

G3.1 LOCATION: SOUTH FORELAND TO DOVER									0-20 (up to 2025)		20-50 (up to 2055)		50-100 (up to 2105)				
									NAI		NAI		NAI				
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	No defences		No defences		No defences				
Agricultural land	Potential loss of land through erosion	Yes	Prevent loss of farmland to erosion	Sub-regional	Low	Yes	Yes	5C	P	Some loss of land	P	Some loss of land	N	Loss of land			
The South Foreland Lighthouses and coastguard station	The lighthouse sits on top of the eroding cliffs	Yes	Maintain operational lighthouse	International	Medium	No	Yes	2I	Y	Operational lighthouse maintained	Y	Operational lighthouse maintained	P	Integrity of the lighthouse / operation may be threatened			
Dover Castle	Castle and surrounding grounds potentially threatened by erosion	Yes	Maintain amenity value of Dover Castle	Regional	Medium	No	Yes	3R	Y	The amenity value of the castle will be maintained	Y	The amenity value of the castle should be maintained	P	The amenity value of the castle may be threatened			
Saxon Shore long distance path	Cliff erosion could threaten the coastal path	Yes	Maintain Saxon Shore trail throughout frontage	Regional	High	No	Yes	3R	Y	Trail maintained	Y	Trail maintained	P	Some sections may be at risk but the trail can be located landwards			
Dover to Kingsdown Cliffs SSSI (candidate SAC)	Erosion of the cliffs is necessary for continual exposure of the stratigraphy of the cliffs shoreline exposures	Yes	Continued erosion of cliffs to maintain geological exposures	International	High	No	No	1E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion			
Landscape quality	The way in which the coastline is managed may have an adverse effect on the landscape which contributes to this status	Yes	Maintain landscape quality of 'white cliff' coastline	National	High	No	No	1L	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion			
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National	High	No	No	3A	Y	ASA's maintained	Y	ASA's maintained	P	The ASA's may be at risk to erosion			
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs involved		Y	No costs involved		Y	No costs involved	
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Maintains natural processes		Y	Maintains natural processes		Y	Maintains natural processes	
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	No impact on natural habitats		Y	No impact on natural habitats		Y	No impact on natural habitats	

G3.2 LOCATION: DOVER (INCLUDES HARBOUR)									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Defences start to fail	Residential properties remain	Seawall, groynes, port structures	Residential properties remain	Defences fail	Residential properties at risk from floods and erosion	Seawall, groynes, port structures	Residential properties maintained	No defences	Residential properties lost due to floods and erosion	Seawall, groynes, port structures	Residential properties maintained
Housing and community facilities	Potential loss of housing within the town through flooding and erosion	Yes	Prevent damage to/loss of residential properties at Dover due to Flooding or erosion	National	Medium	No	Yes	2H	Y	Residential properties remain	Y	Residential properties remain	N	Residential properties at risk from floods and erosion	Y	Residential properties maintained	N	Residential properties lost due to floods and erosion	Y	Residential properties maintained
Commercial Property	Potential loss of businesses through flooding	Yes	Prevent damage to/loss of commercial properties at Dover due to flooding or erosion	Regional	High	No	Yes	2C	Y	Commercial properties maintained	Y	Commercial properties maintained	N	Commercial properties lost to flooding and erosion	Y	Commercial properties maintained	N	Commercial properties lost to flooding and erosion	Y	Commercial properties maintained
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain services to properties in Dover	Local	Medium	Yes	Yes	5I	P	Infrastructure at risk from overtopping	Y	Infrastructure maintained	N	Infrastructure under attack from flooding and erosion	Y	Infrastructure maintained	N	Infrastructure lost due to flooding and erosion	Y	Infrastructure maintained
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain communication links within Dover	Sub-regional	Medium	Yes	Yes	4I	P	Infrastructure at risk from overtopping	Y	Infrastructure maintained	N	Infrastructure under attack from flooding and erosion	Y	Infrastructure maintained	N	Infrastructure lost due to flooding and erosion	Y	Infrastructure maintained
Dover Harbour	Commercial operations in the port are at risk of erosion/flooding if breakwaters and harbour arms were lost/failed	Yes	Maintain Dover Harbour as a viable commercial facility	International	High	No	Yes	1I	N	Operation of the harbour starts to be affected	Y	Operation maintained	N	Operation of the harbour degenerates to nothing	Y	Operation maintained	N	No harbour / no harbour operations	Y	Operation maintained
Dover Harbour	The lifeboat facility in the port is at risk if breakwaters and harbour arms were lost/ failed	Yes	Maintain Lifeboat Station in Dover	International	Medium	No	Yes	2I	N	Operation of the life boat station becomes restricted	Y	Operation maintained	N	Lifeboat station and operation lost	Y	Operation maintained	N	Lifeboat station and operation lost	Y	Operation maintained
Beach and foreshore	The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain a beach suitable for recreational purposes	Sub-regional	Low	No	Yes	4R	Y	A beach similar to the present will be maintained	Y	A beach similar to the present will be maintained	N	Natural coastal processes and defence failure will result in a denuded beach	Y	A beach similar to the present will be maintained	N	Recreational facilities will be lost (due to low beach levels)	N	Recreational facilities will be lost (due to low beach levels)
Dover Harbour	Recreational facilities in the port are at risk of erosion/flooding if breakwaters and harbour arms were lost/ failed	Yes	Prevent damage to / loss of recreational facilities at Dover Harbour due to flooding	Regional	Medium	No	Yes	3R	Y	Recreational value maintained	Y	Recreational value maintained	N	Recreational facility lost	Y	Recreational value maintained	N	Recreational facility lost	Y	Recreational value maintained
Western Heights and Dover Town Conservation Area	Town Centre and Seafont Conservation Area threatened by erosion (socio-economic and environmental)	Yes	Prevent loss of Western Heights and Dover Town conservation areas to erosion, but natural coastal processes take precedence over the protection of landward habitats	National	Medium	No	No	3A	Y	Conservation area will be maintained	Y	Conservation area will be maintained	N	Conservation area under attack (a more naturally functioning coast)	Y	Conservation area will be maintained	N	Conservation areas lost due to a more naturally functioning coast	Y	Conservation area will be maintained
Western Heights LNR and SNCI	Threat of erosion of the chalk grasslands	Yes	Maintain existing habitats	Sub-regional	Medium	No	Yes	4E	Y	Not affected due to defence works	Y	Not affected due to defence works	Y	Not affected due to defence works	Y	Not affected due to defence works	P	Erosion reactivated	Y	Not affected due to defence works
Langden Bay	Middle bronze	Yes	Prevent loss of	National	High	No	No	2A	Y	Defences will continue to	Y	Defences will	Y	Defences will continue to	Y	Defences will	P	Some erosion may be	Y	Defences will

G3.2 LOCATION: DOVER (INCLUDES HARBOUR)									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Defences start to fail		Seawall, groynes, port structures		Defences fail		Seawall, groynes, port structures		No defences		Seawall, groynes, port structures	
(below the cliff)	age wreck		maritime archaeology sites in Langdon Bay to erosion							prevent erosion		continue to prevent erosion		prevent erosion		continue to prevent erosion		experienced		continue to prevent erosion
Beach foreshore	Potential health and safety hazard caused if defences are maintained (technical)	No																		
Dover Harbour	Potential for Port Development of the western side of the port	Yes							N	Unjustified development	Y	Development potential maintained	N	Unjustified development	Y	Development potential maintained	N	Unjustified development	Y	Development potential maintained
Scheduled Ancient Monuments	Potential threat to monument from flooding and erosion	Yes	Prevent damage to/ loss of due to flooding and erosion	National	High	No	No	2A	Y	SAM's maintained	Y	SAM's maintained	N	SAM's at risk to flood and erosion	Y	SAM's maintained	N	SAM's lost to flooding and erosion	Y	SAM's maintained
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 - 4A	Y	SMR's maintained	Y	SMR's maintained	N	SMR's at risk from floods and erosion	Y	SMR's maintained	N	SMR's lost to flooding and erosion	Y	SMR's maintained
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	High benefits	Y	No costs	Y	High benefits	Y	No costs	Y	High benefits
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Natural coastal processes	P	Alongshore coastal processes affected	Y	Natural coastal processes	P	Alongshore coastal processes affected	Y	Natural coastal processes	P	Alongshore coastal processes affected
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Instigation of coastal landscape	N	Landscape affected	Y	Habitat creation	N	Landscape affected	Y	Habitat biodiversity	N	Landscape affected

G3.3 LOCATION: SHAKESPEARE CLIFFS									0-20 (up to 2025)		20-50 (up to 2055)		50-100 (up to 2105)						
									NAI		NAI		NAI			HOLD			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	No defences		No defences		No defences			Cliff stabilisation works			
Cliff/shore geology	Continual erosion of cliffs necessary to maintain a clear face for geological study	Yes	Continued erosion of cliffs to maintain exposures	National	High	No	No	2E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	N	Cliff erosion will be reduced			
Aylcliff amenities	Cliffs retreat threatens backing assets	Yes	Prevent loss of allotments to erosion	Local	Low	No	Yes	5R	P	Some allotments / land may be lost due to cliff erosion	Y	Some allotments / land may be lost due to cliff erosion	Y	Allotments / land will be lost due to cliff erosion	Y	Cliff erosion will be reduced and land maintained			
A20 road	Potential loss through cliff erosion	Yes	Maintain major communication link between Dover and Folkestone	Regional	High	No	Yes	3I	Y	Links maintained	P	Links become unsafe	P	Links become unsafe	Y	Links maintained			
Folkestone to Dover Railway line	The railway runs through the cliffs and are at long term risk from erosion	Yes	Maintain major communication rail link	National	Medium	No	No	2I	Y	Links maintained	P	Links become unsafe	P	Links become unsafe	Y	Links maintained			
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 – 4A	Y	Monuments maintained	P	Some monuments may be at risk from loss (erosion)	P	Some monuments are at risk from loss (erosion)	Y	Monuments maintained			
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs		Y	No costs		Y	No costs		P	Reduced losses but significant costs
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Feed of sediment maintained		Y	Feed of sediment maintained		Y	Feed of sediment maintained		P	Feed restricted
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Coastal landscape maintained		Y	Coastal landscape maintained		Y	Coastal landscape maintained		N	Landscape affected

G3.4 LOCATION: SAMPHIRE HOE									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)									
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD							
									Defences remain	Seawall	Defences start to fail	Seawall	Defences fail	Seawall												
Habitats	Reclaimed area is at risk from erosion	Yes	Maintain existing habitats	Local	Low	Yes	Yes	5E	N	Existing habitats lost, natural habitat gained	Y	Artificial habitat maintained	N	Existing habitats lost, natural habitat gained	Y	Artificial habitat maintained	N	Existing habitats lost, natural habitat gained	Y	Artificial habitat maintained						
Amenity features	Reclaimed area is at risk from erosion	Yes	Maintain recreational facility	Regional	High	No	Yes	2R	Y	Amenity facility will be maintained	Y	Amenity facility will be maintained	N	Amenity facility will start to come under attack	Y	Amenity facility will be maintained	N	Amenity facility lost	Y	Amenity facility will be maintained						
Channel Tunnel infrastructure	Site is at risk from erosion	Yes	Maintain services to Channel Tunnel	International	High	No	Yes	1I	Y	Infrastructure maintained	Y	Infrastructure maintained	P	Links become unsafe / lost	Y	Infrastructure maintained	N	Infrastructure lost	Y	Infrastructure maintained						
Landscape quality	The way in which the coastline is managed may have an adverse effect on the landscape	Yes	Maintain landscape quality of Folkestone to Dover coast	National	High	No	No	1L	Y	Current (artificial) habitat maintained	P	Artificial habitat maintained	Y	Existing habitat starts to decline, replaced with indigenous habitat	P	Artificial habitat maintained	Y	Existing habitats lost, natural habitat gained	P	Artificial habitat maintained						
Cliffs	Continual erosion of cliffs necessary to maintain a clear face for geological study	Yes	Continued erosion of cliffs to maintain exposures	National	High	No	No	2E	Y	Maintained through cliff erosion	N	Cliff erosion interrupted by the presence of defences	Y	Maintained through cliff erosion	N	Cliff erosion interrupted by the presence of defences	Y	Maintained through cliff erosion	N	Cliff erosion interrupted by the presence of defences						
Folkestone to Dover Railway line	The railway runs through/at the toe of the cliffs and is at long term risk from erosion	Yes	Maintain major communication rail link	National	Medium	No	No	2I	Y	Links maintained	Y	Infrastructure maintained	P	Links become vulnerable / lost	Y	Infrastructure maintained	N	Infrastructure lost	Y	Infrastructure maintained						
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs		Y	High benefits		Y	No costs		Y	High benefits		Y	No costs		Y	High benefits	
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Natural coastal processes		P	Alongshore coastal processes affected slightly		Y	Natural coastal processes		P	Alongshore coastal processes affected slightly		Y	Natural coastal processes		P	Alongshore coastal processes affected slightly	
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						N	Existing habitats lost		P	Existing biodiversity maintained		P	New habitats instigated		P	Existing biodiversity maintained		Y	Coastal / cliff landscape maintained		P	Existing biodiversity maintained	

G3.5 LOCATION: ABBOTS CLIFF									0-20 (up to 2025)		20-50 (up to 2055)		50-100 (up to 2105)						
									NAI		NAI		NAI		HOLD				
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	No defences		No defences		No defences		Cliff stabilisation works				
Cliffs/shore geology	Continual erosion of cliffs necessary to maintain a clear face for geological study	Yes	Continued erosion of cliffs to maintain exposures	National	High	No	No	2E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	P	Processes restrained slightly			
Landscape quality	The way in which the coastline is managed may have an adverse effect on the landscape	Yes	Maintain landscape quality of Folkestone to Dover coast	National	High	No	No	1L	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	N	Affects coastal landscape			
Folkestone to Dover Railway line	The railway runs through the cliffs and is at long term risk from erosion	Yes	Maintain major communication rail link	National	Medium	No	No	2I	Y	No loss	Y	No loss	P	Infrastructure links may become unsafe	Y	No loss			
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 – 4A	Y	No loss	Y	No loss	N	Some loss may be experienced	Y	No loss			
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs		Y	No costs		Y	No costs		P	Reduced losses but significant costs
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Feed of sediment maintained		Y	Feed of sediment maintained		Y	Feed of sediment maintained		P	Feed restricted
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Coastal landscape maintained		Y	Coastal landscape maintained		Y	Coastal landscape maintained		N	Landscape affected

G3.6 LOCATION: FOLKESTONE WARREN									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)					
Feature	Issue	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		REALIGN		HOLD	
									Defences start to fail	Cliff stabilisation works	No defences	Cliff stabilisation works	No defences	Cliff stabilisation works	Slope stabilisation measures	Cliff stabilisation works						
Folkestone to Dover Railway line	The railway runs below Folkestone Warren. The cliffs are a major active slip zone. There is an ever-present risk of closure of the railway following another major slip	Yes	Maintain major communication rail link	National	Medium	No	No	2I	N	Links become unsafe	Y	No loss	N	Infrastructure lost, natural processes re-activated	Y	No loss	N	Infrastructure lost, natural processes and natural landscape	N	Infrastructure lost / realigned	Y	No loss
Folkestone Warren SSSI	Continued instability required to maintain conservation importance	Yes	Maintain existing habitats or work towards a more naturally functioning coast	National	High	No	No	2E	Y	Maintained through cliff erosion	P	Current habitat maintained	Y	Maintained through cliff erosion	P	Current habitat maintained	Y	Maintained through cliff erosion	P	Potential for an increase in biodiversity	P	Current habitat maintained
B2011 & Old Dover Road	Potential loss through cliff erosion	Yes	Maintain local communication link	Local	Medium	Yes	Yes	6I	N	Links become unsafe	Y	No loss	N		Y	No loss	N	Infrastructure lost	P		Y	No loss
Capel-le-Ferne houses	Potential loss of housing through erosion	Yes	Prevent loss of residential properties at Capel-le-Ferne to erosion	Local	Medium	No	Yes	4H	N	Properties at risk from erosion	Y	No loss	N	Properties at risk from erosion	Y	No loss	N	Properties at risk from erosion	P	Properties at risk from erosion	Y	No loss
East Wear Bay	Archaeological artefacts found	Yes	Prevent loss of maritime archaeology sites at East Wear Bay to erosion	Regional	Low	No	No	5A	Y	Implementation does not affect the archaeology	Y	Implementation does not affect the archaeology	Y	Implementation does not affect the archaeology	Y	Implementation does not affect the archaeology	Y	Implementation does not affect the archaeology	Y	Implementation does not affect the archaeology	Y	Implementation does not affect the archaeology
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 - 4A	N	No substantial loss experienced	Y	No loss experienced	N	Some loss may be experienced	Y	No loss experienced	N	Some loss may be experienced	P	Some loss is expected	Y	No loss experienced
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	P	Reduced losses but significant costs	Y	No costs	P	Reduced losses but significant costs	Y	No costs	P	Reduced losses but significant costs	P	Reduced losses but significant costs
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Feed of sediment maintained	P	Feed restricted	Y	Feed of sediment maintained	P	Feed restricted	Y	Feed of sediment maintained	P	Feed restricted	P	Feed restricted
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Coastal landscape maintained	N	Landscape affected	Y	Coastal landscape maintained	N	Landscape affected	Y	Coastal landscape maintained	N	Landscape affected	N	Landscape affected

G3.7 LOCATION: COPT POINT									0-20 (up to 2025)		20-50 (up to 2055)		50-100 (up to 2105)						
									NAI		NAI		NAI		HOLD				
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	No defences		No defences		No defences		Bund?				
East Cliff Housing	Potential loss of housing through erosion of the East Cliff	Yes	Prevent loss of residential properties at East Cliff to erosion	sub-regional	Medium	No	Yes	3H	Y	No housing loss	Y	No housing loss	P	Some properties may be at risk from erosion	Y	No housing loss			
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain services to properties in Folkestone East Cliff	Local	Medium	Yes	Yes	5I	Y	No loss	Y	No loss	P	Links become vulnerable	Y	Link maintained			
Copt Point submarine shelf	Continued erosion of backing cliffs to maintain sediment supply to shelf	Yes	Maintain existing habitats	Local	Low	Yes	No	5R	Y	Erosion will continue to supply sediment to the shelf	Y	Erosion will continue to supply sediment to the shelf	Y	Erosion will continue to supply sediment to the shelf	N	Construction of any defence structure will impede on erosion of the cliffs which will affect supply to the shelf			
Recreational open space	Potential loss of part of area through erosion	Yes	Prevent loss of amenity area	Local	Low	No	Yes	4R	Y	No risk of recreational loss	P	There may be some risk of loss (due to cliff erosion)	P	There may be some risk of loss (due to cliff erosion)	Y	No risk of recreational loss			
International Power Cable	Potentially at risk from damage from erosion	Yes	Prevent loss of Power Cable landfall to erosion	International	High	No	Yes	1I	N	No risk of loss	P	There may be some risk of loss (due to cliff erosion)	P	There may be some risk of loss (due to cliff erosion)	Y	No risk of loss			
Scheduled Ancient Monuments	Potential threat to monument from flooding and erosion	Yes	Prevent loss of monuments to erosion	National	High	No	No	2A	Y	No risk of loss	Y	No risk of loss	P	There may be some risk of loss (due to cliff erosion)	Y	No risk of loss			
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 – 4A	Y	No risk of loss	Y	No risk of loss	P	There may be some risk of loss (due to cliff erosion)	Y	No risk of loss			
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs		Y	No costs		Y	No costs		P	Reduced losses but significant costs
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Feed of sediment maintained		Y	Feed of sediment maintained		Y	Feed of sediment maintained		P	Feed restricted
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Coastal landscape maintained		Y	Coastal landscape maintained		Y	Coastal landscape maintained		N	Landscape affected



G3.8 LOCATION: FOLKESTONE (INCLUDING THE HARBOUR)									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Defences start to fail		Seawall, groynes, recharge		No defences		Seawall, groynes, recharge		No defences		Seawall, groynes, recharge	
Housing and community facilities	Potential loss of housing within the town through flooding and erosion	Yes	Prevent damage to/loss of residential properties at Folkestone due to flooding and erosion	National	Medium	No	Yes	1/2H	N	At risk from overtopping	Y	No loss of housing / community facilities	N	Properties at risk from erosion and flooding	Y	No loss of housing / community facilities	N	Properties eroded and flooded	Y	No loss of housing / community facilities
Commercial Property	Potential loss of business through flooding	Yes	Prevent damage to/ loss of commercial properties at Folkestone due to flooding or erosion	Regional	High	No	Yes	2H	N	At risk from overtopping	Y	No loss of commercial properties	N	Properties at risk from erosion and flooding	Y	No loss of commercial properties	N	Properties flooded and eroded	Y	No loss of commercial properties
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain services to properties in Folkestone	Local	Medium	Yes	Yes	5I	N	At risk from overtopping	Y	No loss of infrastructure	N	Sections of infrastructure at risk from flooding and erosion	Y	No loss of infrastructure	N	Infrastructure flooded and eroded	Y	No loss of infrastructure
Beach launched fishing fleet	The way in which the coastline is managed may have an adverse effect on the feasibility of launching vessels from the beach	Yes	Maintain fishery interests in the Folkestone region	Local	Medium	No	Yes	5C	N	Fishery interests may be at risk due to defences failing	Y	Fishery interests maintained	N	Fishery interests at risk due to defences failing	Y	Fishery interests maintained	N	Difficulty launching vessels due to a denuded beach	P	Increasingly difficult to maintain fishery interests due to a denuded beach
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain communication links within Folkestone	Sub-regional	Medium	Yes	Yes	4I	N	At risk from overtopping	Y	No loss of infrastructure	N	Sections of infrastructure at risk from flooding and erosion	Y	No loss of infrastructure	N	Infrastructure flooded and eroded	Y	No loss of infrastructure
Folkestone Harbour	Commercial operations in the harbour are at risk from erosion if the pier/harbour walls fail	Yes	Maintain Folkestone Harbour as a viable commercial facility	National	High	No	Yes	2I	Y	Commercial viability maintained	Y	Commercial viability maintained	N	Commercial viability lost due to defence failure	Y	Commercial viability maintained	N	Commercial viability lost due to defence failure	Y	Commercial viability maintained
Beach and foreshore	The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain a beach suitable for recreational feature of the town.	Sub-regional	Medium	Yes	Yes	3R	N	Eroding defence structures will be a hazard on the tourist amenity	Y	An amenity beach, similar to present, will be maintained	N	As the defences fail the beach will denude	Y	A artificial beach will remain	N	A small beach will be present	P	Increasingly difficult to maintain a beach of tourist value
Caravan and camping sites	Potential loss or damage to the site through erosion (socio-economic)	Yes	Part of local tourism economy. Represents considerable investment on part of site owners.	Regional	High	No	No	2C	Y	Due to the residual life of the defence structures it is unlikely that the caravan and camping site will be affected during this epoch.	Y	The defence structures will protect the caravan and camping site	P	The defence structures should remain for some of this epoch, however once they fail the site could be at risk	Y	The defence structures will protect the caravan and camping site	N	The camping and caravan site will be at risk from / lost to flooding.	Y	The defence structures will protect the caravan and camping site
Leisure Park and Fun Fair	The fun fair sits below the cliffs at beach level. It is at risk from erosion and flooding	Yes	Prevent damage to/loss of recreational facilities at Folkestone due to erosion /flooding	Sub-regional	Medium	No	Yes	3R	N	Eroding defence structures will affect the tourist amenity	Y	Recreational facilities maintained	N	Defence failure will induce flooding and erosion. The fair and park will come under attack	Y	Recreational facilities maintained	N	The fair and park will be lost to flooding and erosion	p	May be at risk due to sea level rise and falling beach levels
Folkestone Harbour	Recreational facilities in the harbour are at risk from erosion if the pier/harbour walls fail	Yes	Prevent loss of recreational facilities at Folkestone Harbour to erosion	Regional	Low	No	Yes	3R	Y	The harbour arms and the recreational facilities will remain	Y	Recreational facilities maintained	N	With the failure of the harbour arms the recreational facility will be lost	Y	Recreational facilities maintained	N	No recreational facilities	Y	Recreational facilities maintained
Mill Point reef	The way in which the coast	Yes	Maintain existing habitats	Local	Low	Yes	Yes	5E	Y	No adverse impact on the reef	Y	No adverse impact on the reef	Y	No adverse impact on the reef	Y	No adverse impact on the reef	Y	No adverse impact on the reef	Y	No adverse impact on the reef

G3.8 LOCATION: FOLKESTONE (INCLUDING THE HARBOUR)									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)				
									NAI		HOLD		NAI		HOLD		NAI		HOLD		
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Defences start to fail		Seawall, groynes, recharge reef		No defences		Seawall, groynes, recharge reef		No defences		Seawall, groynes, recharge reef		
	is managed may impact upon the environmental value of the reef																				
Folkestone Conservation Area	Town Centre and Seafront Conservation Area threatened by erosion (socio-economic and environmental)	Yes	Prevent loss of Folkestone conservation areas to erosion	National	Medium	No	No	3A	P	The seafront will be at risk from overtopping	Y	The conservation areas will be maintained	N	The conservation areas will come under attack from flooding and erosion	Y	The conservation areas will be maintained	N	The conservation areas will be flooded and eroded	Y	The conservation areas will be maintained	
Inshore fishing grounds	Potential impact on inshore crab and lobster fishing grounds	No																			
Beach and foreshore	Potential health and safety hazard caused if defences are not maintained (technical)	No																			
Agricultural land	Potential loss of land through erosion	Yes	Prevent loss of farmland to erosion	Sub-regional	Low	Yes	Yes	5C	Y	The defences will continue to prevent erosion and flooding	Y	The defences will continue to prevent erosion and flooding	N	With defence failure there will be some loss of land	Y	The defences will continue to prevent erosion and flooding	N	With no defences the loss of land will increase	Y	The defences will continue to prevent erosion and flooding	
Sea Outfall	Possible impact on the operation of long sea outfalls	Yes	Maintain sea outfall	Local	Low	Yes	Yes	6I	N	The integrity of the outfall would start to become threatened	Y	The sea outfall would be maintained	N	The sea outfall would be lost	Y	The sea outfall would be maintained	N	The sea outfall would be lost	Y	The sea outfall would be maintained	
North Downs SLA	Threat to recreational and landscape value from cliff top retreat	Yes	Maintain landscape quality of North Downs SLA	Sub-regional	Medium	No	No	2L	Y	Maintained through cliff erosion	N	Prevented due to the presence of defences	Y	Maintained through cliff erosion	N	Prevented due to the presence of defences	Y	Maintained through cliff erosion	N	Prevented due to the presence of defences	
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 - 4A	Y	The defences will continue to prevent erosion and flooding	Y	Archaeological and heritage features maintained	N	The archaeological and heritage features will experience flooding and erosion	Y	Archaeological and heritage features maintained	N	Archaeological and heritage features will be lost to flooding and erosion	Y	Archaeological and heritage features maintained	
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	High benefits	Y	No costs	Y	High benefits	Y	No costs	Y	High benefits	
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Naturally functioning coastline	Y	Alongshore coastal processes affected slightly	Y	Naturally functioning coastline	Y	Alongshore coastal processes affected slightly	Y	Naturally functioning coastline	Y	Alongshore coastal processes affected slightly	
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Increase shoreline habitat quality	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained	

G3.9 LOCATION: SANDGATE TO HYTHE									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Defences start to fail	Seawall and groynes	No defences	Seawall and groynes	No defences	Seawall and groynes	No defences	Seawall and groynes				
Housing and community facilities	Flood damage to properties in the short term, property loss in the long term	Yes	Prevent damage to/loss of residential properties due to flooding	Sub-regional	High	No	Yes	2H	N	Properties at risk from overtopping	Y	No damage to properties	N	Properties lost due to flooding and erosion	Y	No damage to properties	N	Properties lost due to flooding and erosion	Y	No damage to properties
Commercial Property	Potential loss of business through flooding	Yes	Prevent damage to/loss of commercial properties due to flooding	Regional	High	No	Yes	2C	N	Properties at risk from overtopping	Y	No damage to properties	N	Properties lost due to flooding and erosion	Y	No damage to properties	N	Properties lost due to flooding and erosion	Y	No damage to properties
Fishing Activities	Inappropriate coast protection works could affect the fishing grounds in this area and also the fishing boat launching facilities at Fisherman's Beach	Yes	Maintain fishery launching facilities in the Hythe area	Local	Medium	No	Yes	3C	N	Natural functioning coast, launching sites at risk	Y	launching sites maintained but inappropriate coastal protection works might be introduced	N	Natural functioning coast, launching sites at risk	Y	launching sites maintained but inappropriate coastal protection works might be introduced	N	Natural functioning coast, launching sites at risk	Y	launching sites maintained but inappropriate coastal protection works might be introduced
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain services to properties	Sub-regional	Medium	Yes	Yes	4I	N	At risk from overtopping	Y	Infrastructure will be maintained	N	Sections of the infrastructure will be lost due to flooding and erosion	Y	Infrastructure will be maintained	N	Infrastructure will be lost due to flooding and erosion	Y	Infrastructure will be maintained
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain communication links	Sub-regional	Medium	Yes	Yes	4I	N	At risk from overtopping	Y	Infrastructure will be maintained	N	Sections of the infrastructure will be lost due to flooding and erosion	Y	Infrastructure will be maintained	N	Infrastructure will be lost due to flooding and erosion	Y	Infrastructure will be maintained
Beach, foreshore and promenade	The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain a beach suitable for recreational purposes	Sub-regional	Low	No	Yes	4R	N	Failure of defences will destroy tourism but the coast will start to function more naturally	Y	The beach will be similar to what it currently is	N	The beach will deplete in volume and affect tourism	Y	A beach will be present	N	The beach will continue to deplete in volume and affect tourism	N	It will become increasingly difficult to maintain a tourist beach
Hythe and Saltwood Sailing Club	Potential loss of access to beach through deterioration of the sea defence wall or management measures	Yes	Prevent loss of recreational facilities at Hythe to erosion	Local	Medium	No	Yes	4R	N	The beach will start to denude and affect the recreational facility	Y	The recreational value will be maintained	N	The beach will continue to denude and affect the recreational facility	Y	It will start to become difficult to maintain he recreational value	N	The beach will continue to denude and affect the recreational facility	N	The beach will denude and may require additional engineering
Imperial Golf Club and Hotel	Potential loss of recreational facility through flooding	Yes	Prevent loss of golf course and hotel to erosion	Sub-regional	Low	No	No	4R	N	Integrity of golf course and hotel at threat due to flooding	Y	Golf course and hotel maintained	N	Golf course / hotel flooded and erosion commences	Y	Golf course and hotel maintained	N	Golf course / hotel flooded and erosion commences	Y	Golf course and hotel maintained
Sandgate Escarpment LLA and Seabrook Stream and Shore cliff SSCI	A breach of the defences would lead to extensive erosion threatening the designated landscape	Yes	Maintain and / or improve existing habitats (i.e. a naturally functioning coast, would need available land to migrate freshwater and inland habitats inland).	Sub-regional	Medium	No	Yes	4E	N	Naturally functioning coastline, habitat compensation	Y	The existing (artificial) habitat would be maintained	N	Naturally functioning coastline, habitat compensation	Y	The existing (artificial) habitat would be maintained	N	Naturally functioning coastline, habitat compensation	Y	The existing (artificial) habitat would be maintained
Hythe Conservation Area	Town Centre and Seafrost Conservation Area threatened by flooding and erosion	Yes	Prevent loss of Hythe conservation areas to erosion	National	Medium	No	No	3A	N	The conservation area would come under flood and erosive attack	Y	The conservation area would be maintained	N	Sections of the conservation area will be lost due to flooding and erosion	Y	The conservation area would be maintained	N	The conservation area will be lost to floods and erosion	Y	The conservation area would be maintained
Royal Military Canal	A breach of the defences would lead to flooding of the Canal	Yes	The Hythe Royal Military Canal was built between 1804	National	High	No	No	2G	P	The Canal may be at risk from overtopping events	Y	The conservation / heritage of the canal would be	N	The Canal would be inundated with sea water and the entire feature could be lost due to coastal	Y	The conservation / heritage of the canal would be	N	If the Canal feature remained, it would be completely submerged by saline water		The conservation / heritage of the canal would be

G3.9 LOCATION: SANDGATE TO HYTHE									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Defences start to fail		Seawall and groynes		No defences		Seawall and groynes		No defences		Seawall and groynes	
	(environmental)		and 1809 and is a Scheduled Ancient Monument								maintained		erosion		maintained					maintained
Marshlands, Willop and Redoubt sluices	Potential risk of saline inundation if defences or Marshland and Willop sluices fail.	Yes	Prevent loss of drainage infrastructure	Local community and individual farmers	Medium	Yes	Yes	5I	N	The integrity of the sluices will be threatened	Y	The sluices will be maintained	N	The sluices will fail	Y	The sluices will be maintained	N	The sluices will be lost and saline inundation will result	Y	The sluices will be maintained
Beach, foreshore and promenade	Potential health and safety hazard caused if are not maintained (technical)	No																		
Romney, Hythe and Dymchurch Light Railway	The route, particularly the tunnel under Littlestone Road, is at risk from flooding	Yes	Prevent damage to/ loss of tourist facility (Light Railway) due to flooding	Regional	High	No	Yes	2C	N	Tourism facility threatened due to flooding	Y	Tourism facility maintained	N	Tourism facility lost due to flooding and erosion	Y	Tourism facility maintained	N	Tourism facility lost due to flooding and erosion	Y	Tourism facility maintained
Scheduled Ancient Monuments	Potential threat to monument from flooding and erosion	Yes	Prevent damage to/ loss of due to flooding and erosion	National	High	No	No	2A	N	Monuments at risk from flood damage	Y	Monuments maintained	N	Some monuments will be lost due to floods and erosion	Y	Monuments maintained	N	More monuments will be lost due to floods and erosion	Y	Monuments maintained
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 - 4A	N	Monuments at risk from flood damage	Y	Monuments maintained	N	Some monuments will be lost due to floods and erosion	Y	Monuments maintained	N	More monuments will be lost due to floods and erosion	Y	Monuments maintained
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	High benefits	Y	No costs	Y	High benefits	Y	No costs	Y	High benefits
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Naturally functioning coastline	Y	Alongshore coastal processes affected slightly	Y	Naturally functioning coastline	Y	Alongshore coastal processes affected slightly	Y	Naturally functioning coastline	Y	Alongshore coastal processes affected slightly
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Increase shoreline habitat quality	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained

G3.10 LOCATION: HYTHE RANGES									0-20 (up to 2025)						20-50 (up to 2055)						50-100 (up to 2105)					
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	0-20 (up to 2025)			20-50 (up to 2055)			50-100 (up to 2105)											
									NAI	REALIGN	HOLD	NAI	REALIGN	HOLD	NAI	REALIGN	HOLD									
									Groynes Fail	Secondary defences	Wall and groynes	No defences	Secondary defences	Wall and groynes	No defences	Secondary defences	Wall and groynes									
Hythe Ranges	Potential risk to range from flooding and erosion	Yes	Prevent damage to/ loss of national defence site at Hythe due to flooding or erosion and vehicles movements on shingle or development associated with new coast defences	National	High	No	Yes	2I	N	CPTA lost due to development of the marsh	N	Some of the CPTA lost due to development of the marsh	Y	CPTA maintained	N	CPTA lost due to development of the marsh	N	Some of the CPTA lost due to development of the marsh	Y	CPTA maintained	N	CPTA lost due to development of the marsh	N	CPTA lost due to development of the marsh	Y	CPTA maintained
Hythe Ranges SNCI	A breach of the shingle ridge would lead to extensive flooding of low-lying marshes potentially damaging the current landscape value	Yes	Maintain and / or improve existing habitats (naturally functioning coastline)	Sub-regional	Medium	No	Yes	4E	Y	Naturally functioning coastline, freshwater habitat lost, compensation	P	Semi-natural functioning coastline, freshwater habitat lost, compensation	P	Existing biodiversity maintained	Y	Naturally functioning coastline, freshwater habitat lost, compensation	P	Semi-natural functioning coastline, freshwater habitat lost, compensation	P	Existing biodiversity maintained	Y	Naturally functioning coastline, freshwater habitat lost, compensation	P	Semi-natural functioning coastline, freshwater habitat lost, compensation	P	Existing biodiversity maintained
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	N	Assets not protected, cost unjustified	Y	High benefits	Y	No costs	N	Assets not protected, cost unjustified	Y	High benefits	Y	No costs	N	Assets not protected, cost unjustified	Y	High benefits
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Naturally functioning coastline	P	A more naturally functioning coastline	Y	Alongshore coastal processes affected slightly	Y	Naturally functioning coastline	P	A more naturally functioning coastline	Y	Alongshore coastal processes affected slightly	Y	Naturally functioning coastline	P	A more naturally functioning coastline	Y	Alongshore coastal processes affected slightly
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Increase shoreline habitat quality	Y	Potential for shoreline biodiversity to increase	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	Y	Potential for shoreline biodiversity to increase	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Further biodiversity development restricted	P	Existing biodiversity maintained

G3.11 LOCATION: HYTHE RANGES TO ROMNEY SANDS									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Failure of defences	Wall and groynes	No defences	Wall and groynes	No defences	Wall and groynes	No defences	Wall and groynes				
Housing	Flood damage to properties in the short term, property loss in the long term (socio-economic)	Yes	Prevent loss of homes, anxiety and stress to owners / occupiers facing loss. Devaluation of neighbouring property.. Clear up costs, village community damaged.	Sub-regional	High	No	Yes	2H	P	Properties may be at risk from overtopping events	Y	Properties would be protected / maintained	N	Properties lost to flood inundation of the Dungeness Foreland	Y	Properties would be protected / maintained	N	No properties due to flood inundation and saline occupation of the hinterland.	Y	Properties would be protected / maintained
Commercial Property	Potential loss of business through flooding (socio-economic)	Yes	Prevent loss of recreational and tourism. Businesses support local economy and provide facilities for local community and visitors.	Regional	High	No	Yes	2C	P	Properties may be at risk from overtopping events	Y	Properties would be protected / maintained	N	Properties lost to flood inundation of the Dungeness Foreland	Y	Properties would be protected / maintained	N	No properties due to flood inundation and saline occupation of the hinterland.	Y	Properties would be protected / maintained
New Beach Holiday Village, Dymchurch	Potential loss or damage to the site through erosion	Yes	Prevent loss of tourist accommodation in Dymchurch to erosion	Regional	High	No	Yes	2C	N	The holiday village would be at risk from flooding	Y	Holiday village would be maintained	N	The holiday village would be at risk from flooding and erosion and lost	Y	Holiday village would be maintained	N	The holiday village would be destroyed	Y	Holiday village would be maintained
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain services to properties	Sub-regional	Medium	Yes	Yes	4I	N	The infrastructure would be flooded and provision interrupted	Y	Infrastructure would be maintained	N	Infrastructure would be lost due to flooding and erosion	Y	Infrastructure would be maintained	N	No infrastructure	Y	Infrastructure would be maintained
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain communication links	Sub-regional	Medium	Yes	Yes	4I	N	The infrastructure would be flooded and provision interrupted	Y	Infrastructure would be maintained	N	Infrastructure would be lost due to flooding and erosion	Y	Infrastructure would be maintained	N	No infrastructure	Y	Infrastructure would be maintained
Marshlands, Willop and Redoubt sluices	Potential risk of saline inundation if defences or Marshland and Willop sluices fail. (socio-economic)	Yes	Maintain arable and grazing land	Local	Medium	Yes	Yes	5I	Y	It is unlikely that the sluices will be affected or will fail during this epoch. Their operation may, however, increase if an overtopping event were to occur	Y	The sluices will continue to operate	N	Inundation of the hinterland and a lack of sluice maintenance will result in failure	Y	The sluices will continue to operate	N	Inundation of the hinterland and a lack of sluice maintenance will result in failure	Y	The sluices will continue to operate
Outfalls and pumping stations	Possible impact on the operation of long fall sea outfalls and pumping stations from continual erosion	Yes	Maintain drainage outfalls and pumping stations	Local	Medium	Yes	No	4I	N	Integrity of the outfall and pumping station would be threatened	Y	Outfall and pumping station would be maintained	N	Outfall and pumping station / service would be lost to flooding and erosion	Y	Outfall and pumping station would be maintained	N	Outfall and pumping station / service would be lost to flooding and erosion	Y	Outfall and pumping station would be maintained
Access to the beach	Potential loss of access to beach through deterioration of the sea defence wall or management measures	Yes	Maintain an access to beach	Local	Low	Yes	Yes	6I	N	Access would be restricted	Y	Access would be maintained	N	No access	Y	Access would be maintained	N	No access	Y	Access would be maintained
Littlestone lifeboat	The way the coastline is managed is crucial for the operational efficiency of the lifeboat	Yes	Maintain Lifeboat Station at Littlestone	International	Medium	No	No	2I	N	Life boat station and operation would be risk	Y	Life boat station would be maintained	N	Life boat station and operation would be lost	Y	Life boat station would be maintained	N	Life boat station and operation would be lost	Y	Life boat station would be maintained
Beach and foreshore	The way in which the coastline is managed may have an adverse	Yes	Maintain a beach suitable for recreational purposes	Sub-regional	Low	No	Yes	4R	Y	Naturally functioning coastline	Y		Y	Naturally functioning coastline	P		P	Naturally functioning coastline	N	

G3.11 LOCATION: HYTHE RANGES TO ROMNEY SANDS									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Failure of defences		Wall and groynes		No defences		Wall and groynes		No defences		Wall and groynes	
	effect on the amenity value of the beach																			
Varne Boat Club	Potential loss of access to beach through deterioration of the sea defence wall or management measures	Yes	Maintain launch sites in the Romney area	Local	Medium	No	No	4R	N	The boat club would be lost	Y	The boat club would be maintained	N	The boat club would be lost	Y	The boat club would be maintained	N	The boat club would be lost	Y	The boat club would be maintained
Littlestone Golf Club and Romney Warren Golf Club	Potential loss of recreational facility through flooding	Yes	Prevent loss of golf course to erosion	Sub-regional	Low	No	Yes	4R	N	Golf course would be lost	Y	Golf club maintained	N	Golf course would be lost	Y	Golf club maintained	N	Golf course would be lost	Y	Golf club maintained
Royal Military Canal	A breach of the shingle ridge would lead to flooding of the Canal	Yes	Prevent damage to/loss of Royal Military Canal due to flooding	National	High	No	No	2A	N	The integrity of the RMC would be threatened	Y	RMC would be maintained	N	The RMC would be flooded	Y	RMC would be maintained	N	The RMC would be flooded	Y	RMC would be maintained
Littlestone on Sea, Conservation Area	Seafont Conservation Area threatened by flooding and erosion (socio-economic and environmental)	Yes	Prevent loss of Littlestone conservation areas to erosion	National	Medium	No	No	3A	N	Conservation area lost, Inundation of the marsh	Y	Conservation area preserved	N	Conservation area lost, Inundation of the marsh	Y	Conservation area preserved	N	Conservation area lost, Inundation of the marsh	Y	Conservation area preserved
Dymchurch Conservation Area	Seafont Conservation Area threatened by flooding and erosion (socio-economic and environmental)	Yes	Prevent loss of Dymchurch conservation areas to erosion	National	Medium	No	No	3A	N	Conservation area lost, Inundation of the marsh	Y	Conservation area preserved	N	Conservation area lost, Inundation of the marsh	Y	Conservation area preserved	N	Conservation area lost, Inundation of the marsh	Y	Conservation area preserved
Beach and foreshore	Potential health and safety hazard caused if defences are not maintained (technical)	No																		
Fishing and nursery grounds	Potential impacts of construction or maintenance works on fisheries	No																		
Scheduled Ancient Monuments	Potential threat to monument from flooding and erosion	Yes	Prevent damage to/ loss of due to flooding and erosion	National	High	No	No	2A	N	Some monuments lost	Y	Monuments maintained	N	Monuments lost due to flooding and erosion	Y	Monuments maintained	N	Monuments lost due to flooding and erosion	Y	Monuments maintained
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 - 4A	N	Some monuments lost	Y	Monuments maintained	N	Monuments lost due to flooding and erosion	Y	Monuments maintained	N	Monuments lost due to flooding and erosion	Y	Monuments maintained
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	High benefits	Y	No costs	Y	High benefits	Y	No costs	Y	High benefits
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Naturally functioning coastline	Y	Alongshore coastal processes affected slightly	Y	Naturally functioning coastline	Y	Alongshore coastal processes affected slightly	Y	Naturally functioning coastline	Y	Alongshore coastal processes affected slightly
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						N	Loss of beach	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained



G3.12 LOCATION: ROMNEY SANDS TO DUNGENESS									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline				
Housing and community facilities	Potential loss of housing within the villages through flooding	Yes	Prevent damage to/loss of residential properties due to flooding	Local	High	No	Yes	3H	Y	No housing lost	Y	No housing lost	Y	No housing lost	Y	No housing lost	P	Some housing may be at risk from overtopping / flooding	Y	No housing lost
Dungeness Life Boat station	With a beach launching facility for the lifeboat the way the coastline is managed is crucial for the operational efficiency of the lifeboat	Yes	Maintain Lifeboat Station at Dungeness	International	Medium	No	Yes	2I	Y	Life boat station / operation maintained	Y	Life boat station / operation maintained	Y	Life boat station / operation maintained	Y	Life boat station / operation maintained	Y	Launching may become problematic	Y	Life boat station / operation maintained
Agricultural land	Potential loss of land through flooding (socio-economic)	Yes	Prevent loss of agricultural land, recognised landscape and the community	Sub-regional	Low	Yes	Yes	5C	Y	Agricultural land will remain	Y	Agricultural land will remain	Y	Agricultural land will remain	Y	Agricultural land will remain	P	The agricultural land may be at risk from the overtopping events or a breach of the shingle ridge	Y	Agricultural land will remain
Lade Fort	Potential threat to monument from flooding and erosion	Yes	Prevent damage to/ loss of Lade Fort due to flooding or erosion	National	High	No	No	2A	Y	Lade Fort maintained	Y	Lade Fort maintained	Y	Lade Fort maintained	Y	Lade Fort maintained	P	Lade Fort may be at risk from overtopping / flooding	Y	Lade Fort maintained
Romney Marsh Local Landscape Area	A breach of the shingle ridge, or failure of sluices, would lead to extensive flooding of low-lying marshes potentially damaging the current landscape value	Yes	Maintain landscape quality of Romney Marsh	Sub-regional	Medium	No	No	2L	Y	Landscape quality sustained	Y	Landscape quality sustained	Y	Landscape quality sustained	Y	Landscape quality sustained	Y	Landscape quality sustained	Y	Landscape quality sustained
Romney Warren SSSI	Risk of erosion of important dunes. The dunes at Romney Warren formed in the past, and could give an indication of the previous mouth of the River Rother.	Yes	Maintain and / or improve existing habitat	National	High	No	Yes	3E	Y	Romney dunes are not at risk from floods or erosion	Y	Romney dunes are not at risk from floods or erosion	Y	Romney dunes are not at risk from floods or erosion	Y	Romney dunes are not at risk from floods or erosion	P	Romney dunes may be at risk from floods or erosion	Y	Romney dunes are not at risk from floods or erosion
Dungeness SSSI, potential Ramsar, SPA, cSAC, NNR and RSPB reserve	Current management of the coastline is damaging the SSSI and cSAC reserve	Yes	Maintain/improve this area of exceptional scientific interest. Allowing the coastline to function naturally is necessary for restoration of the SSSI.	National	High	No	No	2E	Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline	P	In the unlikely event that this section of the coast will stop accreting / keep pace with sea level rise some flood preventative measure will need to be constructed
Beach and foreshore	Iron Age archaeological remains	Yes	Prevent damage to/loss of archaeological site due to flooding	Regional	Medium	No	NO	4A	Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline
Commercial Property	Potential loss of businesses through flooding	Yes	Prevent damage to/loss of commercial properties due to flooding	Sub-regional	High	No	Yes	3C	Y	No commercial properties lost	Y	No commercial properties lost	Y	No commercial properties lost	Y	No commercial properties lost	P	Some commercial properties may be at risk from overtopping / flooding	Y	No commercial properties lost
Romney Sands Holiday Park, Greatstone	Potential loss or damage to the site through	Yes	Prevent loss of tourist accommodation	Regional	High	No	Yes	2C	Y	No loss / threat to the holiday park	Y	No loss / threat to the holiday park	Y	No loss / threat to the holiday park	Y	No loss / threat to the holiday park	P	The holiday park may be at risk (extreme events)	Y	No loss / threat to the holiday park



G3.12 LOCATION: ROMNEY SANDS TO DUNGENESS									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline	Naturally accreting coastline		
	erosion		to erosion																	
Beach, foreshore and promenade <sup>1</sup>	Potential health and safety hazard caused if are not maintained (technical)	No	Risk of injury to the public																	
Fishing and nursery grounds	Recharge: overflows affect the fisheries (rocks for armouring) socio-economic	No																		
Fishing and nursery grounds	Small number of boats working the beach (fishing) – loss of beach would threaten access	Yes	Maintain launch sites in the area	Local	Medium	No	Yes		Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline	Y	Naturally accreting coastline		
Scheduled Ancient Monuments	Potential threat to monument from flooding and erosion	Yes	Prevent damage to/ loss of due to flooding and erosion	National	high	No	No	2A	Y	Monuments maintained	Y	Monuments maintained	Y	Monuments maintained	Y	Monuments maintained	P	Some monuments may be at risk (overtopping/floods)	Y	Monuments maintained
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 – 4A	Y	Monuments maintained	Y	Monuments maintained	Y	Monuments maintained	Y	Monuments maintained	P	Some monuments may be at risk (overtopping/floods)	Y	Monuments maintained
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	No costs (naturally accreting)	Y	No costs	Y	No costs (naturally accreting)	Y	No costs	Y	No costs (naturally accreting)
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Naturally functioning coastline	Y	Naturally functioning coastline	Y	Naturally functioning coastline	Y	Naturally functioning coastline	Y	Naturally functioning coastline	Y	Naturally functioning coastline
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Existing biodiversity maintained and enhanced	P	Existing biodiversity maintained	Y	Existing biodiversity maintained and enhanced	P	Existing biodiversity maintained	Y	Existing biodiversity maintained and enhanced	P	Existing biodiversity maintained

<sup>1</sup> This feature does not affect policy and therefore no objective or ranking is relevant.

G3.13 LOCATION: DUNGENESS POWER STATION									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Shingle bund eroded		Maintain shingle bund		No defences		Maintain shingle bund		No defences		Possible requirement for hard defence	
Dungeness Power Station	Potential flooding/erosion of the nuclear power station	Yes	Prevent damage to/ loss of Nuclear Power Station due to flooding erosion	National	High	No	Yes	1I	N	Inoperable due to inundation of the marsh	Y	Damage prevented	N	Inoperable due to inundation of the marsh	Y	Damage prevented	N	Inoperable due to inundation of the marsh	Y	Damage prevented
Health & Safety	Potential health and safety hazard caused if defences are not maintained (technical)	No	Risk of injury to the public																	
Electricity overhead lines	High voltage overhead lines cross land at risk from flooding	Yes	Prevent damage to/ loss of electricity towers on Dungeness to flooding or erosion	National	High	No	Yes	2I	N	Inoperable due to inundation of the marsh	Y	Damage prevented	N	Inoperable due to inundation of the marsh	Y	Damage prevented	N	Inoperable due to inundation of the marsh	Y	Damage prevented
Dungeness SSSI, potential Ramsar, SPA, cSAC, NNR and RSPB reserve	Current management of the coastline is damaging the SSSI and cSAC	Yes	Maintain/improve this area of exceptional scientific interest. Allowing the coastline to function naturally is necessary for restoration of the SSSI.	National	High	No	No	2E	Y	Naturally functioning coastline	N	Nature and scientific interests damaged	Y	Naturally functioning coastline	N	Nature and scientific interests damaged	Y	Naturally functioning coastline	N	Nature and scientific interests damaged
Old Dungeness Lighthouse	Potential loss of damage through flooding or erosion	Yes	Prevent damage to/ loss of heritage (Old Dungeness Lighthouse) due to flooding or erosion	Local	Medium	No	No	4A	Y	Lighthouse maintained	Y	Lighthouse maintained	P	Preservation will depend on the migration of the Ness	Y	Lighthouse maintained	P	Preservation will depend on the migration of the Ness	P	Lighthouse maintained
Ness point beach	The way in which the coastline is managed may have an adverse effect on beach fishing	No																		
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 - 4A	Y	Monuments maintained	Y	Monuments maintained	P	Some monuments lost to flooding and erosion, depending on Ness migration	Y	Monuments maintained	P	Some monuments lost to flooding and erosion, depending on Ness migration	Y	Monuments maintained
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	High benefits (over riding public interest)	Y	No costs	Y	High benefits (over riding public interest)	Y	No costs	Y	High benefits (over riding public interest)
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Naturally functioning coastline	N	Migration of the Ness restricted	Y	Naturally functioning coastline	N	Migration of the Ness restricted	Y	Naturally functioning coastline	N	Migration of the Ness restricted
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Existing biodiversity maintained and enhanced	P	Existing biodiversity maintained	Y	Existing biodiversity maintained and enhanced	P	Existing biodiversity maintained	Y	New intertidal habitat created (compensate for loss of freshwater habitats)	P	Existing biodiversity at risk due to coastal squeeze

G3.14 LOCATION: LYDD RANGES									0-20 (up to 2025)						20-50 (up to 2055)						50-100 (up to 2105)											
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough ?	Replace ?	Rank	NAI			REALIGN			HOLD			NAI			REALIGN			HOLD								
									Shingle recycling ceases	Secondary defence	Shingle recycling	No defences	Secondary defence	Shingle recycling	No defences	Secondary defence	Shingle recycling	No defences	Secondary defence	Shingle recycling	No defences	Secondary defence	Hard defence									
Agricultural land	Potential loss of land through flooding	Yes	Prevent damage to/ loss of farmland due to flooding	Sub-regional	Low	Yes	Yes	5C	N	Inundation of the marsh	N	Some inundation of the marsh	Y	Agricultural land maintained	N	Inundation of the marsh	N	Some inundation of the marsh	Y	Agricultural land maintained	N	Inundation of the marsh	N	Inundation of the marsh	Y	Agricultural land maintained						
Dungeness SSSI, potential Ramsar, SPA, SAC, NNR and RSPB reserve	Mismanagement of the coastline could impact on the habitat value	Yes	Maintain existing habitats or a potential for biodiversity enhancement if the coastline is allowed to function more naturally.	International	High	No	No	1E	P	Naturally functioning coastline, freshwater habitat lost, compensation	P	A more naturally functioning coastline, habitat compensation due to marsh inundation	P	Current habitat (artificial) maintained	P	Naturally functioning coastline, freshwater habitat lost, compensation	P	A more naturally functioning coastline, habitat compensation due to marsh inundation	P	Current habitat (artificial) maintained	P	Naturally functioning coastline, freshwater habitat lost, compensation	P	A more naturally functioning coastline, habitat compensation due to marsh inundation	P	Current habitat (artificial) maintained						
Lydd Ranges	Potential risk to range from flooding and erosion	Yes	Prevent damage to/ loss of national defence site at Lydd due to flooding or erosion	National	High	No	Yes	2I	N	Inundation of the marsh	N	Some inundation of the marsh	Y	CPTA maintained	N	Inundation of the marsh	N	Some inundation of the marsh	Y	CPTA maintained	N	Inundation of the marsh	N	Some inundation of the marsh	Y	CPTA maintained						
Denge Outfall	Possible impact on the operation of outfall from continual erosion	Yes	Maintain drainage outfall at Denge	Local	Medium	No	Yes	5I	N	Outfall at risk from floods and erosion	N	Outfall at risk from floods and erosion	Y	Outfall maintained	N	Outfall lost due to floods and erosion	N	Outfall lost due to floods and erosion	Y	Outfall maintained	N	Outfall lost due to floods and erosion	N	Outfall lost due to floods and erosion	Y	Outfall maintained						
Denge Beach	Overtopping of the defences affects the quality of groundwater aquifer	Yes	Maintain groundwater aquifer quality at Denge	Regional	High	No	No	2I	N	Saline intrusion	N	Some saline intrusion	Y	Aquifer maintained	N	Saline intrusion	N	Some saline intrusion	Y	Aquifer maintained	N	Saline intrusion	N	Some saline intrusion	Y	Aquifer maintained						
Lydd airport	Operation of airport would be disrupted if it flooded	Yes	Prevent damage to/ loss of Lydd airport due to flooding	National	Medium	Yes	Yes	4I	N	Inoperable due to inundation of the marsh	N	May be inoperable due to inundation of the marsh	Y	Lydd airport maintained	N	Inoperable due to inundation of the marsh	N	May be inoperable due to inundation of the marsh	Y	Lydd airport maintained	N	Inoperable due to inundation of the marsh	N	May be inoperable due to inundation of the marsh	Y	Lydd airport maintained						
South Brooks Land Drainage Outfall	Potential risk of fluvial flooding	Yes	Maintain drainage outfall at South Brooks	Local	Low	Yes	Yes	6I	N	Outfall at risk from floods and erosion	N	Outfall at risk from floods and erosion	Y	Outfall maintained	N	Outfall lost due to floods and erosion	N	Outfall lost due to floods and erosion	Y	Outfall maintained	N	Outfall lost due to floods and erosion	N	Outfall lost due to floods and erosion	Y	Outfall maintained						
Electricity overhead lines	High voltage overhead lines cross land at risk from flooding	Yes	Prevent damage to/ loss of electricity towers on Dungeness to flooding or erosion	National	High	No	Yes	2I	N	Inoperable due to inundation of the marsh	N	May be operable / inoperable due to inundation of the marsh	Y	Electricity cables and service maintained	N	Inoperable due to inundation of the marsh	P	Maybe operable / inoperable depending on realignment	Y	Electricity cables and service maintained	N	Inoperable due to inundation of the marsh	N	Maybe operable / inoperable depending on realignment	Y	Electricity cables and service maintained						
Lydd Golf Club	Potential for damage through flooding	Yes	Prevent loss of golf course to erosion	Sub-regional	Low	No	Yes	4R	N	Inundation of the marsh	N	Some inundation of the marsh	Y	Golf club maintained	N	Inundation of the marsh	N	Some inundation of the marsh	Y	Golf club maintained	N	Inundation of the marsh	N	Some inundation of the marsh	Y	Golf club maintained						
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 – 4A	N	Some monuments lost to flooding and erosion	N	Some monuments lost to flooding and erosion	Y	Monuments maintained	N	Monuments lost to flooding and erosion	N	Some monuments lost to flooding and erosion	Y	Monuments maintained	N	Monuments lost to flooding and erosion	N	Some monuments lost to flooding and erosion	Y	Monuments maintained						
Beach and foreshore	Potential health and safety hazard caused if are not managed(technical )	No	Risk of injury to the public																													
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs			N	Some assets not protected, costs unjustified			Y	High benefits			Y	No costs			N	Assets not protected, costs unjustified			Y	High benefits		

Appendix G: Scenario Testing

Technical Objective	Seek to have no adverse effect on any physical processes that benefits rely upon.	Y	Naturally functioning coastline	Y	A more naturally functioning coastline	N	Alongshore coastal processes affected	Y	Naturally functioning coastline	Y	A more naturally functioning coastline	N	Alongshore coastal processes affected	Y	Naturally functioning coastline	Y	Alongshore coastal processes affected	N	Coastal processes affected
Environmental Objective	Seek to achieve Biodiversity Action Plan targets.	Y	New intertidal habitat created (compensate for loss of freshwater habitats)	Y	New intertidal habitat created (compensate for loss of freshwater habitats)	P	Existing biodiversity maintained	Y	New intertidal habitat created (compensate for loss of freshwater habitats)	Y	New intertidal habitat created (compensate for loss of freshwater habitats)	P	Existing biodiversity maintained	Y	New intertidal habitat created (compensate for loss of freshwater habitats)	Y	New intertidal habitat created (compensate for loss of freshwater habitats)	P	Existing biodiversity at risk due to coastal squeeze

G3.15 LOCATION: JURY'S GAP TO THE SUTTONS									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)							
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		REALIGN		HOLD		NAI		REALIGN		HOLD	
									Groynes & seawall fail, shingle recycling stops	Seawall, groynes, recycling	No defences	Seawall / Embankment	Seawall, groynes, recycling	No defences	Seawall / Embankment	Seawall, groynes, recycling	No defences	Seawall / Embankment	Seawall, groynes, recycling					
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain services to properties	Sub-regional	Medium	Yes	Yes	4I	N	Infrastructure lost due to flooding	Y	Infrastructure maintained	N	Infrastructure lost due to flooding and erosion	N	Some infrastructure lost due to flooding and erosion	Y	Infrastructure maintained	N	No infrastructure	N	Some infrastructure maintained	Y	Infrastructure maintained
Health & Safety	Potential health and safety hazard caused if defences are not maintained (technical)	No																						
Jury's Gap Sluice	Possible impact on the operation of land drainage outfall from continual erosion	Yes	Prevent loss of drainage infrastructure	Local	Medium	Yes	Yes	5I	N	Sluice fails	Y	Sluice function maintained	N	Sluice failed	N	Sluice failed	Y	Sluice function maintained	N	Sluice failed	P	Sluice failed	Y	Sluice function maintained
Housing and community facilities	A breach of the dunes or shingle ridge would lead to flooding of low-lying land, damage to properties in the short term, property loss long term	Yes	Prevent damage to/ loss of residential properties due to flooding	Local	High	No	Yes	3H	N	Housing and community facilities at risk from flooding	Y	Housing and community facilities maintained	N	Housing and community facilities flooded and eroded	P	Relocate housing and community facilities to prevent flooding and erosion	Y	Housing and community facilities maintained	N	Housing and community facilities flooded and eroded	P	If relocated housing and community facilities will not be flooded and eroded	Y	Housing and community facilities maintained
Beach and foreshore	The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain a beach suitable for recreational purposes	Sub-regional	Low	No	Yes	4R	N	Beach will be lost, structural dangers	Y	Amenity beach maintained	N	No amenity beach	P	No amenity beach expected to be maintained	Y	Beach present	N	No amenity beach	P	No amenity beach expected to be maintained	N	No amenity beach, hard defences required
Dungeness to Pett Levels SPA and Ramsar site	A breach of the shingle ridge would lead to extensive flooding of low-lying land, including the loss of internationally important habitats	Yes	Maintain and / or improve existing habitats	International	High	No	No	1E	P	Naturally functioning coastline, habitat compensation	P	Freshwater habitats maintained but adverse affects on coastal processes	Y	Naturally functioning coastline, habitat compensation	P	A more naturally functioning coastline, habitat compensation due to retreat into the backing marsh	P	Freshwater habitats maintained but adverse affects on coastal processes	Y	Naturally functioning coastline, habitat compensation	P	A more naturally functioning coastline, habitat compensation due to retreat into the backing marsh	P	Freshwater habitats maintained but adverse affects on coastal processes
Walland Marsh SSSI	Excessive overtopping of the defences, or failure of Jury's Gap Sluice, will affect the habitat quality	Yes	Maintain existing habitats or a potential for biodiversity enhancement if the coastline is allowed to function more naturally (Any loss of SSSI would involve compensation)	National	High	No	No	2E	Y	Naturally functioning coastline, habitat compensation due to marsh inundation	Y	Current habitat / aquifer (artificial) maintained		Naturally functioning coastline, habitat compensation due to marsh inundation		A more naturally functioning coastline, habitat compensation due to retreat into the backing marsh	Y	Current habitat / aquifer (artificial) maintained	P	Naturally functioning coastline, habitat compensation due to marsh inundation	P	A more naturally functioning coastline, habitat compensation due to retreat into the backing marsh	Y	Current habitat / aquifer (artificial) maintained
Cheyne Court SSSI (Part of the Walland marsh complex)	Excessive overtopping of the defences, or failure of Jury's Gap Sluice, will affect the habitat quality. Freshwater habitats would be lost but could migrate inland. Aim towards a more naturally functioning	Yes	Maintain existing habitats or a potential for biodiversity enhancement if the coastline is allowed to function more naturally (Any loss of SSSI would involve compensation)	National	High	No	No	2E	N	Naturally functioning coastline, freshwater habitat lost, compensation	Y	Current habitat (artificial) maintained	N	Naturally functioning coastline, freshwater habitat lost, compensation	P	A more naturally functioning coastline, freshwater habitat lost, compensation due to retreat into the backing marsh	Y	Current habitat (artificial) maintained	N	Naturally functioning coastline, freshwater habitat lost, compensation	P	A more naturally functioning coastline, freshwater habitat lost, compensation due to retreat into the backing marsh	Y	Current habitat (artificial) maintained

G3.15 LOCATION: JURY'S GAP TO THE SUTTONS									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)							
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		REALIGN		HOLD		NAI		REALIGN		HOLD	
									Groynes & seawall fail, shingle recycling stops	Seawall, groynes, recycling	No defences	Seawall / Embankment	Seawall, groynes, recycling	No defences	Seawall / Embankment	Seawall, groynes, recycling	No defences	Seawall / Embankment	Seawall, groynes, recycling					
Agricultural Land	Potential risk of saline inundation if defences or Jury's Gap sluice fail	Yes	Prevent damage to/ loss of tourist accommodation at Camber Sands due to flooding	Regional	Medium to Low	Yes	Yes	4C	N	Inundation of the marsh	Y		N	Inundation of the marsh	N	Some inundation of the marsh	Y		N		N	Some inundation of the marsh	Y	Inundation of the marsh
Scheduled Ancient Monuments	Potential threat to monument from flooding and erosion	Yes	Prevent damage to/ loss of due to flooding and erosion	National	high	No	No	2A	N	Monuments at risk to flooding and erosion	Y	Monuments maintained	N	Some monuments lost to flooding and erosion	N	Some monuments lost to flooding and erosion	Y	Monuments maintained	N	Monuments lost to flooding and erosion	P	Monuments lost to flooding and erosion	Y	Monuments maintained
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 - 4A	N	Monuments at risk to flooding and erosion	Y	Monuments maintained	N	Some monuments lost to flooding and erosion	N	Some monuments lost to flooding and erosion	Y	Monuments maintained	N	Monuments lost to flooding and erosion	P	Monuments lost to flooding and erosion	Y	Monuments maintained
Beach, foreshore and promenade <sup>2</sup>	Potential health and safety hazard caused if are not maintained (technical)	No	Risk of injury to the public																					
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	High benefits	Y	No costs	N	Assets not protected, costs unjustified	Y	High benefits	Y	No costs	N	Assets not protected, costs unjustified	Y	High benefits
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Naturally functioning coastline	P	Processes restricted but little downdrift impact	Y	Naturally functioning coastline	Y	Naturally functioning coastline	P	Processes restricted but little downdrift impact	Y	Naturally functioning coastline	Y	Naturally functioning coastline	P	Processes restricted but little downdrift impact
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						N	Contamination from the sluice / sewerage works	Y	Current habitats maintained	N	Contamination from the sluice / sewerage works	P	Potential for greater habitat diversity (intertidal)	Y	Current habitats maintained	Y	Greater habitat diversity (intertidal)	P	Potential for greater habitat diversity (intertidal)	P	Current habitats maintained

<sup>2</sup> This feature does not affect policy and therefore no objective or ranking is relevant.

G3.16 LOCATION: CAMBER									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough	Substitute	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									No defences	Dune Management	No defences	Dune Management	No defences	Dune Management	No defences	Dune Management				
Housing and community facilities	A breach of the dunes or shingle ridge would lead to flooding of low-lying land, damage to properties in the short term, property loss long term	Yes	Prevent damage to/ loss of residential properties at Camber Sands due to flooding	Local	High	No	Yes	3H	Y	No loss	Y	No loss	Y	No loss	Y	No loss	N	Properties maybe affected by flooding / erosion	Y	No loss
Commercial Property	Potential loss of businesses through flooding	Yes	Prevent damage to/ loss of commercial properties at Camber Sands due to flooding	Regional	High	No	Yes	2C	Y	No loss	Y	No loss	Y	No loss	Y	No loss	N	Businesses may be affected by flooding /erosion	Y	No loss
Caravan and camping site	Potential loss of site through flooding	Yes	Prevent damage to/ loss of tourism accommodation at Camber Sands due to flooding	Regional	Medium	Yes	Yes	3C	Y	No loss	Y	No loss	N	No loss	Y	No loss	N	Holiday park may be affected by flooding and erosion	Y	No loss
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain services to properties	Sub-regional	Medium	Yes	Yes	4I	Y	No loss	Y	No loss	N	No loss	Y	No loss	N	Infrastructure may be lost due to flooding and erosion	Y	No loss
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain communication links	Sub-regional	Medium	Yes	Yes	4I	Y	No loss	Y	No loss	N	No loss	Y	No loss	N	Infrastructure may be lost due to flooding and erosion	Y	No loss
Rye Golf Club	Potential loss of recreational facility through flooding	Yes	Prevent damage to/ loss of golf course due to flooding	Sub-regional	Low	No	Yes	4R	Y	No loss	Y	No loss	N	No loss	Y	No loss	N	Golf club may be lost due to flooding and erosion	Y	No loss
Sustrans cycle route	Recreational and tourism facility at risk of flooding	No	Maintain cycle route throughout Camber frontage	National	High	No	Yes	2R												
Beach and foreshore <sup>3</sup>	Potential health and safety hazard caused if are not managed (technical)	No	Risk of injury to the public	Local community and tourism																
Beach and foreshore	The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain a sandy beach at Camber suitable for recreational purposes	Sub-regional	Low	No	Yes	4R	Y	Harbour Arms help maintain the amenity / sandy beach at Camber	Y	Harbour Arms help maintain the amenity / sandy beach at Camber	P	Amenity value of the beach will reduce with the failure of the harbour arms	Y	Harbour Arms help maintain the sandy / amenity beach at Camber	N	Naturally functioning coastline, may not be sand	Y	Harbour Arms help maintain the sandy beach at Camber
Dungeness to Pett Levels SPA and Ramsar site, and Dungeness cSAC (although this section isn't part of the cSAC).	A breach of the shingle ridge would lead to extensive flooding of low-lying land, including the loss of internationally important habitats	Yes	Maintain and / or improve existing habitats	International	High	No	No	1E	Y	Naturally functioning coastline, habitat compensation	P	Designated sites maintained, adverse affects on coastal processes	Y	Naturally functioning coastline, habitat compensation	P	Designated sites maintained, adverse affects on coastal processes		Naturally functioning coastline, potential habitat compensation		Designated sites maintained, adverse affects on coastal processes
Camber Sands	Risk of erosion	Yes	Maintain	National	High	No	No	2E	Y	Naturally functioning	P	Designated	Y	Naturally functioning	P	Designated	P	Naturally functioning		Designated

<sup>3</sup> This feature does not affect policy and therefore no objective or ranking is relevant.

G3.16 LOCATION: CAMBER									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)						
									NAI		HOLD		NAI		HOLD		NAI		HOLD				
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough	Substitute	Rank	No defences		Dune Management		No defences		Dune Management		No defences		Dune Management				
and Rye Saltings SSSI	of important dunes. The dunes at Camber have formed in the relatively recent past, mainly as a result of the terminal groyne to the west of the River Rother,		existing habitats and / or improve by introducing a naturally functioning system.							coastline		sites maintained, adverse affects on coastal processes		coastline, habitat compensation		sites maintained, adverse affects on coastal processes		coastline, potential habitat compensation		sites maintained, adverse affects on coastal processes			
Walland Marsh SSSI	Excessive overtopping of the defences, or failure of Jury's Gap Sluice, will affect the habitat quality	Yes	Maintain existing habitats or improve by a more naturally functioning coastline	National	High	No	No	2E	Y	Designated sites and aquifer maintained, adverse affects on coastal processes	Y	Designated sites and aquifer maintained, adverse affects on coastal processes	P	Naturally functioning coastline, habitat compensation	P	Designated sites and aquifer maintained, adverse affects on coastal processes	N	Naturally functioning coastline	N	Designated sites and aquifer maintained, adverse affects on coastal processes			
Agricultural Land	Potential risk of saline inundation if defences (sand dunes) fail	Yes	Prevent damage to/ loss of Camber Sands due to flooding	Regional	Medium to Low	Yes	Yes	4C	Y	No saline intrusion	Y	No saline intrusion	Y	No saline intrusion	Y	No saline intrusion	P	Might loose land due to sea level rise	Y	No saline intrusion			
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs		Y	No costs as the coast is accreting		Y	No costs		Y	No costs as the coast is accreting		Y	No costs	
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Naturally functioning coastline		P	Naturally functioning coastline		Y	Naturally functioning coastline		P	Localised downdrift impacts		Y	Naturally functioning coastline	
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Shingle and sand dune habitats maintained		P	Current habitat maintained		Y	Shingle and sand dune habitats maintained		P	Current habitat maintained		Y	More dynamic intertidal habitat is anticipated	



G3.17 LOCATION: RYE HARBOUR									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)				
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD		
									River defences fail, terminal groyne remains		Terminal groyne, training walls and river defences maintained		Harbour arms & terminal groyne fail		Terminal groyne, training walls and river defences maintained		No defences		Terminal groyne, training walls and river defences maintained		
Housing and community facilities	Tidal inundation would damage properties in the short term and result in property losses long term (socio-economic)	Yes	Prevent home loss, clear up costs, stress, anxiety to owners/occupiers and damage to village community.																		
Commercial property	Potential loss of businesses through flooding (socio-economic)	Yes	Businesses support local economy and provide facilities for local community and visitors																		
Frenchman's Beach Holiday Village	Potential loss of site through flooding.	Yes	Prevent damage to/ loss to tourist accommodation due to flooding	Regional	High	No	Yes	2C	Y	No loss	Y	No loss	P	The village may be at risk from extreme flood events	Y	No loss	N	The village may be at risk from extreme flood events	Y	No loss	
Commercial activities	Management of the frontage could have an impact on the viability of the harbour operations	Yes	Maintain Rye Harbour as a viable commercial facility	Regional	High	No	Yes	3I	Y	No loss	Y	No loss	P	Commercial facility affected	Y	No loss	N	Commercial facility lost or severely affected	Y	No loss	
Harbour training wall	Maintain the viability of operations within the harbour	Yes	Maintain Rye Harbour as a viable commercial facility	Regional	High	No	Yes	3I	Y	No loss	Y	No loss	P	Commercial facility affected	Y	No loss	N	Commercial facility lost or severely affected	Y	No loss	
Land drainage	River Rother, Brede & Tillingham form major land draining outlet	Yes	Maintain land drainage at Rye	Sub-regional	High	Yes	Yes	3I	N	Drainage not affected	Y	Drainage not affected	P	Drainage may start to be affected	Y	Drainage not affected	N	Drainage affected	Y	Drainage not affected	
Life Boat station	Management of the harbour entrance has an impact on the operational efficiency of the lifeboat	Yes	Maintain Lifeboat Station in Rye Harbour	International	Medium	No	Yes	2I	Y	Lifeboat station maintained	Y	Lifeboat station maintained	P	Lifeboat station operation affected	Y	Lifeboat station maintained	N	Lifeboat station operation affected / lost	Y	Lifeboat station maintained	
Historic Lifeboat House	A breach of the defences would lead to the loss of the Monument and Education Facility	Yes	Prevent a breach in the defences	Local	Medium	No	No	4H	Y	Monument / Memorial not lost	Y	Monument / Memorial not lost	N		Y	Monument / Memorial not lost	N		Y	Monument / Memorial not lost	
Rye Harbour LNR	A breach of the shingle ridge would lead to extensive flooding of low lying land	Yes	Maintain (or improve) the conservation value of this site	Local	Low	No	Yes	3E	Y	Recreational/conservation value maintained due to harbour arms	Y	Recreational and conservational facility maintained (artificial environment)	Y	Recreational/conservation value maintained until the failure of the harbour arms	Y	Recreational and conservational facility maintained (artificial environment)	Y	Recreational/conservation value lost to a more naturally functioning coastline	Y	Recreational and conservational facility maintained (artificial environment)	
Rye Harbour LNR: tourism	Recreational (footpaths) and Tourist Facility at risk from flooding	Yes	Maintain recreational value of this site	Local	Low	No	Yes	4R	Y	Recreational/conservation value maintained due to harbour arms	Y	Recreational and conservational facility maintained (artificial environment)	N	Recreational/conservation value maintained until the failure of the harbour arms	Y	Recreational and conservational facility maintained (artificial environment)	N	Recreational/conservation value lost to a more naturally functioning coastline	Y	Recreational and conservational facility maintained (artificial environment)	
Recreational facilities	Potential impact on the viability of the harbour operations if	Yes	Prevent damage to/ loss of recreational facilities at Rye	Regional	Medium	No	Yes	3R	Y	Recreational facility maintained	Y	Recreational facility maintained	N	Recreational facility affected (emphasis might start to change)	Y	Recreational facility maintained	N	Recreational facility affected (emphasis might change)	Y	Recreational facility maintained	

G3.17 LOCATION: RYE HARBOUR									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	River defences fail, terminal groyne remains	Terminal groyne, training walls and river defences maintained	Harbour arms & terminal groyne fail	Terminal groyne, training walls and river defences maintained	No defences	Terminal groyne, training walls and river defences maintained						
	facilities lost		Harbour due to flooding																	
Rye Harbour Geomorphology (SSSI)	Sustaining Natural Coastal Processes	Yes	Improve existing habitats	National	High	No	Yes	2E	Y	Naturally functioning coastline	N	Adverse affects on coastal processes	Y	Naturally functioning coastline	N	Adverse affects on coastal processes	Y	Naturally functioning coastline	N	Adverse affects on coastal processes
Dungeness to Pett Levels SPA and proposed Ramsar Site	A breach of the shingle ridge would lead to extensive flooding of low-lying land, including the loss of important habitats	Yes	Maintain and / or improve existing habitats (i.e. a naturally functioning coast, would need available land to migrate freshwater and inland habitats inland).	International	High	No	No	1E	P	Naturally functioning coastline, freshwater habitat compensation	P	Designated sites maintained, adverse affects on coastal processes	P	Naturally functioning coastline, freshwater habitat compensation	P	Designated sites maintained, adverse affects on coastal processes	P	Naturally functioning coastline, freshwater habitat compensation	P	Designated sites maintained, adverse affects on coastal processes
Sea trout migratory route	The way in which the coast is managed may impact upon this important migratory route	Yes	Maintain important fisheries migratory route	Local	Low	Yes	Yes	5E	Y	The current migration route is maintained	Y	The current migration route is maintained	Y	The current migration route is maintained	Y	The current migration route is maintained	Y	Change in River Rother dynamics might affect migratory route	Y	The current migration route is maintained
Fishing and nursery ground	Potential damage to nursery and spawning grounds	No																		
Fishing activities in Rye Bay	Inappropriate sea defence works or maintenance activities could affect the coastal processes and hence the fishing grounds in the Bay	No																		
Scheduled Ancient Monuments	Potential threat to monument from flooding and erosion	Yes	Prevent damage to/ loss of Martello Tower due to flooding and erosion	National	high	No	No	2A	Y	Heritage monuments preserved	Y	Heritage monuments preserved	N	Heritage monuments may be at risk / lost	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 - 4A	Y	Heritage monuments preserved	Y	Heritage monuments preserved	N	Heritage monuments may be at risk / lost	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved
Framework Objective	Comply with the current FCD management framework where public funding would be required for their implementation.								Y	No cost	Y	Potential assets justify the costs	Y	No cost	Y	Potential assets justify the costs	Y	No cost	Y	Potential assets justify the costs
Technical Objective	Seek to have no adverse effect on any physical processes that benefits rely upon.								Y	Natural shingle movement maintained	N	The harbour arm interrupts sediment transport	Y	Natural shingle movement maintained	N	The harbour arm interrupts sediment transport	Y	Natural shingle movement maintained	N	The harbour arm interrupts sediment transport
Environmental Objective	Seek to achieve Biodiversity Action Plan targets.								Y	A naturally functioning coastline and associated habitats	Y	Current shingle habitat maintained	Y	A naturally functioning coastline and associated habitats	Y	Current shingle habitat maintained	Y	A naturally functioning coastline and associated habitats	Y	Current shingle habitat maintained

G3.18 LOCATION: RYE HARBOUR TO WINCHELSEA BEACH									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		REALIGN/HOLD		NAI		REALIGN/HOLD		NAI		REALIGN/HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank			Shingle extracted from Nook Beach, set back defence maintained		Harbour arm will fail towards the end of the epoch		Shingle extracted from Nook Beach, set back defence maintained		No defences		Shingle extracted from Nook Beach, set back defence maintained	
Beach	Management of the beach could have an adverse impact on tourist attraction	Yes	Maintain a beach suitable for recreational purposes at Winchelsea	Sub-regional	Low	No	Yes	4R	Y	Naturally functioning coastline, no affect on tourists	P	Semi-natural functioning coastline	Y	Naturally functioning coastline	P	Semi-natural functioning coastline	y	Naturally functioning coastline	P	Semi-natural functioning coastline
Beach	Management of the beach could have an adverse impact on local beach fishing	Yes	Maintain fishery interests in the Rye Bay area	Local	Medium	No	Yes	5C	Y	No adverse affects	N	Management could affect fisheries	Y	No adverse affects	N	Management could affect fisheries	Y	No adverse affects	N	Management could affect fisheries
Beach	Potential health and safety hazard caused by deteriorating defences at foot of cliffs (technical)	No																		
Beach launch fleet	The way in which the coastline is managed may have an adverse effect on the feasibility of launching vessels from the beach	Yes	Maintain important fisheries migratory route	Local	Low	Yes	Yes	5E	Y	No adverse affects on access	P	Shingle extraction could have an adverse affect on the launching of vessels	N	No adverse affects on access	P	Shingle extraction could have an adverse affect on the launching of vessels	Y	No adverse affects	P	Shingle extraction could have an adverse affect on the launching of vessels
Rye Bay Caravan Park	Breach of the defences would lead to flooding of the sites.	Yes	Prevent damage to /loss of tourist accommodation in Rye Bay due to flooding or erosion	Regional	High	No	Yes	4C	Y	Not at risk from flooding / erosion	Y	Caravan Park unlikely to be affected by coastal erosion / flooding	N	Maybe at risk from flooding / erosion	Y	Caravan Park unlikely to be affected by coastal erosion / flooding	P	Maybe at risk from flooding / erosion	P	Caravan Park may be at risk from flooding towards the end of this epoch
Caravan and camping parks at Winchelsea	Breach of the defences would lead to flooding of the sites.	Yes	Prevent damage to /loss of tourist accommodation at Winchelsea due to flooding or erosion	Regional	High	No	Yes	4C	Y	Not at risk from flooding / erosion	Y	Parks protected	N	At potential risk from flooding / erosion	Y	Park may need to be protected	N	At potential risk from flooding / erosion	Y	Park may need to be protected
Saxon Shore long distance path	A breach of the defences could lead to the loss of the route	Yes	Maintain Saxon Shore trail throughout frontage	Regional	High	No	Yes	3R	Y	No loss	Y	No loss	Y	No loss	Y	No loss	P	Maybe at risk from flooding / erosion	P	Maybe at risk from flooding / erosion
Sustrans cycle route	Recreational and tourism facility at risk of flooding	No																		
Smeaton Harbour	An important archaeological site which could be damaged by sea defence works	Yes	Prevent loss of maritime archaeology site (Smeaton Harbour) to erosion	Regional	Medium	No	No	4A	Y	The accreting beach will not adversely affect the harbour	N	Shingle extraction may affect the harbour	Y	The accreting beach will not adversely affect the harbour	N	Shingle extraction may affect the harbour	Y	The accreting beach will not adversely affect the harbour	N	Shingle extraction may affect the harbour
Car park at Winchelsea Beach	Potential loss of the facility from flooding	Yes	Maintain car park facilities at Winchelsea Beach	Local	Medium	No	Yes	5I	N	Car park at risk from flood inundation	Y	Car park maintained	N	Car park lost	P	Some of the car park may be lost	N	Car park lost	N	More of the car park could be lost (this will depend on the amount of realignment)
Rail link	Potential damage and loss from flooding/erosion through overtopping of defences.	Yes	Maintain major communication rail link between coastal towns	Regional	High	No	Yes	3I	P	Rail link at risk from floods	Y	Railway link maintained	N	Railway at risk from flooding, service may be affected	Y	Railway link maintained (defences may be needed)	N	Railway and service affected by flooding	P	Railway link maintained (depending on realignment and the provision of defences)
A259 Road link	Potential damage and loss from flooding	Yes	Maintain major communication link between	Sub-regional	High	Yes	Yes	3I	P	Road link at risk from floods	Y	Road link maintained	N	Roads at risk from flooding, link may be affected	Y	Road link maintained	N	Road affected by flooding and sea level rise	P	Road link maintained (depends on

G3.18 LOCATION: RYE HARBOUR TO WINCHELSEA BEACH									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)							
									NAI		REALIGN/HOLD		NAI		REALIGN/HOLD		NAI		REALIGN/HOLD					
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank			Shingle extracted from Nook Beach, set back defence maintained			Harbour arm will fail towards the end of the epoch			Shingle extracted from Nook Beach, set back defence maintained			No defences			Shingle extracted from Nook Beach, set back defence maintained	
	through overtopping of defences.		coastal towns																					realignment and the provision of expenses)
Scheduled Ancient Monuments	Risk of damage to important valuable heritage buildings	Yes	Prevent damage to/loss of Camber Castle due to flooding	National	High	No	No	2A	Y	Heritage monuments preserved	Y	Heritage monuments preserved	N	Heritage monuments lost, including the RMC	P	Some heritage monuments preserved	N	Heritage monuments at risk from flooding	P	Some heritage monuments may be preserved				
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 – 4A	Y	Heritage monuments preserved	Y	Heritage monuments preserved	N	Heritage monuments lost, including the RMC	P	Some heritage monuments preserved	N	Heritage monuments at risk from flooding	P	Some heritage monuments may be preserved				
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	Assets protected, costs justified	Y	No costs	Y	Assets protected, costs justified	Y	No costs	Y	Assets protected, costs justified				
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Natural shingle movement maintained	Y	Natural shingle movement maintained	Y	Natural shingle movement maintained	Y	Natural shingle movement maintained	Y	Natural shingle movement maintained	Y	A more natural functioning				
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	A naturally functioning coastline and associated habitats	Y	Shingle habitats maintained	Y	A naturally functioning coastline and associated habitats	Y	Shingle habitats maintained	Y	A naturally functioning coastline and associated habitats	Y	Shingle habitats maintained				

G3.19 LOCATION: WINCHELSEA BEACH TO CLIFF END									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)					
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI	HOLD		NAI	HOLD		NAI	REALIGN		HOLD				
									Defences fail, recycling stops	Maintain & improve existing defences	No defences	Maintain & improve existing defences	No defences	Secondary defence	Improve existing defences							
Coastal Landscape	The way in which the coastline is managed may have an adverse effect on the landscape	Yes	Maintain landscape quality within High Weald AONB area	National	High	No	No	1L	Y	Maintained through cliff erosion	N	No loss	Y	Maintained through cliff erosion	N	No loss	Y	Maintained through cliff erosion	P	Some cliff top erosion	N	No loss
Properties in Cliff End and Winchelsea settlements	Flood damage to properties in short term, property loss long term.	Yes	Prevent damage to /loss of residential properties in Winchelsea and Cliff End due to flooding or erosion	Local	High	No	Yes	3H	N	Properties will be lost through flooding and erosion	Y	No loss	N	Properties will be lost through flooding and erosion	Y	No loss	N	Properties will be lost through flooding and erosion	N	Properties will be lost through flooding and erosion	Y	No loss
Commercial Property	Potential loss of businesses through flooding (socio-economic)	Yes	Businesses support local economy and provide facilities for local community and visitors	Regional	High	No	Yes	2C	N	Properties will be lost through flooding and erosion	Y	No loss anticipated	N	Properties will be lost through flooding and erosion	Y	No loss	N	Properties will be lost through flooding and erosion	N	Properties will be lost through flooding and erosion	Y	No loss
Infrastructure	Potential loss of or damage to services and amenities through flooding. The local road serving the properties at Cliff End and Winchelsea is also threatened by inundation	Yes	Maintain services to properties in Cliff End and Winchelsea	Sub-regional	Medium	Yes	Yes	4I	N	Infrastructure will be lost through flooding and erosion	Y	No loss	N	Infrastructure will be lost through flooding and erosion	Y	No loss	N	Infrastructure will be lost through flooding and erosion	N	Infrastructure will need to be relocated otherwise it will be lost through flooding and erosion	Y	No loss
Infrastructure	Potential loss of or damage to services and amenities through flooding. The local road serving the properties at Cliff End and Winchelsea is also threatened by inundation	Yes	Maintain local communication links between communities	Sub-regional	Medium	Yes	Yes	4I	N	Infrastructure will be lost through flooding and erosion	Y	No loss	N	Infrastructure will be lost through flooding and erosion	Y	No loss	N	Infrastructure will be lost through flooding and erosion	N	Infrastructure will need to be relocated otherwise it will be lost through flooding and erosion	Y	No loss
Pett Levels (SSSI & SAC)	Potential inundation of this designated site from overtopping of the sea defences: but could lead to a more naturally functioning coastline.	Yes	Maintain and / or improve existing habitats	International	High	No	Yes	2E	Y	Naturally functioning coastline, habitat compensation	P	Designated sites maintained, adverse affects on coastal processes	Y	Naturally functioning coastline, habitat compensation	P	Designated sites maintained, adverse affects on coastal processes	Y	Naturally functioning coastline, habitat compensation	P	More naturally functioning coastline	P	Designated sites maintained, increasingly adverse affect on coastal processes
Dungeness to Pett Levels SPA and proposed Ramsar Site	The way in which the coastline is managed may have an adverse effect on the shingle ridge habitats. This could lead to a more naturally functioning coastline.	Yes	Maintain and / or improve existing shingle habitats at Winchelsea	International	High	No	No	1E	Y	Naturally functioning coastline, habitat compensation	P	Designated sites maintained, adverse affects on coastal processes	Y	Naturally functioning coastline, habitat compensation	P	Designated sites maintained, adverse affects on coastal processes	Y	Naturally functioning coastline, habitat compensation	P	More naturally functioning coastline	P	Designated sites maintained, increasingly adverse affect on coastal processes
Winchelsea Beach LNR	Saline lagoons at risk from	Yes	Maintain recreational	Local	Low	No	Yes	3E	Y	Naturally functioning coastline, habitat	Y	Recreational value	Y	Naturally functioning coastline, habitat	Y	Recreational value	Y	Naturally functioning coastline, habitat	P	More naturally functioning	Y	Recreational value

G3.19 LOCATION: WINCHELSEA BEACH TO CLIFF END									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)					
									NAI		HOLD		NAI		HOLD		NAI		REALIGN		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Defences fail, recycling stops	Maintain & improve existing defences	No defences	Maintain & improve existing defences	No defences	Maintain & improve existing defences	No defences	Secondary defence	Improve existing defences					
	breaching of the barrier beach		value of conservation site and the saline lagoon habitat.							compensation		maintained		compensation		maintained		compensation		coastline		maintained
Dogs Beach SNCI (CR.53)	The way in which the coastline is managed may have an adverse effect on the shingle ridge habitats: but could lead to a more naturally functioning coastline.	Yes	Retain and protect the remaining areas of shingle flora on the seaward side of the wall.	Sub-regional	Medium	No	Yes	3E	Y	Naturally functioning coastline, habitat compensation	P	Designated sites maintained, adverse affects on coastal processes	Y	Naturally functioning coastline, habitat compensation	P	Designated sites maintained, adverse affects on coastal processes	Y	Naturally functioning coastline, habitat compensation	P	More naturally functioning coastline	P	Designated sites maintained, increasingly adverse affect on coastal processes
Agricultural land	Potential loss of land through flooding.	Yes	Prevent damage to/ loss of farmland due to flooding	Sub-regional	Low	Yes	Yes	5C	N	Loss of land	Y	No loss	N	Loss of land	Y	No loss	N	Loss of land	N	Loss of land (the amount will depend on the degree of realignment)	Y	No loss
Wreck site	Potential damage to a protected wreck.	Yes	Prevent loss of maritime archaeology sites to erosion	National	High	No	No	2A	Y	Does not affect the wreck site	Y	Does not affect the wreck site	Y	Does not affect the wreck site	Y	Does not affect the wreck site	Y	Does not affect the wreck site	Y	Does not affect the wreck site	Y	Does not affect the wreck site
Submerged oak and hazel forest	The way in which the coastline is managed may have an adverse effect on the remains of the submerged forest	Yes	Prevent loss of submerged forest	Regional	Low	No	No	5A	Y	Does not affect the submerged forest	Y	Does not affect the submerged forest	Y	Does not affect the submerged forest	Y	Does not affect the submerged forest	Y	Does not affect the submerged forest	Y	Does not affect the submerged forest	Y	Does not affect the submerged forest
Beach and foreshore <sup>4</sup>	Potential health and safety hazard caused if are not managed correctly (technical)	No	Risk of injury to the public																			
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	Assets potentially justify the cost	Y	No costs	Y	Assets potentially justify the cost	Y	No costs	Y	Significant costs and significant losses	Y	Assets potentially justify the cost
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Natural shingle movement maintained	Y	No significant adverse affects downdrift	Y	Natural shingle movement maintained	Y	No significant adverse affects downdrift	Y	Natural shingle movement	Y	Natural shingle movement maintained	P	No significant adverse affects downdrift
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	A naturally functioning coastline and associated habitats	Y	Shingle habitat maintained	Y	A naturally functioning coastline and associated habitats	Y	Shingle habitat maintained	Y	A naturally functioning coastline and associated habitats	P	Potential for habitat improvement, with management	P	Shingle habitat maintained

<sup>4</sup> This feature does not affect policy and therefore no objective or ranking is relevant.

G3.20 LOCATION: CLIFF END TO FAIRLIGHT COVE									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		REALIGN		NAI		REALIGN		NAI		REALIGN	
									No defences	Toe defence	No defences	Toe defence	No defences	Toe defence	No defences	Toe defence				
Cliff top properties at Cliff End	Potential loss of properties through erosion	Yes	Prevent loss of residential properties at Cliff End to erosion	Local	Medium	No	Yes	4H	N	Properties at risk to erosion and flooding	Y	No property loss	N	Properties will be lost	Y	No property loss	N	Properties will be lost	Y	No property loss
Coastal landscape	The way in which the coastline is managed may have an adverse effect on the landscape quality	Yes	Maintain landscape quality within High Weald AONB area	National	High	No	No	1L	Y	Maintained through cliff erosion			Y	Maintained through cliff erosion			Y	Maintained through cliff erosion		
Infrastructure	Potential loss of or damage to services and amenities through erosion	Yes	Maintain services to properties in Fairlight & Cliff End	Local	Medium	Yes	Yes	5I	N	Cliff erosion may affect infrastructure	Y	Infrastructure maintained	N	Erosion will affect infrastructure	Y	Infrastructure maintained	N	Erosion will affect infrastructure	Y	Infrastructure maintained
Saxon Shore Way	Erosion of the cliffs threatens the coastal footpath	Yes	Maintain Saxon Shore Way trail throughout Hastings to Cliff End frontage	Regional	High	No	Yes	3R	N	Cliff erosion may affect the SSW	Y	Footpath maintained	N	Erosion will affect the SSW	Y	Footpath maintained	N	Erosion will affect the SSW	Y	Footpath maintained
Vegetated shingle beach	Protect beach from damage	Yes	Maintain existing habitats	Sub-regional	Medium	No	No	4E	Y	Naturally functioning coastline	P	The beach may still receive feed from the cliffs and from updrift frontages	Y	Naturally functioning coastline	P	The beach may still receive feed from the cliffs and from updrift frontages	Y	Naturally functioning coastline	P	The beach may still receive feed from the cliffs and from updrift frontages
Agricultural land at Cliff End	Potential loss of Grade 3 land through erosion	Yes	Prevent loss of farmland between Hastings and Cliff End to erosion	Sub-regional	Low	Yes	Yes	5C	P	Small losses of land	Y	Agricultural land sustained	N	Losses of land	Y	Agricultural land sustained	N	Losses of land	Y	Agricultural land sustained
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2-4A	N	Heritage monuments at risk	Y	Heritage monuments maintained	N	Heritage monuments at risk / lost	Y	Heritage monuments maintained	N	Heritage monuments lost	Y	Heritage monuments maintained
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	Assets potentially justify the cost	Y	No costs	Y	Assets potentially justify the cost	Y	No costs	Y	Assets potentially justify the cost
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Sediment inputs	P	Current processes maintained, no significant downdrift affects	Y	Sediment inputs	P	Current processes maintained, no significant downdrift affects	Y	Sediment inputs	P	Current processes maintained, no significant downdrift affects
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Shingle and cliff habitats maintained	P	Current habitat maintained	Y	Shingle and cliff habitats maintained	P	Current habitat maintained	Y	Shingle and cliff habitats maintained	P	Current habitat maintained



G3.21 LOCATION: FAIRLIGHT COVE EAST (Sea Road)									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		REALIGN		NAI		REALIGN		NAI		REALIGN	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Bund reduces in effectiveness	Rock bund	Bund reduces in effectiveness	Rock bund	Bund reduces in effectiveness	Rock bund	Bund reduces in effectiveness	Rock bund				
Saxon Shore Way	Erosion of the cliffs threatens the coastal footpath	Yes	Maintain Saxon Shore Way trail throughout Hastings to Cliff End frontage	Regional	High	No	Yes	3R	Y	Access will be maintained	Y	Access will be maintained	N	Cliff top erosion may affect access (towards latter part of this epoch)	Y	Cliff top erosion may affect access (towards latter part of this epoch)	N	Cliff erosion may affect access throughout this epoch	N	Cliff top erosion may affect access throughout this epoch
Coastal landscape	The way in which the coastline is managed may have an adverse effect on the landscape quality	Yes	Maintain landscape quality within High Weald AONB area	National	High	No	No	1L	Y	Some cliff top erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	p	Maintained through cliff erosion
Infrastructure	Potential loss of or damage to services and amenities through erosion	Yes	Maintain services to properties in Fairlight	Sub-regional	Medium	Yes	Yes	4I	Y	Cliff erosion unlikely to affect infrastructure	Y	Cliff erosion unlikely to affect infrastructure	P	Cliff erosion may affect infrastructure	P	Cliff erosion may affect infrastructure	N	Cliff erosion will affect infrastructure	N	Cliff erosion will affect infrastructure
Cliff top properties	Potential loss of properties through erosion	Yes	Prevent loss of residential properties at Fairlight	Local	Medium	No	Yes	4H	N	Derelict properties on the cliff top edge could be lost	Y	Derelict properties on the cliff top edge could be lost	N	Cliff top properties will be lost	N	Cliff top properties will be lost	N	Cliff top properties will be lost	N	Cliff top properties could be lost
Archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 - 4A	Y	Cliff erosion reduced, monuments maintained	Y	Cliff erosion reduced, monuments maintained	P	Some heritage features may be at risk due to cliff erosion	P	Some heritage features may be at risk due to cliff erosion	N	Some heritage monuments lost due to cliff erosion	N	Some heritage monuments lost due to cliff erosion
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	P	Reduced losses but significant costs	Y	No costs	P	Reduced losses but significant costs	Y	No costs	P	Reduced losses but significant costs
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	No adverse affects	P	No significant downdrift inputs	Y	No adverse affects	P	No significant downdrift inputs	Y	No adverse affects	P	No significant downdrift inputs
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Active cliff processes maintained	P	Some movement maintained	Y	Active cliff processes maintained	P	Some movement maintained	Y	Active cliff processes maintained	P	Some movement maintained



G3.22 LOCATION: FAIRLIGHT COVE CENTRAL (Rockmead Road)									0-20 (up to 2025)					20-50 (up to 2055)					50-100 (up to 2105)							
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		REALIGN		HOLD		NAI		REALIGN		HOLD		NAI		REALIGN		HOLD	
									No defences	Toe defence or slope stabilisation/ drainage	Toe bund, groundwater drainage, slope stabilisation	No defences	Toe defence or slope stabilisation/ drainage	Toe bund, groundwater drainage, slope stabilisation	No defences	Toe defence or slope stabilisation/ drainage	Toe bund, groundwater drainage, slope stabilisation	No defences	Toe defence or slope stabilisation/ drainage	Toe bund, groundwater drainage, slope stabilisation						
Infrastructure	Potential loss of or damage to services and amenities through erosion	Yes	Maintain services to properties in Fairlight	Local	Medium	Yes	Yes	5I	N	Cliff erosion may affect infrastructure	P	Cliff erosion may affect infrastructure	Y	No loss	N	Cliff erosion will affect infrastructure	N	Cliff erosion will affect infrastructure	Y	No loss	N	Infrastructure affected / lost	N	Infrastructure affected / lost	Y	No loss
Cliff top properties	Potential loss of properties through erosion	Yes	Prevent loss of residential properties in Fairlight	Local	Medium	No	Yes	4H	N	Properties could be lost	P	Some properties (near the cliff top) will be lost	Y	Cliff erosion stabilised	N	Properties lost	N	Properties lost	Y	Cliff erosion stabilised	N	Properties lost	N	Properties lost	Y	Cliff erosion stabilised
Saxon Shore Way	Erosion of the cliffs threatens the coastal footpath	Yes	Maintain Saxon Shore Way trail throughout Hastings to Cliff End frontage	Regional	High	No	Yes	3R	N	Cliff erosion may affect access	P	Realignment works and cliff erosion may affect access	Y	Slope stabilisation works and cliff erosion may affect access	N	Cliff erosion may affect access	N	Cliff erosion may affect access	Y	Cliff erosion stabilised therefore access maintained	N	Cliff erosion will affect access	N	Cliff erosion may affect access	P	To stabilise cliff erosion further re-profiling may be required. If this is the case then access will be lost
Vegetated shingle beach	Protect beach from damage	Yes	Maintain existing habitats	Sub-regional	Medium	No	No	4E	Y	Naturally functioning coastline	Y	Semi-natural functioning coastline	N	Adverse affect on coastal processes. No feed from cliff erosion	Y	Naturally functioning coastline	P	Semi-natural functioning coastline	N	Adverse affect on coastal processes. No feed from cliff erosion	Y	Naturally functioning coastline	P	Semi-natural functioning coastline	N	Adverse affect on coastal processes. No feed from cliff erosion
Coastal landscape	The way in which the coastline is managed may have an adverse effect on the landscape quality	Yes	Maintain landscape quality within High Weald AONB area	National	High	No	No	1L	Y	Maintained through cliff erosion	N	The introduction of defence structures will affect the landscape	N	The introduction of defence structures will affect the landscape	Y	Maintained through cliff erosion	P	The introduction of defence structures will affect the landscape	N	Landscape affected by stabilisation works	Y	Maintained through cliff erosion	P	The introduction of defence structures will affect the landscape	N	Landscape affected by stabilisation works
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	P	Reduced losses but significant costs	P	Losses prevented but significant costs	Y	No costs	P	Reduced losses but significant costs	P	Losses prevented but significant costs	Y	No costs	P	Reduced losses but significant costs	P	Losses prevented but significant costs
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	No adverse affects	P	No significant downdrift inputs	P	No significant downdrift inputs	Y	No adverse affects	P	No significant downdrift inputs	P	No significant downdrift inputs	Y	No adverse affects	P	No significant downdrift inputs	P	No significant downdrift inputs
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Active cliff processes maintained	P	Some movement maintained	N	Loss of cliff habitat	Y	Active cliff processes maintained	P	Some movement maintained	N	Loss of cliff habitat	Y	Active cliff processes maintained	P	Some movement maintained	N	Loss of cliff habitat

G3.23 LOCATION: FAIRLIGHT COVE WEST									0-20 (up to 2025)		20-50 (up to 2055)		50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		NAI		NAI		REALIGN	
									No defences		No defences		No defences		Bund	
Saxon Shore Way	Erosion of the cliffs threatens the coastal footpath	Yes	Maintain Saxon Shore Way trail throughout Hastings to Cliff End frontage	Regional	High	No	Yes	3R	P	Cliff erosion not substantial enough to affect access	P	Cliff erosion may affect access	P	Cliff erosion may affect access	P	Cliff erosion may affect access
Hastings to Pett Beach Cliffs	Continual erosion of cliffs necessary to maintain a clear face for geological study and to maintain the biological interest	Yes	Continued erosion of cliffs to maintain exposures	International	High	No	No	1E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	P	Possible need to compensate if losses to cSAC
Coastal landscape	The way in which the coastline is managed may have an adverse effect on the landscape quality	Yes	Maintain landscape quality within High Weald AONB area	National	High	No	No	1L	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	N	Landscape affected by stabilisation works
Vegetated shingle beach	Protect beach from damage	Yes	Maintain existing habitats	Sub-regional	Medium	No	No	4E	Y	Naturally functioning coastline	Y	Naturally functioning coastline	Y	Naturally functioning coastline	N	Adverse affect on coastal processes
Cliff top properties	Potential loss of properties through erosion (socio-economic)	Yes	Homes for people Anxiety and stress to owners and occupiers facing loss.	Local	Medium	No	Yes	4H	Y	No property losses are expected	Y	No property losses are expected	P	A few properties may be lost	Y	No property losses are expected (although this will depend on when the bund is implemented)
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	No costs	Y	No costs	P	Losses prevented / minimalised but at significant costs
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Feed of sediment maintained	Y	Feed of sediment maintained	Y	Feed of sediment maintained	P	No significant downdrift inputs
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Coastal landscape maintained	Y	Coastal landscape maintained	Y	Coastal landscape maintained	P	Some movement maintained

G3.24 LOCATION: FAIRLIGHT COVE WEST TO HASTINGS CLIFFS									0-20 (up to 2025)		20-50 (up to 2055)		50-100 (up to 2105)				
									NAI		NAI		NAI				
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	No defences		No defences		No defences				
Hastings to Pett Beach Cliffs (and Hastings Country Park)	Continual erosion of cliffs necessary to maintain a clear face for geological study and to maintain the biological interest	Yes	Continued erosion of cliffs to maintain exposures	International	High	No	No	1E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion			
Saxon Shore Way	Erosion of the cliffs threatens the coastal footpath	Yes	Maintain Saxon Shore Way trail throughout Hastings to Cliff End frontage	Regional	High	No	Yes	3R	N	Cliff erosion may affect access	P	Cliff erosion may affect access	Y	Cliff erosion stabilised			
Coastal landscape	The way in which the coastline is managed may have an adverse effect on the landscape quality	Yes	Maintain landscape quality within High Weald AONB area	National	High	No	No	1L	Y	Maintained through cliff erosion	P	Some cliff top erosion	N	Landscape affected by stabilisation works			
Agricultural land	Potential loss of land through flooding.	Yes	Prevent damage to/ loss of farmland due to flooding	Sub-regional	Low	Yes	Yes	5C	P	Small loss of land	N	Loss of land	N	Loss of land			
Hastings Country Park	Threat to tourism access over cliffs	Yes	Maintain beach access from Country Park	Local to sub-regional	Low	No	Yes	4R	P	Access can be maintained, although management will be required	P	Access can be maintained, although management will be required	P	Access can be maintained, although management will be required			
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs		Y	No costs		Y	No costs	
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Feed of sediment maintained		Y	Feed of sediment maintained		Y	Feed of sediment maintained	
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Coastal landscape maintained		Y	Coastal landscape maintained		Y	Coastal landscape maintained	

G3.25 LOCATION: HASTINGS (INCLUDING HASTINGS HARBOUR)									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Defences start to fail	Seawall, groynes, recharge	No defences	Seawall, groynes, recharge	No defences	Seawall, groynes, recharge	No defences	Seawall, groynes, recharge				
Housing	Potential loss of housing within the town through erosion.	Yes	Prevent loss of residential properties at Hastings to erosion	National	High	No	Yes	1H	N	Risk of properties being flooded	Y	No loss	N	Properties flooded / eroded	Y	No loss	N	Properties flooded / eroded	Y	No loss
Burtons' St Leonard's and St Leonard's	Potential damage to listed buildings from flooding and erosion if the defences are breached.	Yes	Prevent damage to/loss of heritage sites at Hastings due to flooding or erosion	National	Medium	No	No	3A	N	Risk of conservation area being flooded	Y	No loss	N	Conservation area flooded / eroded	Y	No loss	N	Conservation area flooded / eroded	Y	No loss
Commercial Property	Potential loss of businesses through erosion.	Yes	Prevent loss of commercial properties at Hastings to erosion	Sub-regional	High	No	Yes	3C	N	Risk of properties being flooded	Y	No loss	N	Properties flooded / eroded	Y	No loss	N	Properties flooded / eroded	Y	No loss
General Infrastructure	Potential loss of or damage to local services, roads and amenities through erosion.	Yes	Maintain services to properties in Hastings	Local	Medium	Yes	Yes	5I	N	Infrastructure at risk from flooding and erosion	Y	No loss	N	Infrastructure flooded and eroded	Y	No loss	N	Infrastructure destroyed	Y	No loss
General Infrastructure	Potential loss of or damage to local services, roads and amenities through erosion.	Yes	Maintain communication links within Hastings	Sub-regional	Medium	Yes	Yes	4I	N	Infrastructure at risk from flooding and erosion	Y	No loss	N	Infrastructure flooded and eroded	Y	No loss	N	Infrastructure destroyed	Y	No loss
Hastings and St Leonard's Sailing Club	Potential loss of facility from erosion.	Yes	Prevent loss of recreational facilities to erosion	Local	Medium	No	Yes	4R	N	Recreational facility at risk from flooding and erosion	Y	No loss	N	Little beach left, no access	Y	No loss	N	Little beach left, no access	p	Access may be restricted due to low beach levels
Sea outfalls	Possible impact on the operation of long fall sea outfalls	Yes	Maintain sea outfalls at Hastings	Local	Medium	Yes	Yes	5I	N	Integrity of outfall at risk from flooding / erosion	Y	Sea outfall maintained	N	Outfall lost due to erosion and flooding	Y	Sea outfall maintained	N	Outfall lost due to erosion and flooding	Y	Sea outfall maintained
Land Drainage	Combe Haven River outfall and tide gates	Yes	Affects land drainage and would cause flooding upstream	Local	High	Yes	Yes	3I	P	The defences are expected to remain intact for the majority of this epoch. Should they fail then drainage will be affected slightly	Y	Drainage not affected	N	Drainage will be affected and it is likely that this infrastructure will be lost due to flood inundation	Y	Drainage not affected	N	Drainage will be lost due to flood inundation	Y	Drainage not affected
A259 Road link	Potential damage and loss from flooding through overtopping of defences.	Yes	Maintain communication link between communities	Sub-regional	High	Yes	No	3I	N	Infrastructure at risk from flooding and erosion	Y	No loss	N	Infrastructure flooded and eroded	Y	No loss	N	Infrastructure destroyed	Y	No loss
National cycle network	Route 2 runs along sea front and would be threatened by erosion	Yes	Maintain cycle network in Hastings area	National	High	No	Yes	2R	N	Cycle network at risk from flooding and erosion	Y	No loss	N	Cycle network flooded and eroded	Y	No loss	N	Cycle network destroyed	Y	No loss
Beach launch points	The way in which the coastline is managed may have an adverse effect on the feasibility of launching vessels from the beach	Yes	Maintain launch sites for fishing in the Hastings area	Local	Medium	No	Yes	5C	P	Beach similar to present	Y	Beach similar to present	N	Beach present	Y	Beach similar to present	N	Little beach left	P	Beach present
Beach and foreshore	The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain a beach suitable for recreational purposes at Hastings	Sub-regional	Low	No	Yes	4R	P	Beach present, maybe	Y	Beach present	Y	Little beach left	Y	Little beach left	P	Little beach left	N	Engineering structures
Beach and	Potential health	No																		

G3.25 LOCATION: HASTINGS (INCLUDING HASTINGS HARBOUR)									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Defences start to fail		Seawall, groynes, recharge		No defences		Seawall, groynes, recharge		No defences		Seawall, groynes, recharge	
foreshore	and safety hazard caused if defences at the foot of cliffs are not maintained (technical)																			
In-shore fishing grounds	Inappropriate sea defence works or maintenance activities could affect the coastal processes and hence the fishing grounds	No																		
Pier	Potential loss of the pier through undermining structural supports if beach drops	Yes	Prevent loss of recreational facility (Hastings Pier)	Sub-regional	High	No	Yes	2R	N	Undermining of the pier commences	Y	No loss	N	Pier undermined and lost	Y	No loss	N	No pier	Y	No loss
Pier	Potential loss of the pier through undermining structural supports if beach drops	Yes	Prevent loss of pier to erosion (heritage value)	Regional	Medium	No	No	4A	N	Undermining of the pier commences	Y	No loss	N	Pier undermined and lost	Y	No loss	N	No pier	Y	No loss
Esplanade	Potential loss of or damage to esplanade through erosion	Yes	Maintain access to beach at Hastings	Sub-regional	Low	No	Yes	4R	N	Esplanade remains intact but will experience overtopping	Y	Esplanade remains intact	N	Esplanade lost	Y	Esplanade remains	N	Esplanade lost	Y	Esplanade remains
Esplanade	Impacts on car parking beneath the promenade through erosion or repeated flooding	Yes	Maintain car parking facilities in Hastings	Local	Medium	No	Yes	4I	N	Esplanade remains intact but will experience overtopping	Y	Esplanade remains intact	N	Esplanade lost	Y	Esplanade remains	N	Esplanade lost	Y	Esplanade remains
Rowing Club	Potential loss of facility from erosion.	Yes	Prevent loss of recreational facility to erosion	Local	Medium	No	Yes	4R	N	Promenade remains intact but will experience overtopping	Y	Promenade remains intact	N	Promenade lost	Y	Promenade remains	N	Promenade lost	Y	Promenade remains
Grand Parade car park	Potential loss of facility from erosion.	Yes	Maintain car park facilities in Hastings	Local	Medium	Yes	Yes	5I	N	Car park remains intact but will experience overtopping	Y	Car park maintained	N	Car park lost due to flood and coastal erosion	Y	Car park maintained	N	No car park	Y	Car park maintained
Hastings Old Town conservation area	Conservation Area threatened by erosion	Yes	Prevent loss of Hastings Old Town heritage value	National	Medium	No	No	3A	N	Conservation area at risk from flooding and erosion	Y	Conservation area protected	N	Conservation area flooded / eroded	Y	Conservation area protected	N	Conservation area flooded/eroded/lost	Y	Conservation area protected
Access to the beach	Potential loss of access to beach through erosion or management measures	Yes	Maintain access to beach at Hastings	Sub-regional	Low	No	Yes	4R	N	Beach similar to present	Y	Beach similar to present	Y	Beach present	Y	Beach similar to present	N	Little beach left	N	Little beach left, engineering structures dominate the foreshore
Hastings Cliffs (cSAC)	Continual erosion of cliffs necessary to maintain a clear face for geological study (environmental) and to maintain the biological interests	Yes	Maintain Hastings Cliffs as a candidate SAC of international importance	National	High	No	No	1E	Y	Maintained through cliff erosion	N	Erosion restricted, habitats affected	Y	Maintained through cliff erosion	N	Erosion restricted, habitats affected	Y	Maintained through cliff erosion	N	Erosion restricted, habitats affected
Castle Hill SNCI	Need to maintain erosion of the cliffs	No	Maintain or improve existing habitats	Sub-regional	Medium	No	Yes	4E	Y	Maintained through cliff erosion	N	Erosion restricted, habitats affected	Y	Maintained through cliff erosion	N	Erosion restricted, habitats affected	Y	Maintained through cliff erosion	N	Erosion restricted, habitats affected
High Street Wall and All Saints Street Wall SNClS	Need to maintain erosion of the cliffs	No	Maintain or improve existing habitats	Sub-regional	Medium	No	Yes	4E	Y	Maintained through cliff erosion	N	Erosion restricted, habitats affected	Y	Naturally functioning coast, habitat compensation	N	Erosion restricted, habitats affected	Y	Maintained through cliff erosion	N	Erosion restricted, habitats affected
Rock-A-Nore Shingle Beach	Potential threat to shingle	Yes	Maintain / improve existing	Sub-regional	Medium	No	Yes	4E	Y	Naturally functioning coast, habitat compensation	N	Erosion restricted,	Y	Naturally functioning coast, habitat compensation	N	Erosion restricted,	Y	Naturally functioning coast, habitat compensation	N	Erosion restricted,

G3.25 LOCATION: HASTINGS (INCLUDING HASTINGS HARBOUR)									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Defences start to fail		Seawall, groynes, recharge		No defences		Seawall, groynes, recharge		No defences		Seawall, groynes, recharge	
											habitats affected				habitats affected				habitats affected	
SNCI	habitat if beach levels lowered		habitats																	
Life Boat station	With a beach launching facility for the lifeboat the way the coastline is managed is crucial for the operational efficiency of the lifeboat	Yes	Maintain Lifeboat Station in Hastings	International	Medium	No	Yes	2I	Y	Life boat station and operation maintained	Y	Life boat station and operation maintained	N	Life boat station and operation affected	Y	Life boat station and operation maintained	N	Life boat station and operation affected	Y	Life boat station and operation maintained
Rock-a-Nore Pumping Station	Potential loss erosion	Yes	Maintain services to properties	Local	Medium	Yes	Yes	5I	N	Pumping station at risk from flooding and erosion	Y	No loss	N	Pumping station eroded and flooded	Y	No loss	N	Pumping station lost	Y	No loss
Harbour	Erosion of the beach would undermine structures and lead to loss of facilities	Yes	Maintain Hastings Harbour as a viable commercial facility	National	High	No	Yes	2I	Y	No loss, structures weakened	Y	No loss	N	Structures weakened, commercial facility destroyed	Y	No loss	N	Harbour and commercial facility lost	Y	No loss
Harbour	Maintain the viability of operations within the harbour (socio-economic)	Yes	Prevent loss of recreation facilities at Hastings Harbour	Sub-regional	Medium	No	Yes	3R	N	No loss, structures weakened	Y	No loss	N	Structures weakened, recreational facility destroyed	Y	No loss	N	Harbour and recreational facility lost	Y	
Scheduled Ancient Monuments	Risk of damage to important valuable heritage buildings	Yes	Prevent loss of Hastings Castle and Hastings Wall to erosion	National	High	No	No	2A	N	Heritage monuments at risk	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	National to Regional	High to Medium	No	No	2 – 4A	N	Heritage monuments at risk	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	High benefits	Y	No costs	Y	High benefits	Y	No costs	Y	High benefits
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Release sediment to foreshore	P	Some downdrift affects	Y	Release sediment to foreshore	P	Some downdrift affects	Y	Release sediment to foreshore	P	No significant adverse downdrift affects
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						N	Loss of beach habitat	P	Existing biodiversity maintained	N	Loss of beach habitat	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained

G3.26 LOCATION: GLYNE GAP TO BULVERHYTHE									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Defences start to fail	Seawall/rock revetment	No defences	Seawall/rock revetment	No defences	Seawall/rock revetment	No defences	Seawall/rock revetment				
Commercial Property	Potential loss of business through erosion	Yes	Prevent loss of commercial properties at Glyne Gap to erosion	Local	Medium	No	Yes	5C	N	Risk of properties being flooded	Y	No loss	N	Properties flooded / eroded	Y	No loss	N	Properties flooded / eroded	Y	No loss
Hastings to Eastbourne Railway at Glyne Gap	Potential damage and loss from erosion	Yes	Maintain major communication rail link between Hastings and Eastbourne	Regional	High	No	Yes	3I	N	Infrastructure at risk from flooding and erosion	Y	No loss	N	Infrastructure flooded and eroded	Y	No loss	N	Infrastructure destroyed	Y	No loss
A259 Road Link	Potential damage and loss from flooding through overtopping of defences	Yes	Maintain communication link between Hastings and Bexhill	Sub-regional	Medium	Yes	No	3I	N	Infrastructure at risk from flooding and erosion	Y	No loss	N	Infrastructure flooded and eroded	Y	No loss	N	Infrastructure destroyed	Y	No loss
Foul water rising main	Potential loss through erosion	Yes	Maintain services to properties	Sub-regional	High	Yes	Yes	3I	N	Integrity of service threatened	Y	No loss	N	Service lost	Y	No loss	N	Service lost	Y	No loss
Beach	Potential loss of an amenity beach from erosion	Yes	Maintain a beach suitable for recreational purposes at Glyne Gap	Sub-regional	Low	No	Yes	4R	Y	Beach similar to present	Y	Beach similar to present	P	Beach present	P	Beach present	N	Little beach left	N	Little beach left
Leisure Centre	Potential loss through erosion	Yes	Prevent loss of recreational facilities at Glyne Gap to erosion	Local	High	No	Yes	4R	N	Leisure centre at risk from flooding	Y	Leisure Centre not affected	N	Leisure centre lost due to flooding and erosion	Y	Leisure Centre not affected	N	Leisure centre lost	Y	Leisure Centre not affected
Filsham Reed beds LNR	Potential damage to the habitat from flooding	Yes	Maintain recreational value of conservation site	Local	Low	No	Yes	3E	N	Reed beds at risk from saline intrusion, recreational facility lost, habitat compensation	Y	No loss	N	Recreational facility lost, habitat compensation	Y	No loss	N	Recreational facility lost, habitat compensation	Y	No loss
Glyne Gap Marsh SNCI	Potential damage to the habitat from flooding	Yes	Maintain existing habitats	Sub-regional	Medium	No	Yes	3E	N	Saline intrusion would damage the freshwater habitat	Y	No loss	N	Saline intrusion would destroy the freshwater habitat	Y	No loss	N	Freshwater habitat destroyed, habitat compensation	Y	No loss
Combe Haven SSSI	An inland site dependent on the freshwater drainage regime. Shore protection is required to avoid saline inundation of the site.	Yes	Maintain existing habitats	National	High	No	No	2E	N	Saline intrusion would damage the freshwater habitat	Y	No loss	N	Saline intrusion would damage the freshwater habitat	Y	No loss	N	Freshwater habitat destroyed, habitat compensation	Y	No loss
Housing	Potential risk of flooding of housing	Yes	Prevent damage to/loss of residential properties at Bulverhythe due to flooding	Sub-regional	Medium	NO	Yes	3H	N	Properties at risk from flooding	Y	No loss	N	Properties flooded / eroded	Y	No loss	N	Properties flooded / eroded	Y	No loss
Commercial Property	Potential loss of industrial units	Yes	Prevent damage to/loss of commercial properties at Bulverhythe due to flooding	Local	Medium	No	Yes	5C	N	Properties at risk from flooding	Y	No loss	N	Properties flooded / eroded	Y	No loss	N	Properties flooded / eroded	Y	No loss
Beach launch fleet	The way in which the coastline is managed may have an adverse effect on the feasibility of launching vessels from the beach	Yes	Maintain launch sites in the Bulverhythe area	Local	Medium	No	Yes	5C	Y	Beach similar to present	Y	Beach similar to present	P	Beach present	P	Beach present	N	Little beach left	N	Little beach left, hard defences in place
Rail Link	Potential damage and loss from flooding/erosion	Yes	Maintain major communication rail link between Hastings and	Regional	High	No	Yes	3I	N	Infrastructure at risk from flooding and erosion	Y	No loss	N	Infrastructure flooded and eroded	Y	No loss	N	Infrastructure destroyed	Y	No loss



G3.26 LOCATION: GLYNE GAP TO BULVERHYTHE									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Defences start to fail		Seawall/rock revetment		No defences		Seawall/rock revetment		No defences		Seawall/rock revetment	
	through overtopping of defences		Eastbourne																	
Sea outfalls	Possible impact on the operation of long fall sea outfalls	Yes	Maintain sea outfalls at Bulverhythe	Local	Low	Yes	Yes	6I	N	Integrity of outfall threatened	Y	Outfall maintained	N	Outfall facility lost due to flooding and erosion	Y	Outfall maintained	N	Outfall facility lost due to flooding and erosion	Y	Outfall maintained
Territorial Army Centre	Potential loss of industrial units	Yes	Prevent damage to/loss of TA facilities at Bulverhythe due to flooding	Regional	Medium	No	Yes	4I	N	TA facilities at risk from flooding and erosion	Y	No loss	N	TA facilities flooded and eroded	Y	No loss	N	TA facilities destroyed	Y	No loss
Chalets	Potential loss of holiday chalets adjacent to the beach	Yes	Prevent damage to/loss of beach properties at Bulverhythe due to flooding or erosion	Local	Low	No	Yes	5R	N	Chalets at risk from flooding and erosion	Y	No loss	N	Chalets flooded and eroded	Y	No loss	N	Chalets destroyed	N	Chalets relocated due to a lack of beach
Bulverhythe Shingle Beach and Cliffs SNCI	The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain / improve existing habitats	Sub-regional	Medium	No	No	3E	Y	Maintained through cliff erosion	N	Restricted by the presence of defences	Y	Maintained through cliff erosion	N	Restricted by the presence of defences	Y	Maintained through cliff erosion	N	Restricted by the presence of defences
Beach and foreshore <sup>5</sup>	Potential health and safety hazard caused if defences at the foot of cliffs are not maintained (technical)	No	Risk of injury to the public																	
Scheduled Ancient Monuments	Risk of damage to important valuable heritage buildings	Yes	Prevent damage to/loss of heritage sites due to flooding or erosion	National	High	No	No	2A	N	Heritage monuments at risk	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved
Other archaeological sites	Potential threat to monuments from flooding and erosion, the way in which the coastline is managed may have an adverse effect	Yes	Prevent loss of maritime archaeology sites to erosion (the <i>Amsterdam</i> has statutory protection)	National	High	No	No	2A	N	Heritage monuments at risk	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	High benefits	Y	No costs	Y	High benefits	Y	No costs	Y	High benefits
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Release sediment to foreshore	P	Some downdrift affects	Y	Release sediment to foreshore	P	Some downdrift affects	Y	Release sediment to foreshore	P	No significant adverse downdrift affects
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						N	Loss of beach habitat	P	Existing biodiversity maintained	N	Loss of beach habitat	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained

<sup>5</sup> This feature does not affect policy and therefore no objective or ranking is relevant.



G3.27 LOCATION: BEXHILL AND COODEN									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Defences start to fail	Seawall	No defences	Seawall	No defences	Seawall	No defences	Seawall				
Housing	Potential loss of housing within the town through erosion.	Yes	Prevent loss of residential properties to erosion	Sub-regional	Medium	No	Yes	3H	N	Risk of properties being flooded	Y	No loss	N	Properties flooded / eroded	Y	No loss	N	Properties flooded / eroded	Y	No loss
Areas of High Townscape Value	Conservation Area threatened by erosion	Yes	Prevent loss of Bexhill conservation area to erosion	National	Medium	No	No	3A	N	Risk of flooding / damage	Y	No loss	N	Conservation areas flooded / eroded	Y	No loss	N	Conservation areas flooded / eroded	Y	No loss
Commercial Property	Potential loss of businesses through erosion	Yes	Prevent loss of commercial properties to erosion	Local	Medium	No	Yes	5C	N	Risk of properties being flooded	Y	No loss	N	Properties flooded / eroded	Y	No loss	N	Properties flooded / eroded	Y	No loss
Beach launch points at Cooden	The way in which the coastline is managed may have an adverse effect on the feasibility of launching vessels from the beach	Yes	Maintain launch sites at Cooden	Local	Medium	No	Yes	5C	N	Beach present	Y	Beach similar to present	N	Beach present	Y	Beach present	N	Little beach remains	Y	Little beach remains
Beach and foreshore	Little Galley Hill, a submerged forest	Yes	Prevent loss of maritime archaeology sites to erosion	Regional	Low	No	No	5H	Y	Does not impact on the forest	Y	Does not impact on the forest	Y	Does not impact on the forest	Y	Does not impact on the forest	Y	Does not impact on the forest	Y	Does not impact on the forest
Infrastructure	Potential loss of or damage to services and roads through erosions	Yes	Maintain services to properties in Bexhill	Local	Medium	Yes	Yes	5I	N	Infrastructure at risk from flooding and erosion	Y	No loss	N	Infrastructure flooded and eroded	Y	No loss	N	Infrastructure destroyed	Y	No loss
Infrastructure	Potential loss of or damage to services and roads through erosions	Yes	Maintain communication links within Bexhill	Sub-regional	Medium	Yes	Yes	4I	N	Infrastructure at risk from flooding and erosion	Y	No loss	N	Infrastructure flooded and eroded	Y	No loss	N	Infrastructure destroyed	Y	No loss
Esplanade	Impacts on services in the promenade through erosion or repeated flooding.	Yes	Prevent loss of services to erosion	Sub-regional	High	Yes	Yes	3I	N	Esplanade at risk from flooding / erosion	Y	No loss	N	Esplanade eroded and flooded on a regular basis	Y	No loss	N	Esplanade lost	Y	No loss
Galley Hill Foul Water Pumping Station	Possible impact on the operation of the station	Yes	Maintain services to properties	Sub-regional	High	Yes	Yes	3I	N	Pumping station at risk from flooding	Y	No loss	N	Pumping station affected by flooding / erosion	Y	No loss	N	Pumping station lost	Y	No loss
Esplanade	Potential loss of esplanade through erosion	Yes	Maintain access to beach at Bexhill	Sub-regional	Low	No	Yes	4R	N	Esplanade at risk from flooding / erosion	Y	No loss	N	Esplanade eroded and flooded on a regular basis	Y	No loss	N	Esplanade lost	Y	No loss
Beach and foreshore	The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain a beach suitable for recreational purposes	Sub-regional	Low	No	Yes	4R	P	Beach present	Y	Beach present	Y	Little beach left	Y	Little beach left	P	Little beach left	N	Engineering structures
Cooden Cliffs SSCI	Need to maintain natural processes on SSCI	Yes	Maintain and / or improve the existing landscape / habitats	Sub-regional	Medium	No	Yes	4E	Y	Maintained through cliff erosion	N	Restricted by the presence of defences	Y	Maintained through cliff erosion	N	Restricted by the presence of defences	Y	Maintained through cliff erosion	N	Restricted by the presence of defences
Access to the beach	Potential loss of access to beach through erosion or management measures	Yes	Maintain access to beach at Bexhill	Local	Low	Yes	Yes	5I	N	Beach present but structures dangerous	Y	Access maintained	N	Access lost	Y	Access maintained	N	Access lost	Y	Access maintained
Beach and foreshore	Potential health and safety hazard caused if defences at the foot of cliffs are not maintained (technical)	No																		

G3.27 LOCATION: BEXHILL AND COODEN									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)						
									NAI		HOLD		NAI		HOLD		NAI		HOLD				
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Defences start to fail		Seawall		No defences		Seawall		No defences		Seawall				
Scheduled Ancient Monuments	Risk of damage to important valuable heritage buildings	Yes	Prevent damage to/loss of heritage sites due to flooding or erosion	National	High	No	No	2H	N	Heritage monuments at risk	Y	Heritage monuments presevered	N	Heritage monuments at risk / lost	Y	Heritage monuments presevered	N	Heritage monuments at risk / lost	Y	Heritage monuments presevered			
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs		Y	High benefits	Y	No costs		Y	High benefits	Y	No costs		Y	High benefits
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Release sediment to foreshore		P	Some downdrift affects	Y	Release sediment to foreshore		P	Some downdrift affects	Y	Release sediment to foreshore		P	No significant adverse downdrift affects
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						N	Loss of beach habitat		P	Existing biodiversity maintained	N	Loss of beach habitat		P	Existing biodiversity maintained	Y	Increase shoreline habitat quality		P	Existing biodiversity maintained

G3.28 LOCATION: PEVENSEY & HOOE LEVELS									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)							
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		REALIGN 1		REALIGN 2		HOLD	
									All defences will fail		Groynes, recycling		No defences		Groynes, recycling		No defences		Secondary defence		Secondary defence		hard structure?	
Housing	Potential flooding of housing through overtopping of defences	Yes	Prevent damage to/loss of residential properties at Cooden due to flooding or erosion	Sub-regional	Medium	No	Yes	3H	N	Flooding and risk to Eastbourne	Y	No loss	N	Flooding and risk to Eastbourne	Y	No loss	N	Flooding and risk to Eastbourne	N	Flooding and loss	N	Flooding s and loss	Y	No loss - might be overtopping risks
Cooden Moat	Threat of damage to monument from flooding.	Yes	Prevent damage to/loss of Cooden Moat heritage sites due to flooding or erosion	National	High	No	No	2A	N	Heritage monuments threatened	Y	Heritage monuments preserved	N	Heritage monuments threatened / lost	Y	Heritage monuments preserved	N	Heritage monuments lost	Y	Heritage monuments preserved				
Beach Huts	Potential damage to and/or loss of huts which sit at the crest of the beach	Yes	Prevent damage to/loss of beach properties in Pevensey Bay due to flooding or erosion	Local	Low	No	Yes	5H	N	Beach present but damage will be experienced	Y	No loss	N	Beach present but damage / loss will be experienced	Y	Huts could be threatened by flooding / erosion	N	Regular flooding of the Levels	N	Regular flooding of the Levels	N	Regular flooding of the Levels	Y	Huts threatened by flooding / erosion
Commercial Property	Potential flooding of businesses through overtopping of defences	Yes	Prevent damage to/loss of commercial properties at Cooden due to flooding or erosion	Local	Medium	No	Yes	5C	N	Commercial properties at risk, flooding through to Eastbourne	Y	No loss	N	Commercial properties lost, flooding through to Eastbourne	Y	No loss	N	Commercial properties lost, flooding through to Eastbourne	N	Commercial properties lost	N	Commercial properties lost	Y	No loss - might be overtopping risks
Caravan and camping sites	Potential loss or damage to the site through erosion	Yes	Prevent loss of tourist accommodation in Cooden to erosion	Local	Medium	No	Yes	5C	N	Tourist accommodation at risk from flooding	Y	No loss	N	Tourist accommodation lost due to flooding	Y	No loss - might be overtopping risks	N	Tourist accommodation lost due to flooding	N	Tourist accommodation lost due to flooding	N	Tourist accommodation lost due to flooding	Y	No loss - might be overtopping risks
Agricultural land	Potential loss of land through flooding	Yes	Prevent damage to/loss of farmland due to flooding	Sub-regional	Low	Yes	Yes	5C	N	Saline intrusion	Y	No loss	N	Widespread saline intrusion	Y	No loss	N	Widespread saline intrusion	N	Widespread saline intrusion	N	Widespread saline intrusion	Y	No loss - might be overtopping risks
Nursery grounds for fish and crustaceans	Potential impact on crab and lobster potting (socio-economic and environmental)	No		Local	Medium	No	Yes																	
Beach launching points for fishing vessels	The way in which the coastline is managed may have an adverse effect on the feasibility of launching vessels from the beach (socio-economic)	Yes	Maintain launch sites in the Pevensey Area	Local	Medium	No	Yes	5C	Y	Beach present	Y	Beach present	N	Beach / barrier segmentation	Y	Beach present, maintained with groynes and recycling	N	Barrier segmentation / flooding	N	Barrier segmentation / flooding	N	Barrier segmentation / flooding	Y	Beach present, maintained with groynes and recycling
General Infrastructure	Potential flooding or damage to services and amenities through overtopping of defences	Yes	Maintain services to properties at Cooden	Sub-regional	Medium	Yes	Yes	4I	N	Infrastructure at risk	Y	Infrastructure intact	N	Infrastructure at risk to flooding and erosion	Y	Infrastructure intact	N	Infrastructure undermined and lost	P	Some infrastructure intact	P	Some infrastructure intact	Y	Infrastructure intact
Rail link	Potential damage and loss from flooding/erosion through overtopping of defences socio-economic)	Yes	Maintain major communication link between Hastings and Eastbourne	Regional	High	No	Yes	3I	N	Infrastructure at risk	Y	Infrastructure intact	N	Infrastructure at risk to flooding and erosion	Y	Infrastructure intact	N	Infrastructure undermined and lost	N	Railway line lost	N	Railway line lost	Y	Infrastructure intact
Land Drainage Outfalls	Possible impact on the operation of the outfalls	Yes	Maintain drainage outfalls	Local	Low	Yes	Yes	6I	N	Drainage outfall at risk from flooding / erosion	Y	Drainage outfall maintained	N	Service interrupted	Y	Drainage outfall maintained	N	Service interrupted	N	Drainage outfall at risk from flooding / erosion	N	Drainage outfall at risk from flooding / erosion	Y	Drainage outfall maintained

G3.28 LOCATION: PEVENSEY & HOOE LEVELS									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)								
Feature		Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		REALIGN 1		REALIGN 2		HOLD	
										All defences will fail	Groynes, recycling		No defences		Groynes, recycling		No defences		Secondary defence		Secondary defence		hard structure?		
Beach and foreshore		The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain a beach suitable for recreational purposes	Sub-regional	Low	No	Yes	4R	Y	Beach similar to present	Y	Beach similar to present	N	Beach / barrier segmentation	P	Beach present	N	Barrier segmentation / flooding	N	Barrier segmentation / flooding	N	Barrier segmentation / flooding	Y	Beach present
Access to the beach		Potential loss of access to beach through erosion or management measures	Yes	Maintain an access to beach	Local	Low	Yes	Yes	6R	Y	Beach similar to present	Y	Beach similar to present	N	Beach / barrier segmentation	Y	Beach present	N	Barrier segmentation / flooding	N	Barrier segmentation / flooding	P	Barrier segmentation / flooding	N	Beach present
1066 Country Walk		Risk of being lost to erosion or flooding	Yes	Maintain 1066 Country walk for recreational use	Local	Medium	No	Yes	4R	Y	Walk maintained	Y	Walk maintained	N	Walk at risk from flood inundation	Y	Walk maintained	N		Y	Walk maintained	Y	Walk maintained	Y	Walk maintained
SNCI east of The Crumbles		Potential impact on habitats supported by the shingle beach	Yes	Maintain and / or improve existing habitats	Sub-regional	Medium	No	No	4E	Y	Naturally functioning coastline, habitat compensation	Y	Shingle beach/habitat maintained in the short term	Y	Naturally functioning coastline, habitat compensation	N	Adverse affects on coastal processes and habitats	Y	Naturally functioning coastline, habitat compensation	Y	Naturally functioning coastline, habitat compensation	Y	Naturally functioning coastline, habitat compensation	N	Adverse affects on coastal processes and habitats
Pevensey Levels and Hooe Levels		A wide tract of land below the normal tide levels liable to inundation.	Yes	Maintain and / or improve existing habitats	International	High	No	No	1E	N	Naturally functioning coastline, habitat compensation	Y	Shingle beach/habitat maintained in the short term	N	Naturally functioning coastline, habitat compensation	Y	Adverse affects on coastal processes and habitats	N	Naturally functioning coastline, habitat compensation	Y	Naturally functioning coastline, habitat compensation	N	Naturally functioning coastline, habitat compensation	Y	Adverse affects on coastal processes and habitats
Pevensey Levels and Hooe Levels		Potential to improve environmental quality by allowing limited retreat of shoreline	Yes	Improve existing habitats	National	High	No	Yes	3E	Y	New intertidal habitat created (compensate for loss of RAMSAR)	P	Shingle beach/habitat maintained	Y	New intertidal habitat created (compensate for loss of RAMSAR)	P	Shingle beach/habitat maintained	Y	New intertidal habitat created (compensate for loss of RAMSAR)	Y	New intertidal habitat created (compensate for loss of RAMSAR)	Y	New intertidal habitat created (compensate for loss of RAMSAR)	N	A beach will exist
Bird habitats		The way in which the coastline is managed may disturb duck habitats	No		National	High	No	Yes																	
Shingle ridges along the coastline		Potential damage to established vegetation on the those areas of stable ridges	Yes	Maintain existing habitats	Sub-regional	Medium	No	Yes	4E	Y	Need to compensate for loss of RAMSAR	N	Shingle beach/habitat maintained in the short term	P	Need to compensate for loss of RAMSAR	N	Adverse affects on coastal processes and habitats	Y	Naturally functioning coastline, habitat compensation	Y	A more naturally functioning coastline, habitat compensation	Y	A more naturally functioning coastline, habitat compensation	N	Adverse affects on coastal processes and habitats
Weir Wood Local Nature Reserve		Potential damage to established vegetation	Yes	Maintain existing habitats	Sub-regional	Medium	No	Yes	4E	N	Habitat could be threatened due to saline intrusion	Y	Habitat would be maintained but this is an artificial environment	N	Habitat threatened due to saline intrusion	Y	Habitat would be maintained but this is an artificial environment	N	Habitat lost	N	Habitat threatened due to saline intrusion	N	Habitat lost	Y	Habitat would be maintained but this is an artificial environment
Beach and foreshore		Potential health and safety hazard caused if defences at the foot of cliffs are not maintained (technical)	No																						
Royal Sovereign Shoals mSNCI		Potential disturbance	No																						
Royal Sovereign Shoals Maritime Archaeological site		Potential disturbance to fishing grounds	No																						
Scheduled Ancient Monuments		Risk of damage to important valuable heritage buildings	Yes	Prevent damage to/loss of heritage sites due to flooding or erosion	National	High	No	No	2A	N	Heritage monuments at risk	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	P	Heritage monuments at risk / lost	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved
Other archaeological sites		Potential threat to monuments from flooding	Yes	Prevent damage to/loss of the site due to	High to Medium	No	No	2 - 4A	3A	N	Heritage monuments at risk	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved	N	Heritage monuments at risk / lost	P	Heritage monuments at risk / lost	N	Heritage monuments at risk / lost	Y	Heritage monuments preserved

G3.28 LOCATION: PEVENSEY & HOOE LEVELS									0-20 (up to 2025)		20-50 (up to 2055)		50-100 (up to 2105)											
Feature	Issue associated with Feature and erosion	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		REALIGN 1		REALIGN 2		HOLD			
									All defences will fail		Groynes, recycling		No defences		Groynes, recycling		No defences		Secondary defence		Secondary defence		hard structure?	
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	Significant economic benefits	Y	No costs	Y	Significant economic benefits	Y	No costs	N	Significant costs and significant losses	N	Significant costs and significant losses	Y	No costs
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	No adverse affect on coastal processes	P	Sediment feed / transport limited but impact minimal	Y	No adverse affect on coastal processes	P	Sediment feed / transport limited but impact minimal	Y	No adverse affect on coastal processes	Y	No adverse affect on coastal processes	Y	No adverse affect on coastal processes	P	Sediment feed / transport limited but impact minimal
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						P	New intertidal habitat created (compensate for loss of RAMSAR)	P	Existing habitat maintained	P	New intertidal habitat created (compensate for loss of RAMSAR)	N	Loss of shingle habitat	Y	New intertidal habitat created (compensate for loss of RAMSAR)	P	New intertidal habitat created (compensate for loss of RAMSAR)	P	New intertidal habitat created (compensate for loss of RAMSAR)	N	Loss of shingle habitat

G3.29 LOCATION: SOVEREIGN HARBOUR									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Defences start to fail	Harbour arms	All defences will fail	Harbour arms	No defences	Harbour arms						
Sovereign Harbour housing	A low-lying area of land to the north west of the harbour allocated for housing, business and harbour business and harbour uses is threatened by flooding	Yes	Prevent damage to/loss of residential properties at The Crumbles due to flooding	Sub-regional	High	No	Yes	2H	N	Houses at risk from flooding and erosion	Y	No loss	N	Houses lost due to flooding and erosion	Y	No loss	N	Houses lost due to flooding and erosion	Y	No loss
Housing	Potential flooding of housing through overtopping of defences (socio-economic)	Yes	Prevent loss of homes, anxiety and stress, potential death, property devaluation	Sub-regional	Medium	No	Yes	3H	N	Houses at risk from flooding and erosion which will cause stress	Y	No loss	N	Houses lost due to flooding and erosion, stress caused	Y	No loss	N	Houses lost due to flooding and erosion, stress encountered	Y	No loss
Sovereign Harbour Marina	Potential erosion of the harbour	Yes	Prevent loss of Sovereign Harbour to erosion	National	High	No	Yes	2C	Y	Houses and commercial properties at risk from flooding and erosion	N	No loss	P	Houses and commercial properties lost due to flooding and erosion	Y	No loss	N	Houses and commercial properties lost due to flooding and erosion	Y	No loss
RNLI Lifeboat and Inshore Rescue Boat Station (located in the harbour)	The way the coastline is managed is crucial for the operational efficiency of the service.	Yes	Maintain Lifeboat Station in Eastbourne	International	Medium	No	Yes	2I	Y	Life boat station and operation maintained	Y	Life boat station and operation maintained	N	Life boat station and operation affected	Y	Life boat station and operation maintained	N	Life boat station and operation affected	Y	Life boat station and operation maintained
Sailing Club	Threats to vegetated shingle banks	Yes	Prevent loss of recreational facilities	Sub-regional	Low	No	Yes	4R	N	Beach similar to present	Y	Beach similar to present	N	Beach present	Y	Beach similar to present	N		Y	Beach present
Sovereign Harbour Eastern and Western Beaches SNCI	Threats to vegetated shingle banks	Yes	Maintain existing habitats	Sub-regional	Medium	No	No	4E	Y	Naturally functioning coastline	Y	Naturally functioning coastline	Y	Naturally functioning coastline	P		Y	Naturally functioning coastline	N	Increasingly difficult to maintain habitat due to sea level rise
Scheduled Ancient Monuments	Threat of damage to important and valuable heritage buildings.	Yes	Prevent damage to/loss of Martello Towers due to flooding and erosion	National	High	No	No	2H	Y	Heritage monuments preserved	Y	Heritage monuments preserved	N	Heritage monuments threatened	Y	Heritage monuments preserved	N	Heritage monuments threatened/lost	Y	Heritage monuments preserved
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	High to Medium	No	No	2 – 4A	3A	Y	Heritage monuments preserved	Y	Heritage monuments preserved	N	Heritage monuments threatened	Y	Heritage monuments preserved	N	Heritage monuments threatened/lost	Y	Heritage monuments preserved
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs	Y	High benefits	Y	No costs	Y	High benefits	Y	No costs	Y	High benefits
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Release sediment to foreshore	P	Some downdrift affects	Y	Release sediment to foreshore	P	Some downdrift affects	Y	Release sediment to foreshore	P	No significant adverse downdrift affects
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						N	Loss of beach habitat	P	Existing biodiversity maintained	N	Loss of beach habitat	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained

G3.30 LOCATION: EASTBOURNE									0-20 (up to 2025)				20-50 (up to 2055)				50-100 (up to 2105)			
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD	
									Shingle recycling will cease	Seawall, groynes, recharge	All defences will fail	Seawall, groynes, recharge	No defences	Seawall, groynes, recharge						
Sewage treatment works and sea outfall	Potential flooding and erosion of the STW (socio-economic)	Yes	Yes	Important infrastructure for area.	Local community	Maintain services in area	Local	Low	Y	Sewerage service maintained	Y	Sewerage service maintained	N	Service interrupted	Y	Sewerage service maintained	N	Service affected	Y	Sewerage service maintained
RNLJ Inshore Rescue Boat Station	The way the coastline is managed is crucial for the operational efficiency of the service. (socio-economic)	Yes	Yes	Part of the national lifeboat service. With a beach launching facility for the IRB.	Local community. International and national mariners.	Maintain Lifeboat Station in Eastbourne	International	Medium	Y	Life boat station and operation maintained	Y	Life boat station and operation maintained	N	Life boat station and operation affected	Y	Life boat station and operation maintained	N	Life boat station and operation affected	Y	Life boat station and operation maintained
Housing	Potential loss of housing within the town through erosion.	Yes	Prevent loss of residential properties at Eastbourne to flooding and erosion	National	High	No	Yes	1H	P	Structures remain but there will be frequent overtopping	Y	No loss	N	Houses will be lost with defence failure due to flooding and erosion	Y	No loss	N	Houses will be lost with defence failure due to flooding and erosion	Y	No loss
Chalets	Potential loss of brick built chalets adjacent to beach	Yes	Provide recreational facilities for residents.	Local	Medium	No	Yes	4H	N	Structures remain but there will be frequent overtopping	Y	No loss	N	Chalets will be lost with defence failure due to flooding and erosion	Y	No loss	N	Chalets will be lost with defence failure due to flooding and erosion	Y	No loss
Beach Cabins	Potential damage to and/or loss of holiday cabins which sit on beach	Yes	Prevent damage to/loss of beach properties in Eastbourne due to flooding or erosion	Local	Low	No	Yes	5H	N	Beach reduces in size and defences become unsafe	Y	Cabins remain intact	N	Beach reduces in size, recreational amenity diminishes		No loss		Little recreational amenity left due to a lack of beach		No loss
Commercial Property	Potential loss of business through erosion	Yes	Prevent loss of commercial properties at Eastbourne to erosion	Regional	High	No	Yes	2C	P	Structures remain but there will be frequent overtopping	Y	No loss	N	Property will be lost with defence failure due to flooding and erosion	Y	No loss	N	Property loss will increase due to flooding and erosion	Y	No loss
Beach launch points	The way in which the coastline is managed may have an adverse effect on the feasibility of launching vessels from the beach	Yes	Maintain beach launch sites within Eastbourne	Local	Medium	No	Yes	5C	P	Beach reduces in size slightly	Y	Beach similar to present	N	Beach reduces in size, launch facility diminishes	Y	Beach similar to present	N	Beach reduces in size, launch facility lost	Y	Beach present
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain services to properties in Eastbourne	Local	Medium	Yes	Yes	5I	Y	Infrastructure maintained	Y	Infrastructure maintained	N	Infrastructure comes under attack from flooding and erosion	Y	Infrastructure maintained	N	Infrastructure lost due to flooding and erosion	Y	Infrastructure maintained
General Infrastructure	Potential loss of or damage to services, roads and amenities through erosion	Yes	Maintain services to properties in Eastbourne	Sub-regional	Medium	Yes	Yes	4I	Y	Infrastructure maintained	Y	Infrastructure maintained	N	Infrastructure comes under attack from flooding and erosion	Y	Infrastructure maintained	N	Infrastructure lost due to flooding and erosion	Y	Infrastructure maintained
Esplanade	Potential loss of or damage to services, road and amenities through erosion	Yes	Prevent damage to infrastructure facilities due to flooding or erosion	Local	Medium	Yes	No	4I	N	Esplanade remains intact but will experience overtopping	Y	Esplanade maintained	N	Esplanade comes under attack from flooding and erosion	Y	Esplanade maintained	N	Esplanade lost due to flooding and erosion	Y	Esplanade maintained
Land drainage outfall	Possible impact on the operation of the Crumbles outfall	Yes	Maintain drainage outfall at Eastbourne	Local	High	Yes	Yes	4I	Y	Drainage outfall maintained	Y	Drainage outfall maintained	N	Integrity of the outfall is reduced due to flooding and erosion	Y	Drainage outfall maintained	N	Outfall drainage lost due to flooding and erosion	Y	Drainage outfall maintained
Car Parks	Potential loss of facilities from erosion	Yes	Maintain car parking facilities in Eastbourne	Local	Medium	Yes	Yes	5I	Y	Car park remains intact but will experience flooding	Y	No loss	N	Car parks along the frontage lost	Y	No loss	N	Car parks along the frontage lost	Y	No loss
Sea outfalls	Possible impact on the operation of surface water outfalls	Yes	Maintain sea outfalls at Eastbourne	Local	Medium	Yes	Yes	5I	Y	Drainage outfall maintained	Y	Drainage outfall maintained	N	Integrity of the outfall is reduced due to flooding and erosion	Y	Drainage outfall maintained	N	Outfall drainage lost due to flooding and erosion	Y	Drainage outfall maintained



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									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Shingle recycling will cease		Seawall, groynes, recharge		All defences will fail		Seawall, groynes, recharge		No defences		Seawall, groynes, recharge	
A2290 and A259 Road Link	Potential damage and loss from flooding through overtopping of defences	Yes	Maintain major communication link between communities	Sub-regional	High	No	NO	3I	Y	Infrastructure maintained	Y	Infrastructure maintained	N	Infrastructure comes under attack from flooding and erosion	Y	Infrastructure maintained	N	Infrastructure lost due to flooding and erosion	Y	Infrastructure maintained
Pier	Potential loss of the pier through undermining structural supports if beach drops	Yes	Prevent loss of recreational facility (Eastbourne Pier)	Sub-regional	High	No	Yes	2R	N	Pier becomes undermined	Y	Pier remains intact	N	Pier lost due to erosion	Y	Pier remains intact	N	Pier lost due to erosion	Y	Pier remains intact
Esplanade	Potential loss through erosion	Yes	Maintain esplanade at Eastbourne for recreational use	Sub-regional	Low	No	Yes	4R	N	Esplanade remains intact but will experience overtopping	Y	Esplanade remains intact	N	Esplanade comes under attack from flooding and erosion	Y	Esplanade remains intact but may experience overtopping	N	Esplanade lost due to flooding and erosion	Y	Esplanade remains intact but may experience overtopping
Eastbourne Sea Cadet Corps	Potential loss of facility from flooding and erosion	Yes	Prevent damage to/loss of Eastbourne Sea Cadet Corps due to flooding	Local	High	No	Yes	4R	Y	Sea cadet corps not affected	Y	Sea cadet corps not affected	N	Sea cadet facility threatened due to flooding	Y	Sea cadet corps not affected	N	Sea cadet facility lost	Y	Sea cadet corps not affected
Spray Water Sports	Potential loss of facility from flooding and erosion	Yes	Prevent damage to leisure facility in Eastbourne due to flooding and erosion	Local	Medium	No	Yes	4R	N	Spray water sports not affected	Y	Spray water sports not affected	N	Spray water sports lost due to flooding and erosion. Dilapidated defence structures become a hazard	Y	Spray water sports not affected	N	Spray water sports lost due to flooding and erosion.	Y	Spray water sports not affected
Leisure Centre	Potential threat to building from flooding and erosion	Yes	Prevent damage to/loss of leisure facility at Eastbourne due to flooding and erosion	Local Medium	Medium	No	Yes	4R	Y	Leisure Centre maintained	Y	Leisure Centre maintained	N	Leisure centre threatened due to flooding	Y	Leisure Centre maintained	N	Leisure centre lost	Y	Leisure Centre maintained
The Redoubt Museum and Aquarium	Potential threat to monument from flooding and erosion	Yes	Prevent/damage to/loss of leisure facility due to flooding and erosion	Local	Medium	No	Yes	4R	N	Leisure facility not unduly affected	Y	Leisure facility not affected	N	Leisure facility threatened due to flooding and becoming structurally unsafe	Y	Leisure facility not affected	N	Leisure facility lost	Y	Leisure facility not affected
Eastbourne Sovereign Sailing Club	Potential loss of facility from flooding and erosion	Yes	Prevent damage to/loss of leisure facility due to flooding and erosion	Local	Medium	No	Yes	4R	Y	Beach similar to present	Y	Beach similar to present	N	Leisure facility threatened due to flooding	Y	Beach similar to present	N	Leisure facility lost	Y	Beach present
Eastbourne Angling Association	Potential loss of facility from flooding and erosion	Yes	Prevent damage to/loss of leisure facility due to flooding and erosion	Local	Medium	No	Yes	4R	N	Beach reduces in size, defence structures become a hazard	Y	Beach similar to present	N		Y	Beach similar to present	N		Y	Beach present
Beach and foreshore	The way in which the coastline is managed may have an adverse effect on the amenity value of the beach	Yes	Maintain a beach suitable for recreational purposes at Eastbourne	National	High	No	Yes	2R	N	Beach reduces in size, defence structures become a hazard	Y	Beach similar to present	N	Beach reduces in size	Y	Beach similar to present	N	Beach reduces in size	Y	Beach present
Helen Gardens SNCI	Erosion would lead to habitat losses and the popular amenity of the gardens themselves (socio-economic and environmental)	Yes	Prevent loss of Helen Gardens due to erosion	Local	Low	No	Yes	4R	Y	Natural coastal processes commence, defences start to break down	Y	Helen Gardens maintained	N	The gardens habitat and recreational facility would start to be lost due to erosion	Y	Helen Gardens maintained	N	The gardens habitat and recreational facility would be lost due to erosion	Y	Helen Gardens maintained
National cycle network	Route 21 runs along sea front and would be threatened by erosion	Yes	Maintain cycle network along Eastbourne frontage	National	High	No	Yes	2R	p	Cycle network threatened by flooding	Y	Cycle network maintained	N	Cycle network lost due to flooding and erosion	Y	Cycle network maintained	N	Cycle network lost due to flooding and erosion	Y	Cycle network maintained
Helen Gardens SNCI	Erosion would lead to habitat	Yes	Maintain existing habitats	Sub regional	Medium	No	Yes	4E	Y	Natural coastal processes	Y	Helen Gardens	N	The gardens habitat and recreational	Y	Helen Gardens	N	The gardens habitat and recreational	Y	Helen Gardens



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									NAI		HOLD		NAI		HOLD		NAI		HOLD	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	Shingle recycling will cease		Seawall, groynes, recharge		All defences will fail		Seawall, groynes, recharge		No defences		Seawall, groynes, recharge	
										commence, defences start to break down		maintained		facility would start to be lost due to erosion		maintained		facility would be lost due to erosion		maintained
Prince William Parade SNCI	Potential damage to the shingle habitat through erosion	Yes	Maintain existing habitats	Sub regional	Medium	No	Yes	4E	Y	Natural coastal processes will commence, habitat compensation	Y	Habitat maintained but adverse affect on coastal processes	Y	Natural coastal processes will commence, habitat compensation	Y	Habitat maintained but adverse affect on coastal processes	Y	Natural coastal processes will commence, habitat compensation	N	Increasingly difficult to maintain habitat due to sea level rise
Holywell (Pinnacle Point)	Potential impacts on groundwater aquifer quality if defences not maintained	Yes	Maintain groundwater aquifer viability at Holywell	Regional	High	No	No	2I	Y	Groundwater quality maintained	Y	Groundwater quality maintained	N	Groundwater quality threatened	Y	Groundwater quality maintained	N	Groundwater quality lost	Y	Groundwater quality maintained
In-shore waters	The way in which the coast is managed may impact upon the fisheries of the Pound (environmental)	Yes	The Pound is an exposed inshore reef supporting local fisheries. The Pound is also part of Seaford to Beachy Head SSSI	Sub-regional	High	No	Yes	3C	Y	It is likely that the fisheries will remain intact / not affected	Y	It is likely that the fisheries will remain intact / not affected	Y	It is likely that the fisheries will remain intact / not affected	Y	It is likely that the fisheries will remain intact / not affected	Y	It is likely that the fisheries will remain intact / not affected	Y	It is likely that the fisheries will remain intact / not affected
Holywell and Crow's Nest Steps SNCI	Coastal erosion	Yes	Maintain existing habitat	Sub-regional	Medium	No	Yes	4E	N	Natural coastal processes and erosion, habitat compensation	Y	Habitat maintained but adverse affect on coastal processes	N	Natural coastal processes and erosion, habitat compensation	Y	Habitat maintained but adverse affect on coastal processes	N	Natural coastal processes and erosion, habitat compensation	Y	Increasingly difficult to maintain habitat due to sea level rise
Pier	Potential loss of the pier through undermining structural supports if beach drops	Yes	Prevent loss of pier to erosion (heritage value)	Regional	Medium	No	No	4A	N	Pier becomes undermined	Y	Pier remains intact	N	Pier lost due to erosion	Y	Pier remains intact	N	Pier lost due to erosion	Y	Pier remains intact
Scheduled Ancient Monuments	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of Redoubt Fortress and site due to flooding and erosion	National	High	No	No	2A	Y	Heritage monuments preserved	Y	Heritage monuments preserved	N	Heritage monuments threatened	Y	Heritage monuments preserved	N	Heritage monuments threatened/lost	Y	Heritage monuments preserved
Other archaeological sites	Potential threat to monuments from flooding and erosion	Yes	Prevent damage to/loss of the site due to flooding and erosion	High to Medium	No	No	2 - 4A	3A	Y	Heritage monuments preserved	Y	Heritage monuments preserved	N	Heritage monuments threatened	Y	Heritage monuments preserved	N	Heritage monuments threatened/lost	Y	Heritage monuments preserved
Areas of High Townscape Value	Town Centre and Seafront Conservation Area threatened by erosion	Yes	Prevent loss of conservation areas in Eastbourne to erosion	Local	Low	No	No	5A	N	Heritage value preserved but at risk from flooding	Y	Heritage value preserved	N	Heritage value lost due to flooding and erosion	Y	Heritage value preserved	N	Heritage value lost due to flooding and erosion	Y	Heritage value preserved
Willingdon levels	Potential loss of Bronze Age artefacts	Yes	Prevent damage to/loss of Mornings Mill heritage site due to flooding or erosion	Regional	Medium	No	No	4A	P	Willingdon Levels could be flooded	Y	Willingdon Levels not flooded, artefacts intact	N	Willingdon Levels will become flooded	Y	Willingdon Levels not flooded, artefacts intact	N	Willingdon Levels waterlogged	Y	Willingdon Levels not flooded, artefacts intact
Beach and foreshore	Potential health and safety hazard caused if defences at the foot of cliffs are not maintained (technical)	No																		
Access to the beach	Potential loss of access to beach through erosion or management	Yes	Maintain access	Local	Low	No	Yes	5I	P	Integrity of the defence structures will come under attack	Y	Access maintained	N	Access limited and dangerous	Y	Access maintained	N	Access lost	Y	Access maintained, regular beach maintenance

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Feature		Issue associated with Feature measures	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		HOLD		NAI		HOLD		NAI		HOLD			
										Shingle recycling will cease		Seawall, groynes, recharge		All defences will fail		Seawall, groynes, recharge		No defences		Seawall, groynes, recharge			
																							required
Framework Objective				Comply with the current FCD management framework where public funding would be required for their implementation.					Y	No costs	Y	High benefits	Y	No costs	Y	High benefits	Y	No costs	Y	High benefits			
Technical Objective				Seek to have no adverse effect on any physical processes that benefits rely upon.					Y	Release sediment to foreshore	P	No significant adverse downdrift affects	Y	Release sediment to foreshore	P	No significant adverse downdrift affects	Y	Release sediment to foreshore	P	No significant adverse downdrift affects			
Environmental Objective				Seek to achieve Biodiversity Action Plan targets.					N	Loss of beach habitat	P	Existing biodiversity maintained	N	Loss of beach habitat	P	Existing biodiversity maintained	Y	Increase shoreline habitat quality	P	Existing biodiversity maintained			

G3.31 LOCATION: BEACHY HEAD									0-20 (up to 2025)		20-50 (up to 2055)		50-100 (up to 2105)	
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	NAI		NAI		NAI	
									No defences		No defences		No defences	
Cliff top businesses	Potential loss of public house/restaurant and amenities through erosion.	Yes	Prevent loss of commercial properties to erosion	Local	Medium	No	Yes	5C	Y	Commercial properties located landward of the erosion boundary	Y	Commercial properties located landward of the erosion boundary	Y	Commercial properties located landward of the erosion boundary
In-shore waters	The way in which the coast is managed may impact upon the fisheries of the Pound	Yes	Maintain fishery interests in the Pound area	Sub-regional	High	No	Yes	3C	Y	Naturally functioning coastline	Y	Naturally functioning coastline	Y	Naturally functioning coastline
Agricultural land	Potential loss of land through erosion	Yes	Prevent loss of farmland between Beachy Head and Eastbourne to erosion	Sub-regional	Low	Yes	Yes	5C	N	Very small losses	N	Very small losses	N	Very small losses
B2103 coast road	Road may be lost through erosion of the cliffs	Yes	Maintain existing local communications links along coastline	Sub-regional	Medium	Yes	Yes	4I	Y	located landward of the erosion boundary	Y	located landward of the erosion boundary	Y	located landward of the erosion boundary
Seaford to Beachy Head Cliffs	Potential loss of part of south Downs Way coastal route.	Yes	Maintain South Downs Way coastal route	National	High	No	Yes	2R	Y	Assumes footpath will move inland with the coast/cliffs	Y	Assumes footpath will move inland with the coast/cliffs	Y	Assumes footpath will move inland with the coast/cliffs
Seaford to Beachy Head Cliffs	Need to maintain natural processes on SSSI	Yes	Continued erosion of cliffs to maintain exposures	National	High	No	No	2E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion
Seaford to Beachy Head Cliffs	Need to maintain natural processes on SSSI	Yes	Maintain existing habitats of Seaford to Beach Head – these will be maintained by allowing room for the cliffs to erode inland, the primary objective is continued erosion through no active intervention and the continuation of natural processes.	National	High	No	No	2E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion
Seven Sisters Voluntary Marine Conservation Area	The way in which the coastline is managed may impact on the wave cut platform and its marine life.	Yes	Maintain existing marine and coastal habitats, as well as the geological and archaeological interest.	Sub-regional	Medium	No	No	4E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion
Hope Point mSNCI	Marine SNCI	Yes	Maintain / improve existing marine and coastal habitats, as well as the geological and archaeological interest.	Sub-regional	Medium	No	No	4E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion
Beachy Head mSNCI	Marine SNCI	Yes	Maintain existing marine and coastal habitats, as well as the geological and archaeological interest.	Sub-regional	Medium	No	No	4E	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion

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									NAI		NAI		NAI				
Feature	Issue associated with Feature	Affect Policy?	Objective	Scale	Importance	Enough?	Substitution?	Rank	No defences		No defences		No defences				
Open coastline	The way in which the coastline is managed may impact on the landscape quality	Yes		National, Local community & local economy	National High	No	No	1L	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion	Y	Maintained through cliff erosion			
In-shore Waters	Potential damage to the lobster and Crab fisheries between Beach Head and Pevensey Bay	No															
Horse of Willingdon and Elphick Tree	Important potting grounds	No															
Framework Objective			Comply with the current FCD management framework where public funding would be required for their implementation.						Y	No costs involved		Y	No costs involved		Y	No costs involved	
Technical Objective			Seek to have no adverse effect on any physical processes that benefits rely upon.						Y	Feed of sediment maintained		Y	Feed of sediment maintained		Y	Feed of sediment maintained	
Environmental Objective			Seek to achieve Biodiversity Action Plan targets.						Y	Limited chalk grassland may be lost		Y	Limited chalk grassland may be lost		Y	Limited chalk grassland may be lost	