

REPORT

Millport Coastal Flood Protection Scheme: Environmental Statement

Chapter 24 Summary and Conclusions

Client: North Ayrshire Council

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Acronyms

Acronym	Acronym description
EIA	Environmental Impact Assessment
LNCS	Local Nature Conservation Site
SSSI	Site of Special Scientific Interest
VP	Viewpoint

Glossary

Glossary Term

Glossary Text

Environmental Impact Assessment (EIA)

A statutory process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information, which fulfils the assessment requirements of the EIA Directive and EIA Regulations, including the publication of an Environmental Statement.

Environmental Statement (ES)

A document reporting the findings of the EIA and produced in accordance with the EIA Directive as transposed into UK law by the EIA Regulations.

Millport Coastal Flood Protection Scheme

The scheme consists of offshore rock armour structures which will be built in the vicinity of the rock islets within Millport Bay. Onshore works will include flood walls, improvement works to existing coast protection structures, and works to raise the level of existing grass areas. Works on the foreshore include shore-connected rock armour breakwaters and rock armour revetments.

20 Summary and Conclusions

1. This chapter summarises the potential impacts during the construction and operation of the Millport Coastal Flood Protection Scheme (the proposed scheme). Mitigation measures are detailed and a discussion of the residual impacts provided where significant impacts were identified.
2. General Environmental Impact Assessment (EIA) Methodology is provided in **Chapter 3**, with each chapter containing specific chapter related methodology.
3. As a flood prevention scheme, the proposed scheme is anticipated to be maintained rather than removed, and therefore decommissioning activities are currently unknown. This will be assessed at the time of any decommissioning activities required.

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
Chapter 6 Marine Geology, Oceanography and Physical Processes	Construction						
	Impact 1: Changes in suspended sediment concentrations due to the construction of the scheme	Kames Bay SSSI and Farland Point LNCS	N/A	N/A	No impact	N/A	No impact
	Impact 2: Changes in sea-bed level due to the construction of the scheme	Kames Bay SSSI and Farland Point LNCS	N/A	N/A	Negligible	N/A	Negligible
	Operation						
	Impact 1: Changes to the wave regime due to the presence of the scheme	Kames Bay SSSI and Farland Point LNCS	N/A	N/A	Negligible	N/A	Negligible
	Impact 2: Changes to the tidal current regime due to the presence of the scheme	Kames Bay SSSI and Farland Point LNCS	N/A	N/A	Negligible	N/A	Negligible
	Impact 3: Changes to sediment transport and erosion/accretion patterns due to the presence of the scheme	Kames Bay SSSI and Farland Point LNCS	N/A	N/A	Negligible	N/A	Negligible
	Construction						

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
Chapter 7 Marine Water and Sediment Quality	Impact 1: Deterioration in water quality resulting from the disturbance of sediments and release of sediment-bound contaminants into the water column	Millport Bay Bathing Water and Largs Channel (Fairlie Roads) coastal water body	Medium	Negligible	Negligible	n/a	Minor adverse (not significant)
	Impact 2: Deposition of mobilised sediments on the sea bed causing a deterioration in sediment quality	Millport Bay Bathing Water and Largs Channel (Fairlie Roads) coastal water body	Medium	Negligible	Negligible	n/a	Minor adverse (not significant)
	Operation						
	Impact 1: Entrainment of contaminants due to decreased flushing of water within Millport Bay	Millport Bay Bathing Water and Largs Channel (Fairlie Roads) coastal water body	Medium	Negligible	Negligible	n/a	Minor adverse (not significant)
Chapter 8 Benthic Ecology	Construction						
	Impact 1: Direct habitat loss	Kames Bay SSSI	High	Low	Moderately adverse	Fencing off and no access onto Kames Bay	Minor adverse (not significant)
		Pioneer saltmarsh	Medium	Medium	Moderately adverse	Fencing off and no access onto saltmarsh habitat.	Minor adverse (not significant)
		Other habitats	Negligible	Medium	Minor adverse (not significant)	None required	Minor adverse (not significant)

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact	
	Impact 2: Physical disturbance of habitats or species during and following construction	Marine Pollution incidents	Low - High	Negligible	Minor adverse (not significant)	Embedded mitigation	Minor adverse (not significant)	
		Suspended sediments	Medium – high	Negligible	Minor adverse (not significant)	None required	Minor adverse (not significant)	
	Impact 3: Potential introduction / spread of invasive non native species	Invasive non-native species	Medium	Low	Minor adverse (not significant)	Embedded mitigation	Minor adverse (not significant)	
	Operation							
	Impact 1: habitat alteration	Kames Bay SSSI and Farland Point SWT Site	High	Negligible	Negligible	None required	Negligible	
		Other habitats	Negligible	Medium	Minor adverse (not significant)	None required	Minor adverse (not significant)	
Chapter 9 Fish and Shellfish Resource	No significant impacts are expected to fish and shellfish resource due to the Proposed Scheme							
	Construction							

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact	
Chapter 10 Marine Mammals	Impact 1: Auditory injury (Permanent Threshold Shift) from under water noise from all activities	All marine mammal species	High	Negligible / no impact	Minor (not significant)	None required.	Minor (not significant)	
	Impact 1: Injury from under water noise from all activities	Basking shark	Medium	Negligible / no impact	Minor (not significant)	None required.	Minor (not significant)	
	Impact 1: Behavioural response cumulative Sound Exposure Level for under water noise from all activities	All marine mammal species and basking shark	Medium	Negligible / no impact	Minor (not significant)	None required.	Minor (not significant)	
	Impact 2: Disturbance (and potential habitat loss) to seal haul outs	Grey and harbour seal	Medium	Negligible / no impact	Minor (not significant)	None required. Consideration will be given to the types and timing of construction activities undertaken and their potential to cause disturbance at the haul-out site.	Negligible	
	Operation							
	Impact 1: Disturbance (and potential habitat loss) to seal haul outs	Grey and harbour seal	Medium	Negligible / no impact	Minor (not significant)	None required. Consideration will be given to the types and timing of construction activities undertaken and their potential to	Negligible	

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
						cause disturbance at the haul-out site.	
Chapter 11 Offshore and Coastal Ornithology	Construction						
	Impact 1: Disturbance	All screened-in receptors	Low	Negligible	Negligible	Embedded mitigation only	Negligible
	Impact 2: Habitat loss/change	All screened-in receptors	Low	Negligible	Negligible	Embedded mitigation only	Negligible
	Operation						
	Impact 1: Habitat loss/change /gain	All screened-in receptors	Low	Negligible	Negligible	Embedded mitigation only	Negligible
	Impact 2: Disturbance	All screened-in receptors	Low	Negligible	Negligible	Embedded mitigation only	Negligible
Chapter 12 Commercial Fisheries	Construction						
	Impact 1: Disrupted access to fishing grounds in Millport Bay due to offshore works	<i>Nephrops</i> trawlers and other gear-type users that may operate in Millport Bay	High (<i>Nephrops</i> trawlers) / low (other gear-type users)	Low	Minor adverse (<i>Nephrops</i> trawlers) / negligible (other gear type users)	N/A	Minor adverse (<i>Nephrops</i> trawlers) / negligible effect (other gear type users)
	Impact 2: Loss of earnings or increased fishing effort	All commercial fishing vessels and operators that may operate in Millport Bay	High (<i>Nephrops</i> trawlers) / low (other	Negligible	Negligible	N/A	Negligible

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
	due to changes in fishery resources		gear-type users)				
	Impact 3: Short-term changes to berthing and landing practices at Millport	Commercial vessels that may berth or land at Millport	High (<i>Nephrops</i> trawlers) / low (other gear-type users)	Negligible	Negligible	N/A	Negligible
Operation							
	Impact 1: Reduced access to fishing ground in Millport Bay due to offshore structures	All commercial fishing vessels and operators that may operate in Millport Bay	High (<i>Nephrops</i> trawlers) / low (other gear-type users)	Low	Minor adverse (<i>Nephrops</i> trawlers) / negligible (other gear type users)	N/A	Minor adverse (<i>Nephrops</i> trawlers) / negligible (other gear type users)
	Impact 2: Long-term changes to fishing practices due to hydrodynamic changes in Millport Bay	All commercial fishing vessels and operators that may operate in Millport Bay	High (<i>Nephrops</i> trawlers) / low (other gear-type users)	Negligible	Negligible	N/A	Negligible
	Impact 3: Long-term changes to berthing and landing practices at Millport	Commercial vessels that may berth or land at Millport	High (<i>Nephrops</i> trawlers) / low (other gear-type users)	Negligible	Negligible	N/A	Negligible

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
Chapter 13 Commercial and Recreational Navigation	Construction						
	Impact 1: Construction vessel movements	Owners and operators of commercial vessels, fishing vessels and recreational vessels	Medium	Low	Minor adverse	Short duration of offshore construction works. Notice to mariners.	Minor adverse
	Impact 2: Accidental release of pollutants	Human health, ornithological receptors and ecological receptors	Medium	Low	Minor adverse	Best practice construction methods, appropriate safety practices and contingency plans.	Minor adverse
	Impact 3: Disturbance to local navigation practices	Owners and operators of commercial vessels, fishing vessels and recreational vessels	Low to Medium	Low to Medium	Minor adverse	Limited duration of offshore construction works, navigation aids, consultation with mariners	Minor adverse
	Impact 4: Restricted use of Millport Pier and harbour	Owners and operators of commercial vessels, fishing vessels and recreational vessels	Low	Low to High	Minor to moderate adverse	Alternative provisions for vessels that usually berth at the Pier.	Minor to moderate adverse
	Impact 5: Disturbance to local vessel moorings	Owners and operators of commercial vessels, fishing vessels and recreational vessels	Low	Low to High	Minor to major adverse	Short duration of offshore construction works. Alternative provisions for vessels that usually berth at the Pier.	Minor to moderate adverse
	Operation						

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
	Impact 1: Change to existing navigation practices	Owners and operators of commercial vessels, fishing vessels and recreational vessels	Medium	Medium	Moderate adverse	Appropriate navigation aids, communication of changes, consultation with mariners	Minor to moderate adverse
	Impact 2: Change to local moorings facilities	Owners and operators of commercial vessels, fishing vessels and recreational vessels	Low	Negligible	Negligible	Alternative location of moorings agreed through consultation. Moorings reinstated after construction, additional moorings provided if possible, communication of changes.	Negligible
	Impact 3: Increased shelter in Millport Bay, increasing interest	Owners and operators of commercial vessels, fishing vessels and recreational vessels	Low	Negligible	Negligible	Additional moorings provided if possible. Communication about changes to navigation.	Negligible
	Impact 4: Improved shelter for vessels in Millport Bay	Owners and operators of commercial vessels, fishing vessels and recreational vessels	Medium	Medium	Moderate beneficial	Beneficial impact	Moderate beneficial
	Impact 5: Enhanced conditions for sailing/watersports	Watersports users	Medium	High	Major beneficial	Beneficial impact	Major beneficial
	Construction						

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
Chapter 14 Infrastructure and Utilities	Impact 1: Potential damage to utilities infrastructure	Residents and businesses	Medium	High	Moderate adverse	Detailed design of scheme and construction method statements to be agreed with utilities operators. Best practice methods of construction.	Moderate adverse
	Operation						
	Impact 1: Reduced risk of flooding and erosion to existing infrastructure	Residents and businesses	Medium	High	Major beneficial	Not applicable, as impact is beneficial.	Major beneficial
	Impact 2: Improvement to surface water drainage	Residents and businesses	Low	Low	Minor beneficial	Not applicable, as impact is beneficial.	Minor beneficial
	Impact 3: Removal of redundant outfalls	Residents and visitors	Low	Low	Minor beneficial	Not applicable, as impact is beneficial.	Minor beneficial
	Impact 4: Changes to street furniture	Residents and visitors	Low	Low	Minor beneficial	Design and construction of scheme for flood walls to provide additional seating.	Minor beneficial
Chapter 15 Archaeology and Cultural Heritage	Construction						
	Impact 1: Direct impact to known heritage assets	Designated heritage assets	High	N/A	N/A	Avoided through design, fencing/barriers to prevent accidental damage	No impact
Non-designated heritage assets		Low					

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
		Strathwherry jetty (WoSAS ID 54526) and Leck (Crocodile) jetty (WoSAS ID 54527/54516)	Low	High	Moderate beneficial	Preservation in situ, sympathetic design (agreed in consultation with heritage stakeholders)	Moderate beneficial
	Impact 2: Direct impact to potential heritage assets	Previously undiscovered, buried or submerged archaeology	Low	High	Moderate adverse	PAD and monitoring during ground works	Minor adverse (not significant)
	Impact 3: Impacts on settings and historic character	Millport Conservation Areas and heritage assets along the seafront and foreshore	Medium	Medium	Moderate adverse	Measures to minimise local disruption	Moderate adverse
	Impact 4: Impacts associated with changes to physical processes	Heritage assets on the foreshore and marine areas	N/A	N/A	N/A	N/A	No impact
Operation							
	Impact 1: Direct impact to known heritage assets	Designated and non-designated heritage assets	N/A	N/A	N/A	N/A	No impact
	Impact 2: Direct impact to potential heritage assets	Previously undiscovered, buried or submerged archaeology	N/A	N/A	N/A	N/A	No impact

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
	Impact 3: Impacts on settings and historic character	Millport Conservation Areas and heritage assets along the seafront and foreshore	Low/High	Negligible to Low	Negligible to moderate beneficial	Increased seating, foreshore access and a sense of cohesion to the experience of the area.	Negligible to moderate beneficial
	Impact 4: Impacts associated with changes to physical processes	Heritage assets on the foreshore and marine areas	N/A	N/A	N/A	N/A	No impact
Chapter 16 Terrestrial Ecology	Construction						
	Impact 1: Temporary or permanent habitat loss	Amenity grassland	Negligible	High	Minor adverse (not significant)	Topsoil management, surface water management, use of existing hardstanding where possible, geotextiles.	Negligible
		Trees	Negligible	Medium	Minor adverse (not significant)	Tree RPAs will be defined and works will be avoided within these.	Negligible
		Eileans grasslands	Low	Medium	Minor adverse (not significant)	Reduced access onto islands in the bay.	Negligible
	Impact 2: Habitat loss, disturbance or killing of reptiles	Reptiles	Medium	Low	Minor adverse (not significant)	Precautionary methods (habitat manipulation).	Negligible
	Impact 3: Habitat loss, disturbance or killing of otter	Otter	High	Up to Medium	Up to Major adverse	Pre-construction survey. Agreement with SNH, Potential EPS licence. Minimising works on the islands in the bay, Best	Minor adverse (not significant)

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact	
						practice guidance, sensitive lighting regime, ECoW, and ramps in trenches.		
	Impact 4: Disturbance of foraging bats	Bats	Medium	Low	Minor adverse (not significant)	Sensitive lighting regime	Negligible	
	Impact 5: Spread on non-native invasive species	Non-native invasive species	Medium	Medium	Moderate adverse	Pre-construction survey; Invasive Species Management Plan (if required); and Fencing off of identified stands.	Minor adverse (not significant)	
	Operation							
	Impact 1: Habitat loss, disturbance or killing of otter	Otter	Medium	Negligible	Minor adverse (not significant)	None	Minor adverse (not significant)	
	Impact 2: Spread on non-native invasive species	Non-native invasive species	Medium	Low	Minor adverse (not significant)	Pre-construction survey; Invasive Species Management Plan (if required); and Fencing off of identified stands.	Negligible	
Chapter 17 Ground Conditions and Contamination	Construction							
	Impact 1: Impact to Human Health, including Construction Workers and the General Public during Excavations.	Construction Workers and the General Public	High	Negligible	Minor adverse (not significant)	None	Minor adverse (not significant)	

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
	Impact 2: Impact to Groundwater Quality in the Moderately Productive Bedrock Aquifers during Construction Activities	Moderately Productive Bedrock Aquifers	Medium	Low	Minor adverse (not significant)	Stockpiles should be sealed during construction to reduce infiltration.	Minor adverse (not significant)
	Impact 3: Impact to Groundwater Quality in the Raised Beach Deposits Superficial Aquifer during Construction Activities (Excavation)	Raised Beach Deposits Superficial Aquifer	Medium	Low	Minor adverse (not significant)	Stockpiles should be sealed during construction to reduce infiltration.	Minor adverse (not significant)
	Impact 4: Impact on the Firth of Clyde during construction activities due to groundwater migration	Firth of Clyde	No plausible pathway.				
	Operation						
There are no potential impacts on human health or the water environment during the operation of the proposed scheme with embedded mitigation measures.							
Chapter 18 Water Resources and Flood Risk	Construction						
	Impact 1: Impacts on groundwater quality and Kames Bay SSSI	Groundwater and Kames Bay SSSI	High	Negligible	Minor adverse (not significant)	N/A	Minor adverse (not significant)
	Impact 2: Impact on groundwater quantity and Kames Bay SSSI	Groundwater and Kames Bay SSSI	High	Negligible	Minor adverse (not significant)	N/A	Minor adverse (not significant)

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
	Operation						
	Impact 1: Impact on groundwater quality and Kames Bay SSSI due to flood protection structures	Groundwater and Kames Bay SSSI	High	Negligible	Minor adverse (not significant)	N/A	Minor adverse (not significant)
	Impact 2: Impact on groundwater quantity and Kames Bay SSSI due to flood protection structures	Groundwater and Kames Bay SSSI	High	Negligible	Minor adverse (not significant)	N/A	Minor adverse (not significant)
Chapter 19 Noise and Vibration	Construction						
	Impact 1: Construction Phase Noise	Human	-	-	Negligible to Major (Activity and scenario dependent).	Best Practice Measures (BPM) as embedded mitigation. Temporary, demountable absorptive noise screens in proximity to noisiest activity and plant.	Negligible (Not significant)
	Impact 2: Construction Phase Vibration	Human	-	-	Negligible to Major (Activity and scenario dependent).	Best Practice Measures (BPM) as embedded mitigation.	Minor adverse (not significant)
	Impact 3: Construction Phase Road Traffic	Human	-	-	Negligible to Minor (Not significant in EIA terms)	Traffic Management Plan	Not significant

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
	Operation						
	No significant noise impacts are likely during the operational phase of the proposed scheme.						
	Construction						
Chapter 20 Traffic and Transport	Impact 1: Severance	Links 1, 2, 4, 5, 6, 7, 8, 10, 11, 12 and 16	Low to High	Negligible	Negligible to minor adverse	None required	Negligible to minor adverse (not significant)
	Impact 2: Pedestrian Amenity	Links 2, 7, 8 and 12	Low to medium	Low	Minor adverse (not significant)	None required	Minor adverse (not significant)
		Link 1	Medium	Medium	Moderate adverse	Traffic Marshals provided	Minor adverse (not significant)
		Links 10, 11 and 16	High	Low	Moderate adverse	Community engagement	Minor adverse (not significant)
	Impact 3: Road Safety	Link 15	High	Very low	Minor adverse (not significant)	None required	Minor adverse (not significant)
	Impact 4: Driver Delay	See Impact 5: Ferry Capacity					
	Impact 5: Ferry Capacity	Ferry capacity and Ferry terminal junctions.	High	Very low	Minor adverse (not significant)	None required	Minor adverse (not significant)
	Impact 6: Temporary Road and Footway Closures	West Bay (link 1), Marine Parade (link 8), Stuart Street (link 4), Glasgow Street (link 5),	High	Very low	Minor adverse (not significant)	None required	Minor adverse (not significant)

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
		Kelburn Street (link 6) and Kames Bay (link 7)					
		Milburn Street (link 10), Crichton Street (link 11)	High	Low	Moderate adverse	<p>Single lane road closure (northbound lane) on Millburn Street between the junction of West Bay Road to the junction of Crawford Street, with associated temporary parking restrictions on the southbound lane.</p> <p>Identifying alternative parking locations on West Bay Road and Crawford Street for impacted residents.</p> <p>Identifying mobility impaired / vulnerable residents currently residing in Milburn Street and Crichton Street allowing a system of temporary vehicle access or to drop off and pick up service if required.</p> <p>Commitment to keep existing pedestrian routes open and accessible throughout the construction duration thus</p>	Minor adverse (not significant)

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
						<p>minimising impacts to local residents.</p> <p>Commitment to temporarily lift road closures and parking restrictions when not required during the construction programme.</p>	
		Clyde Street (link 16)	High	Low	Moderate adverse	Pedestrian/Vehicle management System	Minor adverse (not significant)
	Operation	Operation not assessed as traffic movements associated will be negligible.					
Chapter 21 Air Quality	Construction						
	Impact 1: Construction dust and particulate matter	Human receptors within 350m of the site	-	-	N/A	Best practice dust minimisation and suppression techniques as detailed in Section 21.6.4.	Not significant
		Ecological receptors (i.e. Kames Bay SSSI) within 50m of the site					
Impact 2: Construction phase road traffic emissions	Human and ecological receptors.	-	-	Not significant.	Not required.	Not significant.	

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
	Impact 3: Construction phase shipping vessel emissions	Human and ecological receptors.	-	-	Not significant.	Not required.	Not significant.
Chapter 22 Seascape, Landscape and Visual Impact	Construction						
	Landscape Effects – Landscape Character	LCT 61 – Coastal Fringe with Agriculture	Medium to Low	High to Zero	Substantial / Moderate to None	N/A	Substantial / Moderate to None
	Landscape Effects – Landscape Designations	Great Cumbrae Special Landscape Area	Medium	Medium to Zero	Moderate to None	N/A	Moderate to None
		Millport Conservation Area	High-Medium	High-Medium to Zero	Substantial / Moderate to None	N/A	Substantial / Moderate to None
		Coastal Zone (Developed Coast)	Medium	High to Zero	Substantial / Moderate to None	N/A	Substantial / Moderate to None
	Seascape Effects – Seascape Character	Millport Coastal Character Area	Medium	High to Zero	Substantial / Moderate to None	N/A	Substantial / Moderate to None
	Visual Effects - Viewpoints	VP1 – Milburn Street	High	High to Medium	Substantial to Substantial / Moderate	N/A	Substantial to Substantial / Moderate
		VP2 – Crichton Street	High	High	Substantial	N/A	Substantial
		VP3 – Clyde Street	High	High	Substantial	N/A	Substantial

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
		VP4 – Millport Pier	High to High-Medium	High to High-Medium	Substantial to Substantial / Moderate	N/A	Substantial to Substantial / Moderate
		VP5 – Stuart Street	High	High	Substantial	N/A	Substantial
		VP6 – Guildford Street	High	High to High-Medium	Substantial to Substantial / Moderate	N/A	Substantial to Substantial / Moderate
		VP7 – Glasgow Street	High	High to High-Medium	Substantial to Substantial / Moderate	N/A	Substantial to Substantial / Moderate
		VP8 – Kelburn Street	High	High to High-Medium	Substantial to Substantial / Moderate	N/A	Substantial to Substantial / Moderate
		VP9 – Farland Hill	High	Low to Negligible	Moderate / Slight to Slight	N/A	Moderate / Slight to Slight
	Visual Effects - Settlements	Millport	High	High to Zero	Substantial to None	N/A	Substantial to None
	Visual Effects – Transport Routes	B896	Medium	High to Zero	Substantial / Moderate to None	N/A	Substantial / Moderate to None
	Visual Effects – Recreational Routes	Cumrae Cycle Route 1 (partly overlapped by B896, Core Paths NC1, NC1a, NC2, NC77, NC74 and NC82)	High	High-Medium to Zero	Substantial to Substantial / Moderate to None	N/A	Substantial to Substantial / Moderate to None

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
		Inner Circle Walk (partly overlapped by B896, Cumbrae Cycle Routes 1 and 2 and Core Paths NC2 and NC86)	High	High-Medium to Zero	Substantial to Substantial / Moderate to None	N/A	Substantial to Substantial / Moderate to None
		Farland Point Walk (partly overlapped by B896, Cumbrae Cycle Route 1, Core Paths NC1, NC1a, NC2, NC41, NC77 and NC82, and Inner Circle Walk)	High	High-Medium to Zero	Substantial to Substantial / Moderate to None	N/A	Substantial to Substantial / Moderate to None
		Fintray Bay Walk (partly overlapped by B896, Cumbrae Cycle Route 1, Core Paths NC1, NC74 and Targets Walk)	High	High-Medium to Zero	Substantial to Substantial / Moderate to None	N/A	Substantial to Substantial / Moderate to None
	Visual Effects – Recreational and Tourist Destinations	Millport Promenade	High	High to Zero	Substantial to None	N/A	Substantial to None
		Crocodile Rock	High	Medium-Low	Moderate	N/A	Moderate
	Visual Effects – Sailing / Ferry Routes	Waverley Paddle Steamer	High	Negligible	Slight	N/A	Slight
		Recreational Yachts and Small Vessels	High	High-Medium to Negligible	Substantial to Substantial / Moderate to Negligible	N/A	Substantial to Substantial / Moderate to Negligible

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
	Operation						
	Landscape Effects – Landscape Character	LCT 61 – Coastal Fringe with Agriculture	Medium to Low	Low to Zero	Slight to None	N/A	Slight to None
	Landscape Effects – Landscape Designations	Great Cumbrae Special Landscape Area	Medium	Low to Zero	Slight to None	N/A	Slight to None
		Millport Conservation Area	High-Medium	Low to Zero	Slight to None	N/A	Slight to None
		Coastal Zone (Developed Coast)	Medium	High to Zero	Substantial / Moderate (offshore breakwater) to None	N/A	Substantial / Moderate (offshore breakwater) to None
	Seascape Effects – Seascape Character	Millport Coastal Character Area	Medium	High to Zero	Substantial / Moderate (offshore breakwater) to None	N/A	Substantial / Moderate (offshore breakwater) to None
	Visual Effects - Viewpoints	VP1 – Milburn Street	High	Low	Moderate	N/A	Moderate
		VP2 – Crichton Street	High	Low	Moderate	N/A	Moderate
		VP3 – Clyde Street	High	Medium-Low to Low	Moderate	N/A	Moderate
		VP4 – Millport Pier			Medium (offshore breakwater)	Substantial / Moderate	N/A

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact	
			High to High-Medium		(offshore breakwater)		(offshore breakwater)	
				Low to Negligible (remainder of the proposed scheme)	Moderate to Slight (remainder of the proposed scheme)		Moderate to Slight (remainder of the proposed scheme)	
		VP5 – Stuart Street	High	Low	Moderate	N/A	Moderate	
		VP6 – Guildford Street	High	Medium-Low to Negligible	Moderate to Slight / Negligible	N/A	Moderate to Slight / Negligible	
		VP7 – Glasgow Street	High	Low to Negligible	Moderate to Slight	N/A	Moderate to Slight	
		VP8 – Kelburn Street	High	Low to Negligible	Moderate to Slight	N/A	Moderate to Slight	
		VP9 – Farland Hill	High	Negligible	Slight to Negligible	N/A	Slight to Negligible	
		Visual Effects - Settlements	Millport	High	Low to Zero	Moderate to No View	N/A	Moderate to No View
		Visual Effects – Transport Routes	B896	Medium	Medium-Low to Negligible	Moderate to Slight / Negligible	N/A	Moderate to Slight / Negligible
		Visual Effects – Recreational Routes	Cumrae Cycle Route 1 (partly overlapped by B896, Core Paths NC1, NC1a, NC2, NC77, NC74 and NC82)	High	Medium-Low to Negligible	Moderate to Slight	N/A	Moderate to Slight

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
		Inner Circle Walk (partly overlapped by B896, Cumbrae Cycle Routes 1 and 2 and Core Paths NC2 and NC86)	High	Low to Negligible	Moderate to Slight	N/A	Moderate to Slight
		Farland Point Walk (partly overlapped by B896, Cumbrae Cycle Route 1, Core Paths NC1, NC1a, NC2, NC41, NC77 and NC82, and Inner Circle Walk)	High	Medium to Negligible	Substantial / Moderate (offshore breakwater) to Slight	N/A	Substantial / Moderate (offshore breakwater) to Slight
		Fintray Bay Walk (partly overlapped by B896, Cumbrae Cycle Route 1, Core Paths NC1, NC74 and Targets Walk)	High	Medium to Negligible	Substantial / Moderate (offshore breakwater) to Slight	N/A	Substantial / Moderate (offshore breakwater) to Slight
	Visual Effects – Recreational and Tourist Destinations	Millport Promenade	High	Medium to Negligible	Substantial / Moderate (offshore breakwater) to Slight	N/A	Substantial / Moderate (offshore breakwater) to Slight
		Crocodile Rock	High	Low	Moderate	N/A	Moderate
	Visual Effects – Sailing / Ferry Routes	Waverley Paddle Steamer	Negligible	Slight	Slight	N/A	Slight

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
		Recreational Yachts and Small Vessels	High-Medium to Negligible	Substantial to Substantial / Moderate (offshore breakwater) to Negligible	Substantial to Substantial / Moderate to Negligible	N/A	Substantial to Substantial / Moderate to Negligible
Chapter 23 Tourism and Recreation	Construction						
	Impact 1: Disturbance to tourism and recreation users and local businesses during construction activities	Tourism and recreation users and local businesses	Medium	Medium	Medium	<p>Contractor required to minimise impacts on tourism through their programming of the works, e.g. restricting location of works undertaken during the summer.</p> <p>Written notification of the works and relevant information to all residents and local businesses.</p> <p>Appropriate notification and signage for any transport diversions.</p> <p>Scheme information noticeboards.</p>	Minor adverse
	Operation						
	Impact 1: Disturbance to tourism and recreation users and local businesses after construction	Tourism and recreation users and local businesses	Medium	High	High	Proposed scheme developed taking into account consultation feedback regarding visual impact and access.	Minor adverse

Chapter	Potential Impact	Receptor	Value/ Sensitivity	Magnitude	Significance	Mitigation	Residual Impact
	Impact 2: Improved access to beach and foreshore	Tourism and recreation users and local businesses	Low	Low	Low	Not applicable, as impact is beneficial.	Minor beneficial
	Impact 3: Improved conditions for recreational activities, including watersports	Tourism and recreation users and local businesses	Medium	High	High	Not applicable, as impact is beneficial.	Major beneficial
	Impact 4: Enhanced amenity value	Tourism and recreation users and local businesses	Medium	High	High	Not applicable, as impact is beneficial.	Major beneficial