N Loss of habitat	N Loss of habitat with further inundation	Y No net loss	Y No net loss	N Loss of habitat	N Loss of habitat with further inundation	Y No net loss	Y No net loss	N Loss of habitat
Landscape of the estuary and marshes, including	L2					ndscape quality a features where a		ty from flooding	risk manageme	ent works. Ensur	e consideration	of existing def	ences on landso	ape and heritage
existing defences		P Loss of some featur visual quality maints	es,	Maintai n as is but increas ed defence s	N Hard defence s, visual estuary landsca pe impacts	P Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	P Loss of some features, visual quality maintained	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	P Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	P Loss of some features, visual quality maintained	P Maintain as is but increase d defences	N Hard defences , visual estuary landscap e impacts	P Loss of some estuary landscape features, maintain visual qualit of landscape, but with retreated defences

Feature	Rank		0-20 (ı	ıp to 2025)			20-50 (u _l	to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Medieval Moted site at	G2	OBJECTIVE	1: Prevent los	s/ damage to S	M from flooding	and flood risk n	nanagement worl	(S	•	•	1	•	
Sayes Court		Y No loss	Y No loss	Y No loss	Y No loss on high land	Y No loss	Y No loss	Y No loss	Y No loss on high land	Y No loss	Y No loss	Y No loss	Y No loss on high land
		OBJECTIVE :	2: Seek oppo	tunities to enh	ance features w	nere appropriate							
		N No opportunity	N No opportu nity	N No opportu nity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportuni ty	N No opportuni ty	N No opportunity
Non-statutory known and unknown heritage	G4	OBJECTIVE where approp		s/ damage to h	eritage or imple	ment appropriate	e mitigation mea	sures, including	preservation of	evidence by reco	ord. Seek oppo	rtunities to enha	ince features
		Y As long as survey and record finds	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor
Potential future operation	R3	OBJECTIVE:	Prevent dam	age/ disruption	to any site/ infra	structure requir	ed by Harty Ferr	from flooding a	and flood risk ma	anagement work	s		
of Harty Ferry		Y No damage / disruption	Y No damage / disrupti on	Y No damage / disrupti on	Y No damage / disruption	Y No damage / disruption	Y No damage / disruption	Y No damage / disruption	Y No damage / disruption	Y No damage / disruption	Y No damage / disruptio n	Y No damage / disruptio n	Y No damage disruption
Facilities for recreation on the Swale, and associated	R3	OBJECTIVE appropriate	1: Prevent los	s/ damage/ dis	ruption to recrea	tion and associ	ated business fro	m flooding and	flood risk mana	gement works, S	eek opportunit	ies to enhance f	eatures where
business, including paths, moorings, access to foreshore (including for fishing)		N Disrupt recreation facilities, paths, access to foreshore, fishing	Y No loss	N Loss of mooring s, loss of beach	Y No loss	N Further disruption to recreation, paths, access to foreshore, fishing with further inundation	Y No loss	N Loss of moorings, loss of beach	Y No loss	N Further disruption to recreation, paths, access to foreshore, fishing with further inundation	Y No loss	N Loss of moorings , loss of beach	Y No loss
Public footpaths	R3	OBJECTIVE	1: Prevent los	s/ disruption to	footpath from f	looding and floo	d risk managem	ent works					
		N Disruption to public footpaths	Y No loss	Y No loss	P Disruption to footpath on existing	N Loss of public footpaths	Y No loss	Y No loss	P Disruption to footpath on existing	N Loss of public footpaths	Y No loss	Y No loss	P Disruption to footpath on existing

SHELL NESS TO SA	YES COURT																								
Feature	Rank				0-20 (up	to	2025)						20-50 (սբ	to	2055)						50-100	(up t	o 2105)		
			IAI Baseline)	Н	ΓL	A	TL	М	IR	-	IAI Baseline)	H	HTL	A	TL	N	/IR	N. (E	Al Baseline)	Н	TL	АТ	L	MR	
		D fa	efences ail	im	aintain / iprove iisting efences		eaward efences		econdary efences	N	lo defences	i	Maintain / mprove defences	in Se	aintain / nprove eaward efences	/i s	Maintain improve secondary defences	N	o defences	in	aintain / nprove efences	im	intain / prove award fences	/im	intain prove ondary ences
			as defences fail						defences, opportunitie s for new footpath on retreated defences		on defences, disruption to landward paths						defences, opportunitie s for new footpath on retreated defences		on defences, disruption to landward paths						defences, opportunities for new footpath on retreated defences
		0	BJECTIVE 2: S	eek	opportuni	ities	s to enhan	ce f	eatures wher	e a	ppropriate														
		N	No opportuniti es	Y	Opportu nities to enhanc e features	Υ	Opportu nities to enhanc e features	Υ	Opportuniti es to enhance features	N	No opportunitie s	Y	Opportuniti es to enhance features	Υ	Opportuniti es to enhance features	Y	Opportuniti es to enhance features	N	No opportunitie s	Υ	Opportun ities to enhance features	Y	Opportun ities to enhance features	Y	Opportunitie s to enhance features
Υ			5		10		9		9		5		10		9		9		5		10		9		9
P			1		2		1		2		1		2		1		2		1		2		1		2
N			9		3		5		4		9		3		5		4		9		4		5		4
Weighted Score			15.5		25.5		21.5		25.5		15.5		25.5		21.5		25.5		15.5		25.5		21.5		25.5

Feature	Rank		0-2	(up to	2025)						20-50 (սբ	to	2055)						50-100	(up to	2105)		
		NAI (Baseline)	HTL		ATL	MI	R		Al Baseline)	Н	ITL	A.	ΓL	М	IR		Al aseline)	Н	ΓL	ATL	<u> </u>	MR	
		Defences fail	Maintai improv existing defence	9 0	Seaward defences		econdary efences	N	o defences	ir	laintain / nprove efences	in se	aintain / nprove eaward efences	/ir	laintain mprove econdary efences	N	o defences	im	aintain / nprove efences	imp sea	ntain / rove ward ences	/imp	ntain prove ondary ences
Agricultural Land	C3	OBJECTIVE:	Prevent lo	ss/ red	luced poten	tial	of agricultur	al la	nd from floo	din	g			I									
		N Reduced potential of agricultural land as defences fail	Y No l	ess '	Y No loss	N	Loss of low Grade 4 and Grade 5 agricultural land	N	Loss of Grade 4 and Grade 5 land with further inundation	Υ	No loss	Y	No loss	N	Loss of low Grade 4 and Grade 5 agricultural land	N	Loss of Grade 4 and Grade 5 land with further inundation	Y	No loss	Υ	No loss	N	Loss of low Grade 4 and Grade 5 agricultural land
Scattered Residential	НЗ	OBJECTIVE:	Prevent lo	ss/ dar	mage to res	iden	itial propertion	es f	rom flooding	or	flood risk ma	nag	ement works	;									
properties e.g. at Shellness, Leysdown, farms		N Damage to scattered properties	Y No l	oss '	Y No loss	Y	No loss	N	Loss of scattered properties	Υ	No loss	Y	No loss	Υ	No loss	N	Loss of scattered properties with large scale inundation	Y	No loss	Y	No loss	Y	No loss
Major infrastructure	F2	OBJECTIVE:	Prevent lo	ss/ dar	nage/ disru	ptio	n to infrastru	ıctu	re from flood	ling	1				1							l	
including A249 and local roads, bridges e.g. Kingsferry Bridge, railway lines, electricity pylons		P Potential damage and disruption to local roads	Y No l	oss '	Y No loss	Y	No loss	N	Damage to / loss of local roads	Υ	No loss	Y	No loss	Y	No loss	Ν	Damage to / loss of local roads	Y	No loss	Y	No loss	Υ	No loss
Intertidal Habitat	E1	OBJECTIVE	: Promote	biodiv	ersity oppo	rtur	nities to enha	nce	/ create inte	rtic	lal habitat												
		Y Biodiversity opportuniti es to create intertidal habitat up to MHWS	N No biod sity oppo nitie	rtu	N No biodiver sity opportu nities	Y	Biodiversity opportunitie s to create intertidal habitat up to MHWS	Y	Biodiversity opportunitie s, establishm ent and creation of new intertidal habitat up to MHWS	Z	No biodiversity opportunitie s	Z	No biodiversity opportunitie s	Y	Biodiversity opportunitie s to create intertidal habitat up to MHWS	Y	Biodiversity opportunitie s, establishm ent and creation of new intertidal habitat up to MHWS	N	No biodivers ity opportuni ties	N	No biodiversi ty opportuni ties	Y	Biodiversity opportunities to create intertidal habitat up to MHWS
		OBJECTIVE 2:	Avoid net	oss of	intertidal h	abita	at and assoc	iate	d species fro	m	coastal sque	eze a	and flood ris	k m	anagement v	vork	s						
		Y No net loss	P Loss mud in histo lly erod area	lat rica ng	N Net loss of intertida I as defence s constru	Y	No net loss	Y	No net loss	P	Loss of mudflat in historically eroding areas, and with coastal squeeze in	N	Net loss of intertidal with coastal squeeze	Y	No net loss	Y	No net loss	Р	Loss of mudflat in historicall y eroding areas, and with	N	Net loss of intertidal with coastal squeeze	Y	No net loss

Feature	Rank				0-20 (up	to 2	2025)						20-50 (սբ	to	2055)						50-100	(up to	2105)		
			AI Baseline)	Н	TL	A٦	ΓL	M	R	N. (E	Al Baseline)	Н	TL	A	TL	М	R	N. (B	Al aseline)	Н	TL	ATI	-	MR	
		D fa	efences il	im ex	aintain / nprove xisting efences		eaward efences		econdary efences	N	o defences	in	laintain / nprove efences	in Se	aintain / nprove eaward efences	/in	aintain nprove econdary efences	No	o defences	in	aintain / nprove efences	imp sea	ntain / rove ward ences	/imp	ntain prove ondary ences
					accretio n in others		cted seawar d						confined locations, accretion in others								coastal squeeze in confined locations , accretion in others				
Coastal Grazing marsh	E2	0	BJECTIVE 1:	Pro	mote biod	live	rsity oppo	rtur	nities to enha	nce	/ create coa	sta	grazing mar	sh l	nabitat										
habitat (including habitat on the flood defence embankments)		N	No biodiversity opportuniti es	N	No biodiver sity opportu nities	P of c	Opportu nity to create habitat howeve r no habitat creation opportu nities if reclaim ed land used for develop ment	N	No biodiversity opportunitie s	N	No biodiversity opportunities	ies	No biodiversity opportunitie s	P	Opportunity to create habitat however no habitat creation opportunitie s if reclaimed land used for developme nt	N	No biodiversity opportunitie s	N	No biodiversity opportunitie s	N	No biodivers ity opportuni ties	P	Opportun ity to create habitat however no habitat creation opportuni ties if reclaime d land used for develop ment	N	No biodiversity opportunities
		N	Loss of freshwater habitat	Y	No net loss	Y	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Y	No net loss	Y	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Υ	No net loss	Y	No net loss	N	Loss of habitat
Landscape of the estuary and marshes, including	L2								ape quality a ures where a			ty f	rom flooding	ris	k manageme	nt w	orks. Ensure	со	nsideration o	of ex	xisting defe	nces	on landsca	pe a	nd heritage
existing defences		P	Loss of some features, visual quality maintained	P	Maintai n as is but increas ed defence s	N	Hard defence s, visual estuary landsca pe impacts	P	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated	P	Loss of some features, visual quality maintained	Р	Maintain as is but increased defences	N	Hard defences, visual estuary landscape impacts	P	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated	P	Loss of some features, visual quality maintained	P	Maintain as is but increase d defences	N	Hard defences , visual estuary landscap e impacts	P	Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated

Feature	Rank		0-20 (up	to 2025)			20-50 (u	o to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
					defences				defences				defences
Medieval Moted site at	G2	OBJECTIVE 1	: Prevent loss	damage to S	M from flooding	and flood risk m	anagement wor	(S					
Sayes Court		Y No loss	Y No loss	Y No loss	Y No loss on high land	Y No loss	Y No loss	Y No loss	Y No loss on high land	Y No loss	Y No loss	Y No loss	Y No loss on high land
		OBJECTIVE 2	: Seek opporti	unities to enha	ance features wh	ere appropriate							1 1
		N No opportunity	N No opportu nity	N No opportu nity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportuni ty	N No opportuni ty	N No opportunity
Non-statutory known and unknown heritage	G4	OBJECTIVE 1 where approp		damage to h	eritage or impler	nent appropriate	mitigation mea	sures, including	preservation of	evidence by reco	ord. Seek oppo	rtunities to enha	ince features
		Y As long as survey and record finds	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor
Potential future operation	R3	OBJECTIVE:	Prevent damaç	ge/ disruption	to any site/ infra	structure requir	ed by Harty Ferr	y from flooding a	and flood risk ma	anagement work	S		
of Harty Ferry		Y No damage to site	Y No damage to site / infrastru cture as defence s minimal as assets on high land	N Potentia lly faster flows through restricte d channel may affect ferry operatio n	Y No damage to site	Y No damage to site	Y No damage to site / infrastructu re as defences minimal as assets on high land	N Potentially faster flows through restricted channel may affect ferry operation	Y No damage to site	Y No damage to site	Y No damage to site / infrastruc ture as defences minimal as assets on high land	N Potentiall y faster flows through restricted channel may affect ferry operation	Y No damage to site
Facilities for recreation on the Swale, and associated	R3	OBJECTIVE 1 appropriate	: Prevent loss	/ damage/ dis	ruption to recrea	tion and associa	ated business fro	m flooding and	flood risk manag	gement works, S	eek opportunit	ies to enhance f	eatures where
business, including paths, moorings, access to foreshore (including for fishing)		N Disrupt recreation facilities, paths, access to foreshore,	Y No loss	N Loss of mooring s, safe navigati on of channel reduced	Y No loss	N Further disruption to recreation, paths, access to foreshore.	Y No loss	N Loss of moorings, safe navigation of channel reduced due to	Y No loss	N Further disruption to recreation, paths, access to foreshore.	Y No loss	N Loss of moorings , safe navigatio n of channel reduced	Y No loss

SAYES COURT TO NO	RTH ELMLEY IS	SLAND											
Feature	Rank		0-20 (up	to 2025)			20-50 (uj	p to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
		fishing		due to faster flows		fishing with further inundation		faster flows		fishing with further inundation		due to faster flows	
Public footpaths	R3	OBJECTIVE 1	: Prevent loss	disruption to	footpath from fl	ooding and floo	d risk manageme	ent works					
		N Disruption to public footpaths as defences fail	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N Loss of public footpaths on defences, disruption to landward paths	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N Loss of public footpaths on defences, disruption to landward paths	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunities for new footpath on retreated defences
		OBJECTIVE 2: S	Seek opportun	ities to enhan	ce features wher	e appropriate							
		N No opportuniti es	Y Opportu nities to enhanc e features	Y Opportu nities to enhanc e features	Y Opportuniti es to enhance features	N No opportunitie s	Y Opportuniti es to enhance features	Y Opportuniti es to enhance features	Y Opportuniti es to enhance features	N No opportunitie s	Y Opportun ities to enhance features	Y Opportun ities to enhance features	Y Opportunitie s to enhance features
Υ	•	5	10	8	9	5	10	8	9	5	10	8	9
Р		2	2	1	2	1	2	1	2	1	2	1	2
N		8	3	6	4	9	3	6	4	9	3	6	4
Weighted Score		17	25.5	19.5	25.5	15.5	25.5	19.5	25.5	15.5	25.5	19.5	25.5

Feature	Rank		0-20 (ι	ıp to 2025)			20-50 (u	p to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Agricultural Land	C3	OBJECTIVE:	Prevent loss	reduced poter	ntial of agricultur	al land from floo	ding		1	•			•
		N Reduced potential of Grade 4 and 5 agricultural land as defences fail	Y No loss	Y No loss	N Loss of low Grade 4 and Grade 5 agricultural land	N Loss of Grade 4 and Grade 5 land with further inundation	Y No loss	Y No loss	N Loss of low Grade 4 and Grade 5 agricultural land	N Loss of Grade 4 and Grade 5 land with further inundation	Y No loss	Y No loss	N Loss of low Grade 4 and Grade 5 agricultural land
Scattered Residential	НЗ	OBJECTIVE:	Prevent loss	damage to res	sidential properti	es from flooding	or flood risk ma	anagement worl	ks				
properties e.g. at Shellness, Leysdown, farms		N Damage to properties on Minster Narshes as defences fail	Y No loss	Y No loss	Y No loss, defences seaward of properties	N Loss of properties on Minster Marshes with large scale inundation	Y No loss	Y No loss	Y No loss, defences seaward of properties	N Loss of scattered properties on Minster Marshes with large scale inundation	Y No loss	Y No loss	Y No loss, defences seaward of properties
Major infrastructure	F2	OBJECTIVE:	Prevent loss	damage/ disru	ption to infrastru	ucture from floor	ding		1				
including A249 and local roads, bridges e.g. Kingsferry Bridge, railway lines, electricity pylons		N Damage and disruption to A249 as defences fail	Y No loss	Y No loss	Y No loss, defences seaward of infrastructu re	N Damage to /loss of A249, electricity pylons	Y No loss	Y No loss	Y No loss, defences seaward of infrastructu re	N Loss of A249, electricity pylons	Y No loss	Y No loss	Y No loss, defences seaward of infrastructur e
Intertidal Habitat	E1	OBJECTIVE	1: Promote bi	odiversity opp	ortunities to enh	ance / create inte	ertidal habitat						
		Y Biodiversity opportuniti es to create intertidal habitat up to MHWS	N No biodiver sity opportu nities	N No biodiver sity opportu nities	Y Biodiversity opportunitie s to create intertidal habitat up to MHWS	Y Biodiversity opportunitie s to create intertidal habitat up to MHWS	N No biodiversity opportunitie s	N No biodiversity opportunities		Y Biodiversity opportunitie s to create intertidal habitat up to MHWS	N No biodivers ity opportuni ties	N No biodiversi ty opportuni ties	Y Biodiversity opportunities to create intertidal habitat up to MHWS
		OBJECTIVE 2:	Avoid net los	s of intertidal h	abitat and assoc	ciated species fro	om coastal sque	eze and flood ri	isk management v	works			
		Y No net loss	P Loss of mudflat in historica lly eroding	N Net loss of intertida I as defence	Y No net loss	Y No net loss	P Loss of mudflat in historically eroding areas, and with coastal	N Net loss of intertidal as defences constructed seaward		Y No net loss	P Loss of mudflat in historicall y eroding areas.	N Net loss of intertidal as defences construct	Y No net loss

Feature	Rank		0-2	20 (up to	2025)						20-50 (up	to	2055)						50-100	(up to	2105)		
		NAI (Baseline)	HTL	4	ATL	MR			Al Baseline)	Н	TL	A٦	ΓL	М	IR		AI Baseline)	H.	ΓL	ATL	-	MR	
		Defences fail	Mainta improv existin defend	ve d	Seaward defences		condary ences	N	o defences	in	aintain / nprove efences	im	aintain / prove award fences	/ir	laintain mprove econdary efences	No	o defences	im	aintain / nprove efences	imp sea	ntain / rove ward ences	/imp	ntain prove ondary ences
			n in othe	retio I ers	constru cted seawar d						squeeze in confined locations, accretion in others								and with coastal squeeze in confined locations , accretion in others		ed seaward		
Coastal Grazing marsh	E2	OBJECTIVE 1	: Promot	e biodiv	ersity oppo	rtuni	ties to enha	nce	/ create coa	stal	grazing mars	sh h	abitat										
habitat (including habitat on the flood defence embankments)		N No biodiversity opportuniti es	sity	ortu	Opportunity to create habitat howeve r no habitat creation opportunities if reclaim ed land used for develop ment		No biodiversity opportunitie s	N	No biodiversity opportunitie s	N	No biodiversity opportunitie s	P	Opportunity to create habitat however no habitat creation opportunities if reclaimed land used for developme nt	N	No biodiversity opportunitie s	N	No biodiversity opportunitie s	Z	No biodivers ity opportuni ties	P	Opportun ity to create habitat however no habitat creation opportuni ties if reclaime d land used for develop ment	N	No biodiversity opportunities
		OBJECTIVE 2:	Avoid net	loss of	coastal gra	zing	marsh and	ass	ociated spec	ies	from flooding	j an	d flood risk r	nan	nagement wor	ks							
		N Loss of freshwater habitat and habitats on defence embankme nts as defences fail	Y No loss		/ No net loss		Loss of habitat	N	Loss of habitat with further inundation	Y	No net loss	Y	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Υ	No net loss	Y	No net loss	N	Loss of habitat
Landscape of the estuary and marshes, including existing defences	L2	OBJECTIVE grounds. See								ty fi		risl	(manageme	nt w	vorks. Ensure	со	nsideration o		defe	nces	on landsca	•	nd heritage
existing detences		P Loss of some features, visual quality	n as but incr ed		Hard defence s, visual estuary landsca pe		Loss of some estuary landscape features, maintain	P	Loss of some features, visual quality	Р	Maintain as is but increased defences	N	Hard defences, visual estuary landscape	P	Loss of some estuary landscape features, maintain	Р	Loss of some features, visual quality	Р	Maintain as is but increase d defences	N	Hard defences , visual estuary landscap	P	Loss of some estuary landscape features, maintain

Feature	Rank		0-20 (u _l	p to 2025)			20-50 (u _l	to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
		maintained		impacts	visual quality of landscape, but with retreated defences	maintained		impacts	visual quality of landscape, but with retreated defences	maintained		e impacts	visual quality of landscape, but with retreated defences
Non-statutory known and unknown heritage	G4	OBJECTIVE where appro		s/ damage to h	eritage or implei	ment appropriate	mitigation meas	sures, including	preservation of	evidence by reco	ord. Seek oppor	tunities to enha	ance features
		Y As long as survey and record finds	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor	Y As long as survey and record finds and monitor
Facilities for recreation on the Swale, and associated	R3	OBJECTIVE appropriate	1: Prevent loss	s/ damage/ dis	ruption to recrea	tion and associa	nted business fro	m flooding and	flood risk mana	gement works, S	eek opportuniti	es to enhance f	eatures where
business, including paths, moorings, access to foreshore (including for fishing)		N Disrupt recreation facilities, paths, access to foreshore, fishing	Y No loss	N Loss of mooring s, safe navigati on of channel reduced due to faster flows	Y No loss	N Further disruption to recreation, paths, access to foreshore, fishing with further inundation	Y No loss	N Loss of moorings, safe navigation of channel reduced due to faster flows	Y No loss	N Further disruption to recreation, paths, access to foreshore, fishing with further inundation	Y No loss	N Loss of moorings , safe navigation of channel reduced due to faster flows	Y No loss
Public footpaths	R3	OBJECTIVE	1: Prevent loss	s/ disruption to	footpath from f	looding and floo	d risk manageme	ent works					
		N Disruption to public footpaths as defences fail	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N Loss of public footpaths on defences, disruption to landward paths	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences	N Loss of public footpaths on defences, disruption to landward paths	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunities for new footpath on retreated defences
		OBJECTIVE 2:	Seek opportur	nities to enhan	ce features whe	e appropriate							
		N No opportuniti	Y Opportu	Y Opportu	Y Opportuniti es to	N No opportunitie	Y Opportuniti es to	Y Opportuniti es to	Y Opportuniti es to	N No opportunitie	Y Opportun ities to	Y Opportun ities to	Y Opportunitie

Feature	Rank		0-20 (up	to 2025)			20-50 (սլ	o to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
		es	enhanc e features	enhanc e features	enhance features	S	enhance features	enhance features	enhance features	S	enhance features	enhance features	features
Υ		3	8	7	7	3	8	7	7	3	8	7	7
Р		1	2	1	2	1	2	1	2	1	2	1	2
N		8	2	4	3	8	2	4	3	8	2	4	3
Weighted Score		10.5	20.5	16.5	20.5	10.5	20.5	16.5	20.5	10.5	20.5	16.5	20.5

Feature	Rank		0-20 (uj	p to 2025)			20-50 (up to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Residential properties in	H2	OBJECTIVE: I	Prevent loss/ dai	mage to resider	itial properties fro	m flooding or flo	od risk manag	ement works	-	•	•	•	1
Sheerness, Queenborough and Rushenden		P Possible damage to properties at Rushenden , adjacent to frontage as defences fail	Y No loss	Y No loss	Y No loss defences constructed seaward of properties	N Damage to properties at Rushenden , adjacent to frontage	Y No loss	Y No loss	Y No loss	N Loss of properties at Rushenden , adjacent to frontage	Y No loss	Y No loss	Y No loss
Commercial properties in	C2	OBJECTIVE: I	Prevent loss/ dai	mage to comme	rcial properties fr	om flooding or fl	ood risk mana	gement works					
Sheerness, Queenborough and Rushenden		N Damage to commercial properties at Neats Court as defences fail	Y No loss	Y No loss	Y No loss defences constructed seaward of properties	N Damage to commercial properties at Neats Court	Y No loss	Y No loss	Y No loss	N Loss of commercial properties at Neats Court	Y No loss	Y No loss	Y No loss
Community facilities in	H1	OBJECTIVE: I	Prevent loss/ dai	mage to commu	ınity facilities fron	n flooding or floo	od risk manage	ment works					
Sheerness, Queenborough and Rushenden (such as churches, pubs, shops, schools, village halls)		P Possible damage to facilities at Rushenden , adjacent to frontage as defences fail	Y No loss	Y No loss	Y No loss defences constructed seaward of facilities	N Damage to facilities at Rushenden , adjacent to frontage	Y No loss	Y No loss	Y No loss	N Loss of facilities at Rushenden , adjacent to frontage	Y No loss	Y No loss	Y No loss
Sheerness Port	F1	OBJECTIVE: I	Prevent loss/ dai	mage/ disruptio	n to Sheerness Po	ort from flooding							
		Y No loss	Y No loss	Y No loss	Y No loss / damage to port	Y No loss	Y No loss	Y No loss	Y No loss / damage to port	Y No loss	Y No loss	Y No loss	Y No loss / damage t port
Rushenden Dredging	C3	OBJECTIVE: I	Prevent loss/ dai	mage to dredgir	ng disposal site fro	om flooding or e	rosion of bund	s					
Disposal site		N Damage and erosion of site as defences fail	Y No loss	Y No loss	Y No loss	N Erosion of site	Y No loss	Y No loss	Y No loss	N Erosion of site	Y No loss	Y No loss	Y No loss

KINGSFERRY BRIDGE TO F	RUSHEND	EN											
Feature	Rank		0-20 (սբ	to 2025)			20-50 (u	ıp to 2055)			50-100 (up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Major infrastructure,	F2	OBJECTIVE: I	Prevent loss/ dar	nage/ disruption	to infrastructure	from flooding							
including Rushenden Sewage Treatment works, main railway line, A249, local roads, bridges and tracks, electricity pylons, services and communication links		N Damage and disruption to A249, railway and sewage works as defences fail	Y No loss	Y No loss	Y No loss, defences constructed seaward of infrastructu re	N Damage and loss of road and rail infrastructu re and sewage works with further inundation	Y No loss	Y No loss	Y No loss, defences constructed seaward of infrastructu re	N Loss of infrastructure and sewage works	Y No loss	Y No loss	Y No loss, defences constructed seaward of infrastructur e
Intertidal Habitat	E1	OBJECTIVE 1	: Promote biodiv	ersity opportuni	ties to enhance /	create intertidal	habitat						
		Y Creation of transitional intertidal habitat up to MHWS as defences fail	N No biodiversity opportunitie s	N No biodiversity opportunitie s	Y Biodiversity opportunity to create new intertidal habitat up to MHWS	Y Creation of transitional intertidal habitat up to MHWS as defences fail	N No biodiversity opportunitie s	N No biodiversity opportunitie s	Y Biodiversity opportunity to create new intertidal habitat up to MHWS	Y Creation of transitional intertidal habitat up to MHWS as defences fail	N No biodiversity opportunitie s	N No biodiversity opportunitie s	Y Biodiversity opportunity to create new intertidal habitat up to MHWS
		OBJECTIVE 2: A	void net loss of	intertidal habitat	and associated	species from co	astal squeeze a	nd flood risk mar	nagement works	1			
		Y No net loss	N Net loss of mudflat if historic erosion trends continue in confined areas	N Net loss of intertidal as defences constructed seaward	Y No net loss	Y No net loss	N Net loss of habitat with coastal squeeze	N Net loss of intertidal as defences constructed seaward	Y No net loss	Y No net loss	N Net loss of habitat with coastal squeeze	N Net loss of intertidal as defences constructed seaward	Y No net loss
Coastal Grazing marsh	E2	OBJECTIVE 1	: Promote biodiv	ersity opportuni	ties to enhance /	create coastal g	razing marsh h	abitat					
habitat (including habitat on the flood defence embankments)		N No biodiversity opportunitie s	N No biodiversity opportunitie s	P Opportunity to create habitat however no habitat creation opportunitie s if reclaimed land used for developme	N No biodiversity opportunitie s	N No biodiversity opportunitie s	N No biodiversity opportunitie s	P Opportunity to create habitat however no habitat creation opportunitie s if reclaimed land used for developme	N No biodiversity opportunitie s	N No biodiversity opportunities	N No biodiversity opportunities	P Opportunity to create habitat however no habitat creation opportunitie s if reclaimed land used for developme	N No biodiversity opportunitie s

Feature	Rank				0-20 (up	to 2	2025)						20-50 (ur	to	2055)						50-100 (u	p to	2105)		
		_ `	aseline)	нт	L	A.	TL	M		<u> </u>	aseline)		TL	A.	TL	МІ		(В	AI Baseline)	H.	ΓL	Α.	řL	MR	
		De	fences fail	im exi	intain / prove isting fences		eaward efences		econdary efences	N	o defences	in	laintain / nprove efences	in	aintain / nprove eaward efences	/in	aintain nprove condary fences	No	o defences	im	aintain / nprove efences	im	aintain / nprove eaward efences	/imp	intain prove condary ences
							nt								nt								nt	\Box	
		ОВ	JECTIVE 2: A	void	net loss of	coa	stal grazing n	nars	sh and assoc	iate	d species fro	om 1	flooding and	floc	d risk mana	gem	ent works								
		N	Loss of freshwater habitat	Y	No net loss	Υ	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Υ	No net loss	Υ	No net loss	N	Loss of habitat	N	Loss of habitat with further inundation	Y	No net loss	Υ	No net loss		Loss of habitat
Agricultural Land at	C3	OB	SJECTIVE: F	reve	nt loss/ red	uce	d potential of	agr	icultural lan	d fro	m flooding														
Neatscourt and Minster Marshes		N	Reduced potential of Grade 4 agricultural land at Neatscourt as defences fail	Y	No loss	Y	No loss	P	Loss of Grade 4 land at Minster Marshes dependant on realignment position	N	Loss of Grade 4 agricultural land	Y	No loss	Y	No loss	P	Loss of Grade 4 land at Minster Marshes dependant on realignment position	Ζ	Loss of Grade 4 agricultural land	Υ	No loss	Y	No loss		Loss of Grade 4 land at Minster Marshes dependant on realignmer position
Queenborough/	H2	Pre	event loss to	rede	velopment a	ea (residential, co	mm	ercial and as	soci	ated infrastruc	cture	e) through floo	odino	9										
Rushenden regeneration		N	Potential to inundate Rushenden / Queenboro ugh regeneratio n area	Y	No loss	Y	No loss	Υ	No loss, defences constructed seaward of regeneratio n area	N	Potential to inundate Rushenden / Queenboro ugh regeneratio n area	Υ	No loss	Y	No loss	Y	No loss, defences constructed seaward of regeneratio n area	Ν	Potential loss of Rushenden / Queenboro ugh regeneratio n area	Υ	No loss	Υ	No loss		No loss, defences constructe seaward o regenerati area
Queenborough Conservation Area.	G2	OE	SJECTIVE: F	reve	nt loss/ dan	nage	to Conserva	itioi	n Area and S	M fr	om flooding	and	l flood risk m	ana	gement wor	ks									
including Queenborough		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Castle		ОВ	JECTIVE 2: S	eek o	opportunitie	s to	enhance feat	ture	s where app	rop	riate														
			No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	Ν	No opportunity		No opportunity
Non-statutory known and unknown heritage	G4		JECTIVE 1: propriate	Prev	vent loss/ da	ıma	ge to heritage	e or	implement a	ppr	opriate mitig	atio	on measures,	inc	luding prese	rvati	ion of evider	ice l	by record. Se	ek	opportunities	to	enhance feat	ures	where
		Y	As long as survey and record finds	Y	No loss	Υ	As long as survey and record finds	Υ	As long as survey and record finds	Υ	As long as survey and record finds	Υ	No loss	Υ	As long as survey and record finds	Y	As long as survey and record finds	Υ	As long as survey and record finds	Υ	No loss	Υ	As long as survey and record finds		As long as survey and record find

Feature	Rank		0-20 (up	to 2025)			20-50 (u	p to 2055)			50-100 (ı	up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
Landscape of the estuary, marshes and urban	L2		Prevent degrad				m flooding/ risk	management wo	rks. Ensure con	sideration of exi	sting defences o	n landscape and	d heritage
areas, including existing defences		P Loss of some features, visual quality maintained	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	P Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	P Loss of some features, visual quality maintained	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	P Loss of some estuary landscape features, maintain visual quality of landscape, but with retreated defences	P Loss of some features, visual quality maintained	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	P Loss of some estuary landscape features, maintain visual quality of landscape but with retreated defences
Facilities for recreation in the estuary, and	R2	OBJECTIVE 1 appropriate	: Prevent loss/ da	mage/ disruptio	n to recreation a	and associated b	usiness from flo	oding and flood	risk managemei	nt works, Seek o	pportunities to e	nhance features	where
associated business, including paths, moorings, access to foreshore (including for fishing), including at Queenborough Creek		N Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y No loss	N Loss of moorings, safe navigation of channel reduced due to faster flows	P Possible loss of access to foreshore at Rushenden dependant on realignment position	N Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y No loss	N Loss of moorings, safe navigation of channel reduced due to faster flows	P Possible loss of access to foreshore at Rushenden dependant on realignment position	N Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y No loss	N Loss of moorings, safe navigation of channel reduced due to faster flows	P Possible loss of access to foreshore: Rushender dependant on realignmer position
Public footpaths	R3	OBJECTIVE 1	Prevent loss/ di	sruption to foot	oath from floodir	ng and flood risk	management w	orks					
		N Disruption to public footpaths as defences fail	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences, loss of footpath across Neatscourt Marshes	N Loss of public footpaths on defences, disruption to landward paths	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunitie s for new footpath on retreated defences, loss of footpath across Neatscourt Marshes	N Loss of public footpaths on defences, disruption to landward paths	Y No loss	Y No loss	P Disruption footpath on existing defences, opportunitis s for new footpath or retreated defences, loss of footpath across Neatscour Marshes

KINGSFERRY BRIDGE T	O RUSHENDI	EN											
Feature	Rank		0-20 (up	to 2025)			20-50 (սբ	o to 2055)			50-100 (ι	ıp to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences fail	Maintain / improve existing defences	Seaward defences	Secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Maintain /improve secondary defences
		N No opportunitie s	Y Opportuniti es for enhanceme nt	Y Opportuniti es for enhanceme nt	Y Opportuniti es for enhanceme nt	N No opportunitie s	Y Opportuniti es for enhanceme nt	Y Opportuniti es for enhanceme nt	Y Opportuniti es for enhanceme nt	N No opportunitie s	Y Opportuniti es for enhanceme nt	Y Opportuniti es for enhanceme nt	Y Opportunitie s for enhanceme nt
Υ		5	14	13	12	5	14	13	12	5	14	13	12
Р		3	1	1	4	1	1	1	4	1	1	1	4
N		11	4	5	3	13	4	5	3	13	4	5	3
Weighted Score		21	39.5	36.5	41	17.5	39.5	36.5	41	17.5	39.5	36.5	41

RUSHENDEN TO SHEERNE	SS																						
Feature	Rank		O	-20	(up to 2025)						20-50	(up	to 2055)						50-100	(up	to 2105)		
			IAI Baseline)	Н	TL	A.	TL		Al Baseline)	Н	TL	A	ΓL	Que	rth of eenborough, ith of eerness)		Al Baseline)	Н	TL	A	TL	Q sc	R lorth of ueenborough, outh of neerness)
		D	efences fail	in	aintain / nprove kisting efences		eaward efences	N	o defences	in	laintain / nprove efences	in se	aintain / prove award fences		endary ences	N	o defences	in re	laintain / nprove / eplace efences	in se	aintain / nprove eaward efences	in se	aintain / prove econdary efences
Residential properties in	H2	0	BJECTIVE: Pre	ven	loss/ dama	ge to	residential	prop	perties from	loo	ding or flood ris	sk m	anagement wor	ks									
Sheerness, Queenborough and Rushenden		N	Loss of properties	Y	No loss	Υ	No loss	N	Loss of properties	Υ	No loss	Υ	No loss	Y	No loss, defences constructed seaward of properties	N	Loss of properties	Υ	No loss	Υ	No loss	Υ	No loss
Commercial properties in	C2	0	BJECTIVE: Pre	ven	loss/ damag	ge to	commercia	l pro	perties from	flo	oding or flood r	isk	management wo	rks									
Sheerness, Queenborough and Rushenden		N	Loss of properties	Y	No loss	Y	No loss	N	Loss of properties	Y	No loss	Y	No loss	N	Loss of /relocation of commercial properties north of Queenborough	N	Loss of properties	Y	No loss	Y	No loss	N	Loss of /relocation of commercial properties north of Queenborough
Community facilities in	H1	0	BJECTIVE: Pre	ven	loss/ damag	ge to	community	fac	ilities from fl	ood	ing or flood risl	(ma	nagement work	s							•		
Sheerness, Queenborough and Rushenden (such as churches, pubs, shops, schools, village halls)		N	Damage to / loss of facilities	Y	No loss	Y	No loss	N	Damage to / loss of facilities	Υ	No loss	Y	No loss	Y	No loss, defences constructed seaward of facilities	N	Loss of facilities	Y	No loss	Y	No loss	Υ	No loss
Sheerness Port	F1	0	BJECTIVE: Pre	ven	loss/ dama	ge/ c	disruption to	She	erness Port	fror	n flooding										l .		
		N	Disruption / damage to / Port	Υ	No loss	Υ	No loss	N	Damage to / loss of Port	Υ	No loss	Υ	No loss	Y	No loss	N	Loss of Port	Υ	No loss	Y	No loss	Υ	No loss
Rushenden Dredging	C3	0	BJECTIVE: Pre	ven	loss/ dama	ge to	Hoo Island	fron	n flooding or	erc	sion of bunds								•				
Disposal site		N	Potential erosion of bunds adjacent to disposal site	Y	No loss	Y	No loss	N	Potential erosion of bunds adjacent to disposal site	Y	No loss	Y	No loss	Y	No loss	N	Potential erosion of bunds adjacent to disposal site	Y	No loss	Y	No loss	Y	No loss
Major infrastructure,	F2	0	BJECTIVE: Pre	ven	loss/ dama	ge/ c	disruption to	infr	astructure from	m	flooding								•		•		
including Rushenden Sewage Treatment works, main railway line, A249, local roads, bridges and		N	Loss /damage to infrastructure	Y	No loss	Y	No loss	N	Loss of infrastructu re	Υ	No loss	Y	No loss	N	Disruption to A249 and railway line	N	Loss of infrastructure	Y	No loss	Υ	No loss	N	Loss of A249 and railway line

RUSHENDEN TO SHEERNE	SS																						
Feature	Rank		0	-20	(up to 2025)						20-50	(up	to 2055)						50-100	(up	to 2105)		
			Al Baseline)	H	ΤL	A	ΓL	N. (E	Al Baseline)	Н	TL	A	ΓL	Que	orth of eenborough, uth of eerness)		IAI Baseline)	Н	TL	A	TL	Q sc	R lorth of ueenborough, outh of neerness)
		D	efences fail	in ex	aintain / nprove kisting efences		eaward efences	N	o defences	ir	laintain / nprove efences	im se	aintain / nprove eaward efences		condary ences	N	lo defences	in re	laintain / nprove / eplace efences	in Se	laintain / nprove eaward efences	in se	aintain / aprove econdary efences
tracks, electricity pylons, services and communication links																							
Intertidal Habitat	E1	0	BJECTIVE 1: Pr	omo	ote biodivers	ity (opportunities	to	enhance / cre	eate	intertidal habi	at							_	,			
		Y	Creation of transitional intertidal habitat up to MHWS as defences fail	N	No biodiversity opportunitie s	N	No biodiversity opportunitie s	Υ	creation of transitional intertidal habitat with further inundation up to MHWS	N	No biodiversity opportunities	N	No biodiversity opportunities	Y	Potential to create new intertidal habitat	Y	creation of transitional intertidal habitat with further inundation up to MHWS	N	No biodiversity opportunitie s	N	No biodiversity opportunitie s	Υ	Potential to create new intertidal habitat
		0	BJECTIVE 2: A	oid/	net loss of i	nter	tidal habitat a	and	associated s	spe	cies from coast	al so	queeze and floor	d risk	management v	vork	s		•		'		
		Υ	No net loss	N	Net loss of mudflat if historic erosion trends continue in confined areas	N	Net loss of intertidal as defences constructed seaward	Υ	No net loss	N	Net loss of habitat with coastal squeeze	N	Net loss of intertidal as defences constructed seaward	Y	No net loss	Y	No net loss	N	Net loss of habitat with coastal squeeze	N	Net loss of intertidal as defences constructed seaward	Y	No net loss
Agricultural Land at	C3	0	BJECTIVE: Pre	vent	loss/ reduce	ed p	otential of ag	ric	ultural land fr	om	flooding												
Neatscourt and Minster Marshes		Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss	Υ	No loss
Queenborough/	H2	0	BJECTIVE: Pre	vent	loss to rede	velo	pment area (res	idential, com	me	rcial and assoc	iate	d infrastructure)	throu	igh flooding				•		'		
Rushenden regeneration		N	Loss of area as defences fail	Υ	No loss	Υ	No loss	N	Loss of area	Υ	No loss	Υ	No loss	Y	No loss	٨	Loss of area	Υ	No loss	Υ	No loss	Υ	No loss
Registered shell fishery	СЗ	0	BJECTIVE: Pre	vent	loss/ damag	je to	shell fishery	/ fro	om flooding o	or fl	ood risk manag	eme	ent works		•		•		•		•		
at Queenborough		N	Loss of moorings as defences fail	Υ	No loss	Р	Possible damage to / loss of oyster beds	N	Loss of moorings / facilities with further inundation	Υ	No loss	Р	Possible damage to oyster beds with faster flows	P	Potential loss of moorings / facilities dependant on realignment position	7	Loss of moorings / facilities with further inundation	Y	No loss	Р	Possible damage to oyster beds with faster flows	P	Potential loss of moorings / facilities dependant on realignment position

Feature	Rank		0-20 (up to 2025)		20-50	(up to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL	MR (North of Queenborough, south of Sheerness)	NAI (Baseline)	HTL	ATL	MR (North of Queenborough south of Sheerness)
		Defences fail	Maintain / improve existing defences	Seaward defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Secondary defences	No defences	Maintain / improve / replace defences	Maintain / improve seaward defences	Maintain / improve secondary defences
Sheerness Town centre	G2	OBJECTIVE: Pre	event loss/ dama	age to area from f	looding and floo	d risk managemen	works.					
		N Gradual damage as defences fail	Y No loss	Y No loss	N Loss of assets	Y No loss	Y No loss	Y No loss	N Loss of assets	Y No loss	Y No loss	Y No loss
		OBJECTIVE: See	ek opportunities	to enhance feat	ires where appro	priate		1			•	
		N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity
Queenborough	G2	OBJECTIVE: Pre	event loss/ dama	age to Conservati	on Area and SM	from flooding and	lood risk managem	ent work.				
Conservation Area, including Queenborough Castle		N Damage to conservation area	Y No loss	N Damage to conservation a area at Queenboro ugh, defences constructed seaward into creek	N Damage to conservatio n area and SM	Y No loss	N Damage to conservation area at Queenborough, defences constructed seaward into creek	Y No loss	N Damage to Conservati on area and SM	Y No loss	N Damage to conservation n area at Queenborough, defences constructed seaward into creek	Y No loss
		OBJECTIVE: See	ek opportunities	to enhance feat	res where appro	priate						
		N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity
Non-statutory known and unknown heritage	G4	OBJECTIVE: Pre appropriate	event loss/ dam	age to heritage or	implement appr	opriate mitigation r	neasures, including	preservation of evid	ence by record.	Seek opportunit	ies to enhance fe	atures where
		P As long as survey and record finds (Sheerness), possible damage to historic landscape at Queenboroug h and Rushenden	Y As long as survey, record and monitor finds	P As long as survey and record finds (Sheerness & Rushenden), damage to historic landscape at Queenboro ugh	P As long as survey and record finds (Sheerness), possible damage to historic landscape at Queenboro ugh and Rushenden	Y As long as survey, record and monitor finds	P As long as survey and record finds (Sheerness & Rushenden), damage to historic landscape at Queenborough	Y As long as survey, record and monitor finds	P As long as survey and record finds (Sheerness), possible damage to historic landscape at Queenboro ugh and Rushenden	Y As long as survey, record and monitor finds	P As long as survey and record finds (Sheerness & Rushenden), damage to historic landscape at Queenboro ugh	Y As long as survey, record and monitor finds

marshes and urban

RUSHENDEN TO SHEERNES	ss											
Feature	Rank	0	-20 (up to 2025)			20-50	(up to 2055)			50-100	(up to 2105)	
		NAI (Baseline)	HTL	ATL	NAI (Baseline)	HTL	ATL	MR (North of Queenborough, south of Sheerness)	NAI (Baseline)	HTL	ATL	MR (North of Queenborough, south of Sheerness)
		Defences fail	Maintain / improve existing defences	Seaward defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Secondary defences	No defences	Maintain / improve / replace defences	Maintain / improve seaward defences	Maintain / improve secondary defences
areas, including existing		grounds. Seek o	portunities to e	nhance features	where appropria	ate						
defences		N Degradation of landscape quality as defences fail	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	N Degradatio n of heritage landscape at Queenboro ugh	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	P Loss of some estuary landscape features, maintain visual quality of landscape	N Degradatio n of heritage landscape at Queenboro ugh	P Maintain as is but increased defences	N Hard defences, visual estuary landscape impacts	P Loss of some estuary landscape features, maintain visual quality of landscape
Facilities for recreation in the estuary, and	R2	OBJECTIVE: Pre appropriate	vent loss/ dama	ge/ disruption to	recreation and a	ssociated busines	s from flooding and	flood risk manageme	ent works, Seek	opportunities to	enhance feature	es where
associated business, including paths, moorings, access to foreshore (including for fishing), including at Queenborough Creek		N Disrupt recreation opportunities, paths, access to foreshore, fishing	Y No loss	N Loss of moorings and disruption to recreation in estuary and Queenboro ugh Creek	N Disrupt recreation opportunities, paths, access to foreshore, fishing	Y No loss	N Loss of moorings and disruption to recreation in estuary and Queenborough Creek	P Loss of paths and access to the foreshore, opportunity to relocate paths	N Disrupt recreation opportunitie s, paths, access to foreshore, fishing	Y No loss	N Loss of moorings and disruption to recreation in estuary and Queenboro ugh Creek	P Loss of paths and access to the foreshore, opportunity to relocate paths
Public footpaths	R3	OBJECTIVE: Pre	vent loss/ disrup	tion to footpath	from flooding ar	nd flood risk manaç	gement works					
		N Disruption to public footpaths as defences fail	Y No loss	Y No loss	N Loss of public footpaths on defences, disruption to landward paths	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunities for new footpath on retreated defences	N Loss of public footpaths on defences, disruption to landward paths	Y No loss	Y No loss	P Disruption to footpath on existing defences, opportunities fo new footpath or retreated defences
		OBJECTIVE: See	k opportunities	to enhance featu	res where appro	priate						
		N No opportunities	Y Opportuniti es for enhanceme nt	Y Opportuniti es for enhanceme nt	N No opportunitie s	Y Opportunities for enhancement	Y Opportunities for enhancement	Y Opportunities for enhancement	N No opportunitie s	Y Opportuniti es for enhanceme nt	Y Opportuniti es for enhanceme nt	Y Opportunities for enhancement
Υ		3	15	11	3	15	11	12	3	15	11	12
P		1	1	2	1	1	2	4	1	1	2	4

RUSHENDEN TO SH	IEERNESS											
Feature	Rank	0	-20 (up to 2025)			20-50	(up to 2055)			50-100	(up to 2105)	
		NAI	HTL	ATL	NAI	HTL	ATL	MR	NAI	HTL	ATL	MR
		(Baseline)			(Baseline)			(North of Queenborough, south of Sheerness)	(Baseline)			(North of Queenborough, south of Sheerness)
		Defences fail	Maintain / improve existing defences	Seaward defences	No defences	Maintain / improve defences	Maintain / improve seaward defences	Secondary defences	No defences	Maintain / improve / replace defences	Maintain / improve seaward defences	Maintain / improve secondary defences
N		16	4	7	16	4	7	4	16	4	7	4
Weighted Score		10.5	41.5	32.5	10.5	41.5	32.5	40	10.5	41.5	32.5	40

MEDWAY ISLANDS																									
Feature	Rank				0-20 (u	p to	2025)						20-50 (սլ	o to	2055)						50-100 (ι	p to	2105)		
			Al Baseline)	H	ΓL	A	ΤL	MI	R		Al Baseline)	Н	TL	A	TL	N	/IR	N. (E	AI Baseline)	Н	TL	A	ΓL	MF	3
		_	efences emain	im	aintain / iprove cisting efences		eaward efences	se	ealigned condary fences	D	efences fail	in	aintain / nprove kisting efences	in	aintain / nprove eaward efences	ii S	Maintain / mprove secondary lefences	N	o defences	in re	aintain / nprove / place kisting efences	im	aintain / iprove award ifences	im	aintain / prove condary fences
Hoo Island dredging	C3	0	BJECTIVE:	Prev	ent loss/ d	lama	age to Hoo Is	land	d from floodi	ng	or erosion of	bur	nds										'		
disposal site		Р	No loss	Υ	No loss	Υ	No loss	N	Damage to site	N	Erosion of site	Υ	No loss	Υ	No loss	N	Damage to site	N	Erosion of site	Υ	No loss	Υ	No loss	Ν	Damage to site
Hoo Fort and Darnet Fort	G2	0	BJECTIVE:	Prev	ent loss/ d	lama	age to SMs f	rom	flooding and	lflo	od risk mana	ger	nent works			<u> </u>								J	
		Υ	No loss	Y	No loss	Y	No loss	Y	No loss	N	Loss of / damage to SMs with sea level rise	Υ	No loss	Υ	No loss	Y	No loss	N	Loss of / damage to SMs with sea level rise	Y	No loss	Υ	No loss	Y	No loss
Non-statutory known and unknown heritage	G4						mage to heri nhance featu					ma	nagement w	orks	or impleme	nt a	appropriate m	itiga	ation measur	es,	including pre	ser	vation of evid	denc	e by
		Y	Loss acceptable as long as survey and record finds	Y	Loss accepta ble as long as survey, record and monitor finds	N	Loss of submerged interests not acceptable	Y	Loss of buried heritage acceptable as long as survey, record and monitor finds	Υ	Loss acceptable as long as survey and record finds	Υ	Loss acceptable as long as survey, record and monitor finds	N	Loss of submerged interests not acceptable	Y	Loss of buried heritage acceptable as long as survey, record and monitor finds	Y	Loss acceptable as long as survey and record finds	Y	Loss acceptable as long as survey, record and monitor finds	Z	Loss of submerged interests not acceptable	Y	Loss of buried heritage acceptable as long as survey, record and monitor finds
Facilities for recreation on	R2	0	BJECTIVE	l: Pre	vent loss	dar	mage/ disrup	tion	to recreation	n ar	nd associated	l bu	siness from	floc	ding and flo	od	risk managen	nent	works			<u> </u>			
the river, and associated business, including marina (sailing and windsurfing), Medway Yacht Club, Arethusa Venture Centre, access to foreshore and river (including for fishing)		Y	No loss	Y	No loss	N	Loss of moorings, narrower channel will cause faster flows compromisi ng navigation safety	Y	No loss	Υ	No loss	Υ	No loss	N	Narrower channel will cause faster flows compromisi ng navigation safety	Y	No loss	Y	No loss	Υ	No loss	N	Narrower channel will cause faster flows compromisi ng navigation safety	Y	No loss
		0	BJECTIVE 2	2: Se	ek opportu	uniti	es to enhand	e fe	atures where	e ap	propriate														
		N	No opportunity	N	No opportu nity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity	N	No opportunity
Intertidal Habitat	E1	0	BJECTIVE	l: Pro	mote biod	dive	rsity opportu	ınitie	es to enhanc	e / (create intertion	lal I	nabitat			•								-	
(including saltmarsh		N	No	N	No	N	No	Υ	Opportunity	Υ	Opportunity	N	No	Ν	No	Υ	Opportunity	Υ	Opportunity	N	No	N	No	Υ	Opportunity

MEDWAY ISLANDS													
Feature	Rank		0-20 (ι	ıp to 2025)			20-50 (u	p to 2055)			50-100 (ı	up to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Realigned secondary defences	Defences fail	Maintain / improve existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences	No defences	Maintain / improve / replace existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences
islands)		opportunity	opportu nity	opportunity	to create habitat	to create habitat	opportunity	opportunity	to enhance habitat	to create habitat	opportunity	opportunity	to enhance habitat
		OBJECTIVE 2	2: Avoid net los	ss of intertidal h	abitat and assoc	iated species fro	m coastal squee	ze and flood risl	k management v	vorks			
		P Some loss of intertidal habitat with coastal squeeze in contempor ary eroding area, accretion elsewhere	P Some loss of intertida I habitat with coastal squeez e in contem porary eroding area, accretion elsewhere	N Loss of intertidal habitat as defences constructed seawards	Y No net loss	Y No net loss	P Some loss of intertidal habitat with coastal squeeze in contempor ary eroding area, accretion elsewhere	N Loss of intertidal habitat as defences constructed seawards	Y No net loss	Y No net loss	N Net loss of intertidal habitat with coastal squeeze as sediment supply decreases	N Loss of intertidal habitat as defences constructed seawards	Y No net loss
Coastal Grazing marsh	E2	OBJECTIVE	1: Promote bio	diversity opport	unities to enhand	ce / create coasta	al grazing marsh	habitat					
habitat (including habitat on the flood defence embankments)		N No opportunity	N No opportu nity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity	N No opportunity
		OBJECTIVE :	2: Avoid net los	ss of coastal gra	zing marsh and	associated speci	ies from coastal	squeeze and flo	od risk manager	nent works			
		Y No net loss	Y No net loss	Y No net loss	N Potential Loss of habitat	N Loss of habitat as defences fail	Y No net loss	Y No net loss	N Potential Loss of habitat	N Loss of habitat with further inundation	Y No net loss	Y No net loss	N Potential Loss of habitat
Landscape of the estuary, marshes, villages and	L2					d visual amenity here appropriate		id flood risk man	nagement works	. Ensure conside	eration of existing	g defences on la	ndscape and
industrial area, including existing defences		Y Maintain as	P Maintai n as is but increas ed defence s	N Hard defences, impacts in visual quality of estuary landscape	P Loss of some estuary landscape features, maintain visual quality	P Loss of some estuary landscape features, maintain visual quality	P Maintain as is but increased defences	N Hard defences, impacts in visual quality of estuary landscape	P Loss of some estuary landscape features, maintain visual quality	P Loss of some estuary landscape features, maintain visual quality	P Maintain as is but increased defences	N Hard defences, impacts in visual quality of estuary landscape	P Loss of some estuary landscape features, maintain visual quality
Υ		5	5	3	5	4	5	3	5	4	5	3	5

MEDWAY ISLANDS													
Feature	Rank		0-20 (u	p to 2025)			20-50 (սբ	o to 2055)			50-100 (u	p to 2105)	
		NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR	NAI (Baseline)	HTL	ATL	MR
		Defences remain	Maintain / improve existing defences	Seaward defences	Realigned secondary defences	Defences fail	Maintain / improve existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences	No defences	Maintain / improve / replace existing defences	Maintain / improve seaward defences	Maintain / improve secondary defences
Р		2	2	0	1	1	2	0	1	1	1	0	1
N		3	3	7	4	5	3	7	4	5	4	7	4
Weighted Score		16	15.5	8	16.5	13.5	15.5	8	16.5	13.5	13.5	8	16.5

G4 Proposed Policy Options and Preferred Policy Scenario

Proposed Policy Options were identified for each frontage through the assessment of Shoreline Interaction and Response for the policies tested, and through the Objectives Assessment. The Proposed Policy Options listed in the following table were issued to the Coastal Steering Group for discussion.

G4.1 PROPOSED POLICY OPTIONS

PROPOSED PREFERRED POLICIES

(HTL – Hold the Line, ATL – Advance the Line, MR – Managed Realignment, NAI – No Active Intervention)

(HIL - HOI	a the Line, ATL – Advance the Line, I	VIR – Man	iaged Rea	alignment	, NAI – No Active Intervention)
Proposed	Policy Unit	Epoch 1	Epoch 2	Epoch 3	Comments / Justification
		(0-20 years)	(20-50 years)	(50-100 years)	
E4 01	North Grain to Colemouth Creek	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 There are limited areas below MHWS level, therefore there are limited opportunities for habitat creation, the only suitable area for MR would be by Colemouth Creek, however this is very small ~ 25 Ha, length of new defences would be longer than current defences Important infrastructure / industry in the way
E4 02	Colemouth Creek to Bee Ness Jetty	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 2 and 3 Estuary already wider than it needs to be in this location, large scale retreat (MR/NAI) would move it further away from ideal form Estuary is still accreting in this location MR up to infrastructure would mean small amount of habitat gain. More in depth study would be required to ascertain impacts on estuary and habitat creation potential - TO BE DISCUSSED WITH CSG MR to create new channel was discounted as would be very expensive (would require removal / relocation of essential infrastructure)
E4 03	Bee Ness Jetty to Hoo Marina	HTL	HTL	HTL	HTL met the largest number of objectives in Epoch 1, HTL and MR met the largest number of objectives in Epochs 2 and 3 Kingsnorth power Station important asset and infrastructure Limited areas would create habitat up to MHWS, main area being to the west of Kingsnorth Power Station

G-208

Proposed	Policy Unit	Epoch 1	Epoch 2	Epoch 3	Comments / Justification
		(0-20 years)	(20-50 years)	(50-100 years)	
					More in depth study would be required - TO BE DISCUSSED WITH CSG
E4 04	Hoo Marina to Lower Upnor	NAI	NAI	NAI	MR and NAI met the most objectives for each epoch No justification for MR as there are no assets on top of the cliffs to be protected HTL at SM is unsustainable in the long term and will adversely affect the adjacent shoreline Any loss of designated habitat may need to be compensated for elsewhere
E4 05	Lower Upnor to Medway bridge	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 MHWS level would mean no opportunities for habitat creation at Whitewall Creek with MR
E4 06	Medway Bridge to North Halling	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 Opportunity for possible MR / flood storage area beside Medway Bridge, MHWS level would create habitat in this location, however is a relatively small area, more in depth study would be required to ascertain impacts on estuary and habitat creation potential <a "="" block="" example.com="" href="https://example.com/realized-real</td></tr><tr><td>E4 07</td><td>North Halling to Snodland</td><td>HTL</td><td>HTL</td><td>HTL</td><td>HTL met the largest number of objectives in all 3 epochs Opportunity for possible MR / flood storage areas at Halling and Holborough, MHWS level would create habitat in these locations, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere -TO BE DISCUSSED WITH CSG
E4 08	Leybourne Lakes	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 Opportunity to MR / flood storage area in small site on the corner of the lakes, MHWS level would create habitat in this location, may be cost effective as would need shorter length of defences, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere <u>-TO BE DISCUSSED WITH CSG</u>
E4 09	New Hythe to Allington Lock	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 Opportunity for MR / flood storage area north of M20 motorway, may reduce water levels during floods, more in depth study would be required to ascertain impacts on estuary <u>-TO BE DISCUSSED WITH CSG</u>
E4 10	Allington Lock to Millhall	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 With opportunity for MR / flood storage area between Millhall and Forstal, may reduce water levels during floods, more in depth study would be required to ascertain impacts on estuary -TO BE DISCUSSED WITH CSG
E4 11	Millhall to north Wouldham	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 along Millhall to Medway Bridge frontage Opportunity for MR / flood storage areas at Burham Court and south of Wouldham, MHWS level would create

Proposed	Policy Unit	Epoch	Epoch	Epoch	Comments / Justification
		1	2	3	
		(0-20 years)	(20-50 years)	(50-100 years)	
					habitat in these locations, would reduce water levels during floods, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere -TO BE DISCUSSED WITH CSG
E4 12	Wouldham Marshes	MR / NAI	MR / NAI	MR / NAI	HTL met the largest number of objectives in Epochs 1, 2 and 3 along Millhall to Medway Bridge frontage However opportunity for MR / flood storage area in this location, MHWS level would create habitat in this location, would reduce water levels during floods, minimal assets on flood plain, raises to higher ground, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere -TO BE DISCUSSED WITH CSG
E4 13	Medway Bridge to west St Mary's Island	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 ATL discounted on technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas, compromises safe navigation
E4 14	St Mary's Island to the Strand	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 No opportunities for MR along the whole of this frontage, MHWS level too low ATL discounted on technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas, compromises safe navigation
E4 15	The Strand to west Motney Hill	HTL	HTL / NAI / MR	HTL / NAI / MR	Objective assessment not clear, however MR met most objectives when looking at weighted score ATL has been discounted on environmental grounds, adverse affects / loss of habitat and important wrecks NAI should be considered along whole / some of frontage due to small number of assets in the narrow flood plain, higher land behind, lowers costs of defence maintenance / replacement
E4 16	Motney Hill to Lower Halstow	HTL	HTL	HTL	Need to split unit for more clarity and re-test objectives as objective assessment not clear ATL has been discounted on environmental grounds, adverse affects / loss of habitat and technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas, compromises safe navigation in the Swale Opportunity for MR along the west shoreline, west of Ham Green -TO BE DISCUSSED WITH CSG
E4 17	Barksore Marshes	MR / NAI	MR / NAI	MR / NAI	MR, NAI met the largest number of objectives in Epochs 1, 2 and 3 MR / NAI should both be considered as no assets on the marshes, would be more cost effective than maintaining / replacing defences, meets environmental objectives creating intertidal habitat, more in depth

Proposed	Policy Unit	Epoch 1	Epoch 2	Epoch 3	Comments / Justification
		(0-20 years)	(20-50 years)	(50-100 years)	
					study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere <u>-TO BE DISCUSSED WITH CSG</u> HTL is discounted as defences do not protect any built assets and no assets on the flood plain
E4 18	Funton to Raspberry Hill	HTL	HTL	HTL	NAI met the largest number of objectives in all 3 epochs ATL has been discounted on environmental grounds, adverse affects / loss of habitat and technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas, compromises safe navigation in the Swale MR / NAI discounted due to close proximity of road and orchards to shoreline although not reflected in objective assessment -TO BE DISCUSSED WITH CSG
E4 19	Chetney Marshes	NAI / MR	NAI / MR	NAI / MR	MR met the largest number of objectives in Epochs 1, 2 and 3 MR should be considered as no assets on the marshes, meets environmental objectives creating intertidal habitat, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere -TO BE DISCUSSED WITH CSG HTL is discounted as defences do not protect any built assets and no assets on the flood plain NAI should also be considered, however pylons and pathways will be lost
E4 20	Kingsferry Bridge to Milton Creek	HTL	HTL	HTL	NAI met the largest number of objectives in Epoch 1 (this is misleading as defences will remain in the 1 st epoch), HTL met the largest number of objectives in Epochs 2 and 3 NAI discounted due to infrastructure (roads, pylons), industrial assets and docks, on the flood plain ATL discounted on technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas, compromises safe navigation, accelerated damage to defences, loss of habitat Only opportunity to create habitat where MHWS level is suitable is between Kingsferry Bridge and Ridham Dock, however discounted due to large number of pylons and road to Ridham Dock
E4 21	Milton Creek	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 ATL discounted on technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas, compromises safe navigation, accelerated damage to defences, loss of habitat MR discounted due to large number of industry, built assets and infrastructure along the creek NAI discounted due to large number of industry, built assets and infrastructure along the creek and on flood plain
E4 22	Murston Pits to Oare	HTL	HTL / MR	HTL / MR	HTL met the largest number of objectives in Epochs 1, 2 and 3 ATL discounted on technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas, compromises safe navigation, accelerated damage to defences, loss of habitat

Proposed	Proposed Policy Unit		Epoch Epoch Epoch 2 3		Comments / Justification	
		(0-20 years)	(20-50 years)	(50-100 years)		
					NAI discounted due to infrastructure, assets, on the flood plain and valuable agricultural land on the fringes of the flood plain MR should be considered as no assets on the marshes, meets environmental objectives creating intertidal habitat, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere <u>-TO BE DISCUSSED WITH CSG</u>	
E4 23	Oare to Faversham Creek	HTL	HTL	HTL	HTL met the largest number of objectives in Epochs 1, 2 and 3 ATL discounted on technical grounds, adverse affects on estuary processes, faster flows, increased erosion is confined areas, compromises safe navigation, accelerated damage to defences, loss of habitat NAI discounted due to infrastructure, assets, on the flood plain and valuable agricultural land on the fringes of the flood plain MR should be considered as no assets on the marshes, meets environmental objectives creating intertidal habitat, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhereTO BE DISCUSSED WITH CSG	
E4 24	Shell Ness to Sayes Court	HTL	MR	MR	HTL and MR met the largest number of objectives in all 3 epochs Built assets not in flood plain apart from at Shell Ness ATL has been discounted on environmental grounds, adverse affects / loss of habitat and technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas MR should be considered as minimal built assets on the marshes, meets environmental objectives creating intertidal habitat, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere -TO BE DISCUSSED WITH CSG	
E4 25	Sayes Court to north Elmley Island	NAI / MR	NAI / MR	NAI / MR	HTL and MR met the largest number of objectives in all 3 epochs ATL has been discounted on environmental grounds, adverse affects / loss of habitat and technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas, accelerated damage to defences, loss of habitat MR / NAI should be considered as minimal built assets on the marshes, meets environmental objectives creating intertidal habitat, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere -TO BE DISCUSSED WITH CSG	
E4 26	North Elmley Island to Kingsferry Bridge	HTL	HTL / MR	HTL / MR	HTL and MR met the largest number of objectives in all 3 epochs Minimal built assets on the flood plain, however major infrastructure therefore NAI discounted ATL has been discounted on environmental grounds, adverse affects / loss of habitat and technical grounds.	

(HTL – Hold the Line, ATL – Advance the Line, MR – Managed Realignment, NAI – No Active Intervention)						
Proposed Policy Unit		Epoch 1	Epoch 2	Epoch 3	Comments / Justification	
		(0-20 years)	(20-50 years)	(50-100 years)		
					adverse affects on estuary processes, faster flows, increased erosion in confined areas, accelerated damage to defences, loss of habitat	
					MR should be considered as minimal built assets on the marshes, meets environmental objectives creating intertidal habitat, more in depth study would be required to ascertain impacts on estuary and habitat creation potential, any loss of designated habitat may need to be compensated for elsewhere <u>-TO BE DISCUSSED</u> <u>WITH CSG</u>	
E4 27	Kingsferry Bridge to Rushenden	HTL	HTL	HTL	HTL met the largest number of objectives in all 3 epochs, however with weighted score MR met most objectives in all three epochs	
					Opportunity to MR between Kingsferry Bridge and Rushenden Disposal site, opportunity to create habitat, however relatively small area due to infrastructure constraints, more in depth study would be required, any loss of designated habitat may need to be compensated for elsewhere <u>-TO BE DISCUSSED WITH CSG</u> ATL discounted on technical grounds, adverse affects on estuary processes, faster flows, increased erosion in	
					confined areas, compromises safe navigation, accelerated damage to defences, loss of habitat	
E4 28	Rushenden to Sheerness	HTL	HTL	HTL	HTL met the largest number of objectives in all 3 epochs	
					ATL discounted on technical grounds, adverse affects on estuary processes, faster flows, increased erosion in confined areas, compromises safe navigation, accelerated damage to defences, loss of habitat	
					MR discounted due to relocation of infrastructure, industry, no opportunity to open up a second mouth to the Medway	

Through discussion with the Client Steering Group, the Preferred Policy Scenario was identified for the Medway Estuary and Swale SMP frontage. The main changes from the Proposed Policy Options were:

(1) Where it was difficult to decide on one policy for a unit, the management unit was split to ensure clarity.

Bee Ness Jetty to Hoo Marina management unit has been split into:

- E4 03 Kingsnorth Power Station; and,
- E4 04 Kingsnorth Power Station to Cockham Wood;

Motney Hill to Lower Halstow management unit has been split into:

- E4 15 Motney Hill to Ham Green;
- E4 16 Ham Green to East of Upchurch; and,
- E4 17 East of Upchurch to East Lower Halstow;
- (2) Where two adjacent units had the same policy and processes were similar, the management unit was combined.
- E4 09 Snodland to Allington Lock (Leybourne Lakes and New Hythe to Allington Lock):
- E4 10 Allington Lock to North Wouldham (Allington Lock to Millhall and Millhall to North Wouldham); and,
- E4 23 Murston Pits to Faversham (Murston Pits to Oare and Oare to Faversham Creek);
- (3) Two new management units were added and one renamed to ensure consistency with the open coast SMP management units (Isle of Grain to South Foreland SMP2) and to include the Medway Islands.
- E4 01 Grain Tower to Colemouth Creek (originally North Grain to Colemouth Creek)
- E4 24 Faversham to Nagden; and,
- E4 30 Medway Islands;
- (4) Along frontages where HTL was originally proposed but there is potential for managed realignment along discrete sections of the frontage, the Client Steering Group has agreed to rename the policy 'Managed Realignment with localised Hold The Line' to allow for more flexible estuary management in the future and to discourage new development in these areas.

It should be noted that where Managed Realignment or Managed Realignment with localised Hold the Line has been proposed, further studies will be undertaken before any realignment scheme is undertaken. These studies will be required to:

- Identify the best alignment and extent of defences on technical, social, economic and environmental grounds, that best manages flood risk;
- Define the exact standard of protection of any realigned defences along these frontages;
- Investigate implementation methods;
- Assess hydrodynamic impacts of Managed Realignment;
- Investigate future morphological evolution; and,
- Investigate any mitigation measures required for loss of designated habitats.

There should be detailed consideration of future land use, development and infrastructure improvements in all areas of flood and erosion risk, particularly where the policy is not Hold the Line, to enable the shoreline, and the assets affected by it, to adapt in a sustainable, controlled and balanced way.

The following Preferred Policy Scenario Table identifies the policy options for each preferred policy unit agreed by the Client Steering Group to take forward to consultation.

G-215

G4.3 PREFERRED POLICY SCENARIO TABLE

PREFERRED POLICY SCENARIO

(HTL – Hold the Line, ATL – Advance the Line, MR – Managed Realignment, NAI – No Active Intervention)

Preferred Policy Unit	Epoch 1 0-20 Years	Epoch 2 20-50 Years	Epoch 3 50-100 Years	Supporting Notes
E4 01 Grain Tower to Colemouth Creek	HTL	HTL	HTL	Nationally important industry and infrastructure in the area (Power Station, Thamesport). Area proposed as a Thames Gateway regeneration area. Internationally important intertidal habitat
E4 02 Colemouth Creek to Bee Ness Jetty	MR with localised HTL	MR with localised HTL	MR with localised HTL	Nationally important infrastructure in the area (pipelines, road, railway) therefore NAI not suitable. Some opportunities for managed change to defence line. Internationally important intertidal habitat
E4 03 Kingsnorth Power Station	HTL	HTL	HTL	Nationally important Power Station / infrastructure, also proposal for a new power station along the frontage, therefore NAI / MR not suitable. Internationally important intertidal habitat
E4 04 Power Station to Cockham Wood	MR with localised HTL	MR with localised HTL	MR with localised HTL	Marina and residential community south of Hoo St Werburg Some areas identified as being suitable for habitat creation. MR with localised HTL will enable more flexible estuary management and better flood and erosion risk management in the future.
E4 05 Hoo Marina to Lower Upnor	NAI	NAI	NAI	NAI is the current policy for this unit. Some important cliff top Heritage assets will continue to be exposed.
E4 06 Lower Upnor to Medway Bridge	HTL	HTL	HTL	Urban area with a large number of built residential and commercial assets.
E4 07 Medway Bridge to North Halling	HTL	HTL	HTL	Sub-regionally important infrastructure. MR with localised HTL for epochs 2 and 3 to enable more flexible estuary management and better flood and erosion risk management in the future. NOTE: The CSG originally agreed to MR with localised HTL in epochs 2 and 3. However, at the CSG meeting in February 2007 it was agreed that the policy should change to HTL for all three epochs. It would only be possible to realign along a small section of the frontage and this is already compensatory freshwater

G-216

Preferred Policy Epoch 1 Unit 0-20 Years		Epoch 2 20-50 Years	Epoch 3 50-100 Years	Supporting Notes	
				habitat and therefore not suitable for MR.	
E4 08 North Halling to Snodland	MR with localised HTL	MR with localised HTL	MR with localised HTL	Localised Settlements. MR with localised HTL will enable more flexible estuary management and better flood and erosion risk management in the future. A proposal for MR at Halling currently exists.	
E4 09 Snodland to Allington Lock	HTL	MR with localised HTL	MR with localised HTL	Nationally important Aylesford Conservation Area & Holborough to Burham Marshes SSSI. Localised Settlements. Some areas are identified as suitable for habitat creation. MR with localised HTL for epochs 2 and 3 will enable more flexible estuary management and better flood and erosion risk management in the future.	
E4 10 Allington Lock to north Wouldham	HTL	MR with localised HTL	MR with localised HTL	Nationally important Aylesford Conservation Area. Localised Settlements. Some areas are identified as suitable for habitat creation. MR with localised HTL for epochs 2 and 3 will enable more flexible estuary management and better flood and erosion risk management in the future.	
E4 11 Wouldham Marshes	MR	MR	MR	Frontage suitable for habitat creation. Pylons across this frontage render NAI unsuitable. MR will enable more flexible estuary management and better flood and erosion risk management in the future.	
E4 12 Medway Bridge to east St Mary's Island	HTL	HTL	HTL	Urban area with a large number of built residential and commercial assets. Internationally important Chatham Dock. Frontage includes multiple areas of proposed regeneration / development.	
E4 13 St Mary's Island to the Strand	HTL	HTL	HTL	Urban area with a large number of built residential, commercial and recreation assets therefore MR / NAI not suitable.	
E4 14 The Strand to west Motney Hill	HTL	MR	MR	Intertidal internationally designated as SPA and Ramsar and nationally as a SSSI. Potential contaminated land. Sewage pipes run parallel to the shoreline along this frontage. HTL should be implemented in the short term to allow for further study regarding infrastructure & contamination. MR should be the favoured policy for the second and third epochs for sustainability.	

(HTL - Hold the Line, ATL - Advance the Line, Wh - Wahaged Realignment, WAI - No Active Intervention)							
Preferred Policy Unit	Epoch 1 0-20 Years	Epoch 2 20-50 Years	Epoch 3 50-100 Years	Supporting Notes			
E4 15 Motney Hill to Ham Green	MR with localised HTL	MR with localised HTL	MR with localised HTL	Nor Marsh and Motney Hill are an RSPB Nature Reserve. Localised Settlements. MR with localised HTL will enable more flexible estuary management and better flood and erosion risk management in the future.			
E4 16 Ham Green to east of Upchurch	NAI	NAI	NAI	Frontage has a very narrow floodplain due to higher land therefore any built assets will not be at risk from NAI.			
E4 17 East of Upchurch to east Lower Halstow	MR with localised HTL	MR with localised HTL	MR with localised HTL	Intertidal internationally designated. Localised Settlements. MR with localised HTL for all three epochs to enable more flexible estuary management and better flood and erosion risk management in the future.			
E4 18 Barksore Marshes	MR	NAI	NAI	Coastal grazing marsh internationally designated. Intertidal habitat internationally designated. Areas identified as suitable for habitat creation. MR should be implemented in the 1 st epoch to ensure that the habitat landward of the defences could be appropriately managed followed by NAI for the second and third epochs.			
E4 19 Funton to Raspberry Hill	NAI	NAI	NAI	There is no flood or coastal protection issue along this frontage (frontage backed by small road and orchards), therefore HTL would not be sustainable. There are alternative roads to use if this road were to be lost.			
E4 20 Chetney Marshes	MR	MR	MR	Part of Chetney Marshes is a compensatory habitat area for the A 249 road. Coastal grazing marsh internationally designated. MR will enable more flexible estuary management and better flood and erosion risk management in the future.			
E4 21 Kingsferry Bridge to Milton Creek	HTL	HTL	HTL	Coastal grazing marsh & Intertidal internationally designated Regionally important industrial and commercial area.			
E4 22 Milton Creek	HTL	HTL	HTL	Large number of industrial and built assets, and infrastructure along creek, therefore NAI / MR rejected.			

Preferred Policy Unit	Epoch 1 0-20 Years	Epoch 2 20-50 Years	Epoch 3 50-100 Years	Supporting Notes
E4 23 Murston Pits to Faversham	HTL	MR with localised HTL	MR with localised HTL	Coastal grazing marsh & Intertidal internationally designated. Areas along the frontage identified as suitable for habitat creation. MR with localised HTL (specifically at Conyer and Oare) will enable more flexible estuary management and better flood and erosion risk management in the future.
E4 24 Faversham to Nagden	HTL	HTL	HTL	Coastal grazing marsh & Intertidal internationally designated. Large number of industrial, commercial and residential assets at Faversham, therefore NAI / MR rejected.
E4 25 Shell Ness to Sayes Court	MR	MR	MR	Coastal grazing marsh & Intertidal internationally designated. National heritage feature at Sayes Court located on high land. Large floodplain, therefore NAI rejected due to uncontrolled flooding of large area of land which may have negative implications on the estuary as a whole. MR will enable more flexible estuary management and better flood and erosion risk management in the future.
E4 26 Sayes Court to north Elmley Island	MR	MR	MR	Coastal grazing marsh & Intertidal internationally designated. National heritage feature at Sayes Court located on high land. Large floodplain, therefore NAI rejected due to uncontrolled flooding of large area of land which may have negative implications on the estuary as a whole. MR will enable more flexible estuary management and better flood and erosion risk management in the future.
E4 27 North Elmley Island to Kingsferry Bridge	HTL	MR	MR	Coastal grazing marsh & Intertidal internationally designated. Large floodplain, therefore NAI rejected due to uncontrolled flooding of large area of land which may have negative implications on the estuary as a whole. HTL should be implemented in the short term to allow for further study regarding MR along the frontage, due to possible implications regarding essential infrastructure (i.e. railway line and A249).
E4 28 Kingsferry Bridge to Rushenden	HTL	MR	MR	Coastal grazing marsh & Intertidal internationally designated. Rushenden dredging disposal site may be contaminated, consequently NAI not suitable. HTL should be implemented in the short term to allow for further study regarding MR along the frontage, due to possible implications regarding essential infrastructure (i.e. railway line, A249 and sewage works) and contamination of land at Rushenden disposal site.
E4 29 Rushenden to	HTL	HTL	HTL	Intertidal internationally designated. Large number of heritage, commercial and residential assets along the frontage, therefore NAI / MR not suitable. Proposed

Preferred Policy Unit	Epoch 1 0-20 Years	Epoch 2 20-50 Years	Epoch 3 50-100 Years	Supporting Notes
Sheerness				regeneration and residential development areas along the frontage.
E4 30 Medway Islands	NAI	NAI	NAI	Monitoring programme will be required to assess future management of the islands.