

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** A MacDonald**Date:** 01/09/20Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 10:00 State of Tide: low, incoming Weather: bright, fair

COMMENTS: (Defects, Damage, Etc.)

Beach level remains at around 11th step down from top plat level.

Ongoing tidal scouring of mudstone below base of 2011 concrete sea wall re-construction (approx. 0.6-0.7m). Further deterioration also to sea-facing masonry/brick composite historical walls adjacent – cracks/voids enlarging slightly. Minor ongoing underscour/beach removal at adjacent mass conc/boulder revetment. Higher beach level however at base revetment feature by Rockcliff Hotel.

Rock Cottage repair – as previous inspection.

Eastfield repairs of 2015 continue to perform well. Some mortar loss, partial voiding and fill loss below section of masonry revetment surface behind No.15 Eastfield. Small area of some slight ongoing deterioration at eastern edge of slope, but area still largely protected by rock armour. Collapse/void area remains heavily covered by seaweed.

Tree growth at base of vertical masonry wall protecting Booker cash & carry.

Fairly dense vegetation along upper revetment opp. Seaview Terrace – has not been sprayed, despite request.

*Return visit to inspect with BPC on 3/9/20.

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections; Rock Cottage and Rockcliff repair areas; Eastfield revetment void.

Request again treatment for upper revetment vegetation at Seaview Terrace.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** *A MacDonald***Date:** *14/01/16*Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**Section Inspected: From: *Joppa P/Station* To: *Brunstane Burn*Time: *10:25* State of Tide: *low* Weather: *fair*

COMMENTS: (Defects, Damage, Etc.)

*Beach level currently approx. 200mm above 11th step level at Joppa pump station area – approx. as previous inspection.**Ongoing wear and deterioration to mudstone layers under 2011 concrete sea wall construction, undercut measuring up to 500mm in places. Ongoing minor deterioration noted at inside corner of aged masonry slightly to east plus undermining to base of sloped concrete/boulder revetment directly to east.**Eastfield repairs from Feb 2015 continue to perform well.**Beach level comparatively low around Brunstane Burn at boundary and burn spread wide and shallow over beach.***NB returned to site to take record photos 25th Jan 2016.*

Action Required to Rectify Defects etc.

Continue to monitor recent repairs, particularly in advance of 1 year completion/defect period (i.e. additional inspection end of March 2016 for all affected areas repaired).

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

By Fax/Letter:

REMARKS:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** A MacDonald**Date:** 15/09/18Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 14:00 State of Tide: incoming Weather: fair, dry

COMMENTS: (Defects, Damage, Etc.)

Beach level approx. 100mm below 11th step level at Joppa pump station area.

Minor holing to masonry base section of westernmost corner at Joppa Pans. Ongoing scouring of mudstone footing below 2011 concrete sea wall re-construction.

Deterioration also to sea-facing masonry/brick composite historical walls adjacent – cracks/voids enlarging slightly. Underscour to adjacent mass conc/boulder revetment.

Rock Cottage repair – base edge corner detail broken off.

Rockcliff Hotel base underscour presently sand-covered.

Eastfield repairs of 2015 performing well although localized beach level drop and sand washout leaving a void beneath concrete/stone block mass, with parts now broken off and scattered locally.

Mortar loss, partial voiding and fill loss below section of masonry revetment surface behind No.15 Eastfield. Rock armour units have been moved over revetment base from adjacent mass of armour protection. Some holing to easternmost edge of revetment.

Tree growth at base of vertical masonry wall protecting Booker cash & carry.

Concrete slab missing from cope to partly hollow brick wall at high level, Joppa Pans.

Vegetation along upper revetment opp. Seaview Terrace unsprayed – various sycamore saplings etc. proliferating, as well as grasses/weeds. Previous requests for cutting/spraying by Locality appear unheeded.

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections; Rock Cottage and Rockcliff repair areas; Eastfield revetment void; tree growth at cash & carry sea wall base.

Request Seaview Terrace upper revetment – vegetation removal, spraying.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** A MacDonald**Date:** 16/03/21Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 11:30 State of Tide: low, incoming Weather: bright, fair

COMMENTS: (Defects, Damage, Etc.)

Beach level remains at around 11th step down from top plat level.

Ongoing tidal scouring of mudstone below base of 2011 concrete sea wall re-construction – wall now undercut to approx. 0.6m - 0.7m in places.

Further deterioration also to sea-facing masonry/brick composite historical walls adjacent – holing appears to be enlarging slightly. Consider pre-emptive repair as previous similar damage has led to fill washout and upper ground level collapse.

Minor ongoing underscour/beach removal at adjacent mass conc/boulder revetment. Reduced beach level local to base of revetment below Rockcliff Hotel, creating underscour.

Rock Cottage repair – appears as previous inspection. Identifiable outward bow in wall.

2015 Eastfield repairs continue to perform well. Some mortar loss, partial voiding and fill loss below section of masonry revetment surface behind No.15 Eastfield. Small area of some slight ongoing deterioration at eastern edge of revetment slope, but area still largely protected by rock armour. Collapse/void area remains heavily covered by seaweed.

Vegetation once again sprouting along upper revetment, opp. Seaview Terrace – monitor.

Action Required to Rectify Defects etc.

Consider masonry repair at wall base below grassed recreation area.

Monitor:

- underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections;
- Rock Cottage and Rockcliff repair areas;
- Eastfield revetment void.

Request again treatment for upper revetment vegetation at Seaview Terrace.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORTInspector: *A MacDonald*Date: *17/01/17*Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**Section Inspected: From: *Joppa P/Station* To: *Brunstane Burn*Time: *12:20* State of Tide: *low, incoming* Weather: *fair, dry*

COMMENTS: (Defects, Damage, Etc.)

*Beach level approx. 250mm above 11th step level at Joppa pump station area.**Minor ongoing deterioration to mudstone layers under 2011 concrete sea wall construction, undercut measuring up to 0.5m in places. Adjacent sea-facing masonry/brick composite historical wall showing cracks and minor voids.**Rock Cottage repaired (in 2012) masonry wall showing strain cracking at corner area – also to concrete wave return wall base. Underscour ongoing below Rockcliff Hotel wall base area. Eastfield repairs from Feb 2015 continue to perform well – no sign of movement or cracking, although beach level drop/sand washout leaving a void beneath concrete/stone block mass, with part now broken off and scattered locally.**Cement patch repair spalled from near-vertical crack by access stair near bus terminus.**Graffiti to NE (outer) face of wall at recreation area.**Vegetation along upper revetment opp. Seaview Terrace unsprayed – various sycamore saplings etc. proliferating, as well as grasses/weeds.*

Action Required to Rectify Defects etc.

Monitor Rock Cottage masonry/concrete wall at outside corner, plus recreation area defences.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

By Fax/Letter:

REMARKS:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** A MacDonald**Date:** 19/9/19Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 10:15 State of Tide: 1.5hrs before low tide Weather: fair, dry

COMMENTS: (Defects, Damage, Etc.)

Beach level generally around 11th step (from top) level at Joppa pump station area.

Further undercutting of rock below masonry base section of westernmost corner at Joppa Pans. Ongoing scouring of mudstone footing below 2011 concrete sea wall reconstruction (approx. 0.6-0.7m). Further deterioration also to sea-facing masonry/brick composite historical walls adjacent – cracks/voids enlarging slightly. Further underscour to adjacent mass conc/boulder revetment. Similar to small revetment feature below Rockcliff Hotel at beach level.

Rock Cottage repair – as previous inspection.

Eastfield repairs of 2015 continue to perform well.

Mortar loss, partial voiding and fill loss below section of masonry revetment surface behind No.15 Eastfield. Eastern end of revetment slowly collapsing although area still largely protected by rock armour. Collapse/void area heavily sea-weeded.

Tree growth at base of vertical masonry wall protecting Booker cash & carry.

Vegetation along upper revetment opp. Seaview Terrace has returned over summer, with saplings sprouting in various areas.

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections; Rock Cottage and Rockcliff repair areas; Eastfield revetment void.

Request cutting & spraying of upper revetment at Seaview Terrace.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORTInspector: *A MacDonald*Date: *19/08/16*Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**Section Inspected: From: *Joppa P/Station* To: *Brunstane Burn*Time: *08:45* State of Tide: *lower mid, going out* Weather: *fair, dry*

COMMENTS: (Defects, Damage, Etc.)

*Beach level continues to sit at approx. 200mm above 11th step level at Joppa pump station area – as previous inspection.**Minor ongoing deterioration to mudstone layers under 2011 concrete sea wall construction after a relatively calm spring/summer - undercut measuring up to 0.5m in places. Adjacent sea-facing masonry/brick composite historical wall showing cracks and minor voids.**Rock Cottage repaired (in 2012) masonry wall showing strain cracking at corner area – also to concrete wave return wall base. Underscour ongoing below Rockcliff Hotel wall base area. Eastfield repairs from Feb 2015 continue to perform well – no sign of movement or cracking.**Beach level comparatively low around Brunstane Burn at boundary, with burn spread wide and shallow over beach. A fire has been set at base of C&C retaining wall but damage appears negligible.**Vegetation along upper revetment opp. Seaview Terrace unsprayed – various sycamore saplings etc. proliferating, as well as grasses/weeds.*

Action Required to Rectify Defects etc.

Monitor Rock Cottage masonry/concrete wall at outside corner, plus recreation area defences. Pursue vegetation control with Neighbourhood office (reponse received 19/8/16)

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

By Fax/Letter:

REMARKS:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT

Inspector: A MacDonald

Date: 21/09/21

Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) Yes / No

Specific Risk Assessments written or required Yes / No

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 12:00 State of Tide: low Weather: bright, fair

COMMENTS: (Defects, Damage, Etc.)

Beach level remains at around 11th step down and is fairly low off/around the pumping station area.

Ongoing tidal scouring of mudstone below 2011 concrete sea wall re-construction – undercut presently to approx. 0.6m - 0.7m in places.

Masonry repair undertaken on sea-facing masonry/brick composite historical wall adjacent – April 2021.

Minor ongoing underscour/beach sand movement at adjacent mass conc/boulder revetment. Reduced beach level local to base of revetment below Rockcliff Hotel, creating underscour.

Rock Cottage repair – appears as previous inspection.

Eastfield repairs as per previous inspection.

Fairly dense vegetation along upper revetment, opp. Seaview Terrace – monitor/request spraying/cutting.

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections;

Also, Rock Cottage and Rockcliff repair areas, plus Eastfield revetment void.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** A MacDonald**Date:** 21/3/19Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 10:45 State of Tide: mid, incoming Weather: fair, dry

COMMENTS: (Defects, Damage, Etc.)

Beach level generally around 11th step (from top) level at Joppa pump station area.

Minor holing to masonry base section of westernmost corner at Joppa Pans. Ongoing scouring of mudstone footing below 2011 concrete sea wall re-construction (over 0.5m was able to fit a traffic cone base weight entirely under wall depth) Deterioration also to sea-facing masonry/brick composite historical walls adjacent – cracks/voids enlarging slightly. Underscour to adjacent mass conc/boulder revetment.

Rock Cottage repair – as previous inspection.

Rockcliff Hotel base underscour remains sand-covered, but new small void noted (large stone has collapsed into void)

Eastfield repairs of 2015 performing well although localized beach level drop and sand washout leaving a void beneath concrete/stone block mass, with parts now broken off and scattered locally. Mortar loss, partial voiding and fill loss below section of masonry revetment surface behind No.15 Eastfield. Eastern end of revetment slowly collapsing although area still largely protected by rock armour.

Tree growth at base of vertical masonry wall protecting Booker cash & carry.

Vegetation along upper revetment opp. Seaview Terrace has been sprayed and bushes cut down.

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections; Rock Cottage and Rockcliff repair areas; Eastfield revetment void.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORTInspector: *B McMillan*Date: *22/03/18*Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**Section Inspected: From: *Joppa P/Station* To: *Brunstane Burn*Time: *10.00* State of Tide: *Low, Ebbing* Weather: *fair, dry*

COMMENTS: (Defects, Damage, Etc.)

*Ongoing deterioration to mudstone layers under 2011 concrete sea wall construction, undercut measuring up to 0.5m in places. Deterioration also to sea-facing masonry/brick composite historical wall - cracks and voids enlarging slightly.**Rock Cottage repair cracking and Rockcliff Hotel base underscour as previous.**Eastfield repairs from Feb 2015 continue to perform well – no sign of movement or cracking, although beach level drop/sand washout leaving a void beneath concrete/stone block mass, with part now broken off and scattered locally.**Mortar loss, partial voiding and fill loss below section of masonry revetment surface behind No.15 Eastfield. Rock armour units have been moved over revetment base from adjacent mass of armour protection.**Tree growth at base of vertical masonry wall protecting Booker cash & carry.**Vegetation along upper revetment opp. Seaview Terrace unsprayed – various sycamore saplings etc. proliferating, as well as grasses/weeds. Previous requests for cutting/spraying unheeded.**As mentioned in other Reports of March 2018; evidence of Timbers washed on to foreshore.*

Action Required to Rectify Defects etc.

*Monitor: (1) underscour below 2011 concrete wall, plus adjacent masonry/brick wall;
(2) Rock Cottage and Rockcliff repair areas;
(3) Eastfield revetment void;
(4) tree growth at cash & carry sea wall base.**Investigate direct attention to Seaview Terrace upper revetment – vegetation removal, spraying.*

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** Michael Dowens – Transport Technician **Date:** 22/03/2023Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Brunstane Burn To: Joppa Power Station

Time: 08:00 State of Tide: low

Weather: Bright with
fleeting
clouds.
Strong
southerly
winds.**COMMENTS:** (Defects, Damage, Etc.)

Beach level around 0.25m below 11th step down and is fairly low around the pumping station area, revealing underlying rock surfaces.

Ongoing tidal scouring of mudstone below 2011 concrete sea wall re-construction which was measured at 4m in length with two main bowls undermining the concrete, 0.7m seaward bowl and 0.94m shoreside bowl – no significant change since previous Inspection.

Adjacent north faced seaward return wall requiring further masonry repairs, see photos in file.

Minor ongoing underscour/beach sand movement at adjacent mass conc/boulder revetment. Reduced beach level local to base of concrete revetment below Rockcliff Hotel, creating underscour. No significant change since previous Inspection.

Rock Cottage repair – appears as previous inspection. Eastfield also.

Seaview Terrace Revetment will require monitoring for further spraying/trimming of sapplings.

Concrete sea defence wall below Seaview Terrace, previous thin repairs up the height of wall defective at points – monitoring/further repairs advisable. See example photo in file. Repairs may be looked at being progressed in the Autumn.

THE CITY OF EDINBURGH COUNCIL

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections-putting consideration into carrying out repairs; plus Rockcliff revetment base.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** A MacDonald**Date:** 25/3/20Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 09:15 State of Tide: low tide

Weather: Bright, cold
breeze

COMMENTS: (Defects, Damage, Etc.)

Beach level remains at around 11th step down from top plat level.

Ongoing tidal scouring of mudstone below base of 2011 concrete sea wall re-construction (approx. 0.6-0.7m). Further deterioration also to sea-facing masonry/brick composite historical walls adjacent – cracks/voids enlarging slightly. Further underscour/beach removal at adjacent mass conc/boulder revetment. Higher beach level however at base revetment feature by Rockcliff Hotel.

Rock Cottage repair – as previous inspection.

Eastfield repairs of 2015 continue to perform well. Some mortar loss, partial voiding and fill loss below section of masonry revetment surface behind No.15 Eastfield. Small area of some slight ongoing deterioration at eastern edge of slope, but area still largely protected by rock armour. Collapse/void area heavily sea-weeded.

Tree growth at base of vertical masonry wall protecting Booker cash & carry.

Vegetation along upper revetment opp. Seaview Terrace beginning to sprout. An area of grass verge has been cut out, possibly for a monoblocked/paved seating area?

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections; Rock Cottage and Rockcliff repair areas; Eastfield revetment void.

Request cutting & spraying of upper revetment at Seaview Terrace, spring 2020.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** A MacDonald / M Dowens**Date:** 27/09/22Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 11:00 State of Tide: low Weather: bright, fair

COMMENTS: (Defects, Damage, Etc.)

Beach level around 0.2m-0.25m below 11th step down and is fairly low around the pumping station area, revealing underlying rock surfaces.

Ongoing tidal scouring of mudstone below 2011 concrete sea wall re-construction – undercut presently 0.6m-0.7m over first few metres from outside corner.

2021 masonry repairs at base of adjacent north-facing composite retaining wall performing well, but new holes appearing, revealing further voids. **Monitor.**

Minor ongoing underscour/beach sand movement at adjacent mass conc/boulder revetment. Reduced beach level local to base of concrete revetment below Rockcliff Hotel, creating underscour.

Rock Cottage repair – appears as previous inspection. Eastfield also.

Upper revetment opposite Seaview Terrace has been sprayed and saplings cut (organized via CEC local office).

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections; plus Rockcliff revetment base.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORTInspector: *A MacDonald*Date: *28/06/17*Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**Section Inspected: From: *Joppa P/Station* To: *Brunstane Burn*Time: *12:20* State of Tide: *low* Weather: *fair, dry*

COMMENTS: (Defects, Damage, Etc.)

*Beach level approx. 50mm below 11th step level at Joppa pump station area.**Ongoing deterioration to mudstone layers under 2011 concrete sea wall construction, undercut measuring up to 0.5m in places. Deterioration also to sea-facing masonry/brick composite historical wall - cracks and voids enlarging slightly.**Rock Cottage repair cracking and Rockcliff Hotel base underscour as previous.**Eastfield repairs from Feb 2015 continue to perform well – no sign of movement or cracking, although beach level drop/sand washout leaving a void beneath concrete/stone block mass, with part now broken off and scattered locally.**Mortar loss, partial voiding and fill loss below section of masonry revetment surface behind No.15 Eastfield. Rock armour units have been moved over revetment base from adjacent mass of armour protection.**Tree growth at base of vertical masonry wall protecting Booker cash & carry.**Vegetation along upper revetment opp. Seaview Terrace unsprayed – various sycamore saplings etc. proliferating, as well as grasses/weeds. Previous requests for cutting/spraying unheeded.*

Action Required to Rectify Defects etc.

*Monitor: (1) underscour below 2011 concrete wall, plus adjacent masonry/brick wall;
(2) Rock Cottage and Rockcliff repair areas;
(3) Eastfield revetment void;
(4) tree growth at cash & carry sea wall base.**Investigate direct attention to Seaview Terrace upper revetment – vegetation removal, spraying.*

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** *A MacDonald***Date:** *03/07/15*Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**Section Inspected: From: *Joppa P/Station* To: *Brunstane Burn*Time: *10:25* State of Tide: *low* Weather: *Warm & sunny*

COMMENTS: (Defects, Damage, Etc.)

*Beach level currently approx. 200mm above 11th step level at Joppa pump station area – highest level over recent few years of inspections.**Ongoing wear and deterioration to mudstone under recent concrete sea wall, undercut measuring up to 350mm in places. Minor deterioration noted at inside corner of aged masonry slightly to east. Area around repaired wall/outlet by Rock Cottage sprouting what may be Himalayan Balsam. Grassed area above still fenced off although had advised Neighbourhood repairs complete during March 2015.**Eastfield repairs from Feb 2015 performing well and algae-covered already below MHWS level. Large patch of dumped extra concrete noted at eastern end of exposed revetment/start of rock armour – almost certainly from same contract.**Beach level comparatively low around Brunstane Burn at boundary.**Seaview Terrace upper revetment vegetation has not been treated.*

Action Required to Rectify Defects etc.

Monitor recent repairs, particularly in advance of 1 year completion/defect period. Advise Neighbourhood office re fence removal, vegetation.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

By Fax/Letter:

REMARKS:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** A MacDonald / M Dowens**Date:** 4/9/23Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Joppa P/Station To: Brunstane Burn

10:00 State of Tide: low

Weather: Calm, mild
& sunny

COMMENTS: (Defects, Damage, Etc.)

Beach level around the eleventh-step-down from circular top at Joppa PS and fairly low around the pumping station area, revealing underlying rock surfaces. PS structures at beach level appear as previous inspection,

Ongoing scouring of mudstone below 2011 concrete sea wall re-construction now undercutting to over 0.9m depth, over first few metres from outside corner.

2021 masonry repairs at base of adjacent north-facing composite retaining wall performing reasonably well, but new holes appearing, revealing further voids. Enlargening hole with several missing stones appearing in one area.

Ongoing underscour/beach sand movement at adjacent mass conc/boulder revetment.

Reduced beach level local to base of concrete revetment below Rockcliff Hotel, creating underscour, with stones suspended, held in place by surrounding concrete.

Rock Cottage repair – appears as previous inspection. Eastfield also.

Upper revetment opposite Seaview Terrace overgrown, with several saplings etc.

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections and Rockcliff revetment base.
Arrange for vegetation removal at Seaview Terrace upper revetment.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT

Inspector: A MacDonald

Date: 05/04/22

Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) Yes / No

Specific Risk Assessments written or required Yes / No

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 11:00 State of Tide: low Weather: bright, fair

COMMENTS: (Defects, Damage, Etc.)

Beach level around 0.2m-0.25m below 11th step down and is fairly low around the pumping station area, revealing underlying rock surfaces.

Ongoing tidal scouring of mudstone below 2011 concrete sea wall re-construction – undercut presently 0.6m-0.7m over first few metres from outside corner.

2021 masonry repairs at base of adjacent north-facing composite retaining wall performing well, but new holes appearing, revealing further voids. **Monitor.**

Minor ongoing underscour/beach sand movement at adjacent mass conc/boulder revetment. Reduced beach level local to base of concrete revetment below Rockcliff Hotel, creating underscour.

Rock Cottage repair – appears as previous inspection. Eastfield also.

Upper revetment opposite Seaview Terrace has been sprayed and saplings cut (organized via CEC local office).

Action Required to Rectify Defects etc.

Monitor: underscour below 2011 concrete wall, plus condition of adjacent masonry/brick wall sections; plus Rockcliff revetment base.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

THE CITY OF EDINBURGH COUNCIL

COASTAL PROTECTION
INSPECTION REPORT**Inspector:** M Dowens**Date:** 09/09/2024Generic Risk Assessments Reviewed by Inspector
(Construction/Technical RAs are on the Orb) **Yes / No**Specific Risk Assessments written or required **Yes / No**

Section Inspected: From: Joppa P/Station To: Brunstane Burn

Time: 10:00 State of Tide: low

Weather: bright, warm
& sunny

COMMENTS: (Defects, Damage, Etc.)

Beach level sitting a little below eleventh step down. level and fairly low around the pumping station area, revealing underlying rock surfaces. Low level PS structures as prev inspections. Stretch of rock armour eastward from PS also as previous, with no movement of note.

Recent repair to old masonry wall at Joppa Pans holding well with no further defects noted.

Ongoing scouring of mudstone below 2011 concrete sea wall re-construction. Measurement not taken but over the previous quarter many stones/boulders have been noted filling and emptying out of the void. Nothing serious noted visually.

2023 masonry repairs at base of adjacent north-facing composite retaining wall performing well, but new holes appearing/enlarging slightly, revealing further voids.

Ongoing under scour/beach sand movement at adjacent mass conc/boulder revetment.

Reduced beach level around base of revetment below Rockcliff Hotel, creating under scour, with large stones now suspended above beach, held in place by concrete.

Rock Cottage repair – appears as previous inspection. Eastfield also.

Upper revetment opposite Seaview Terrace overgrown with vegetation, with several sapling growths. Contact locality team to arrange removal?

Action Required to Rectify Defects etc.

No specific actions required. Minor works could be carried out to fill smaller voids in revetments and areas of masonry could do with patch repair pointing. Some sort of remedial works could be considered at Joppa Pans where the under scour has occurred.

Owners/Occupiers of Damaged Section of Sea Defences (if known):

Owners/Occupiers Notified: By Phone:

COASTAL PROTECTION INSPECTION FORM C.2

Inspector:	Angus MacDonald		
Section inspected:	Joppa		
Inspection from:	SWPS building	Inspection to:	Brunstane Burn
Date & time:	Friday 11/10/2025 from 11:00hrs	Generic RA reviewed in advance by inspector:	Yes (no Specific RA written or required for location)
Tidal condition & weather at location:	Approx. 1 hour after low tide on commencement of inspection; overcast with 15-20mph westerly breeze.		

Inspection observations (including damage, defects, changes from previous inspections): All as previous around SW pumping station building at semi-circular steps – area within concrete pipework structure filled with seawater from prior high tide. Rock armour along upper beach to Joppa Pans all as previous. Ongoing scour of soft rock formation below 2011 concrete wall repair section. Large spray-painting over west-facing wall. Around the corner, repair mortar in historic brickwork wall performing well. No significant new holing of wall, nor of large concrete slope revetment heading east to beach area beside Rock Cottage. Cottage defences looking as previous. New foreshore works noted behind and below Rockville Hotel – concrete plinth just above beach level (cast onto underlying rock) plus post-supported large glazed cantilevered extension and external balcony. Unfortunately no concrete used to repair scoured base around beach level, below conservatory. Rock armour and concrete sea wall below bus terminus all as previous; Eastfield sloping stone revetment and repairs area also all as previous. Rock armour behind Eastfield properties also as previous. Beach level slightly high, with Brunstane Burn having carved itself a shallow channel to run to the Forth. On returning along high level, vegetation and saplings along upper revetment above rock armour opposite Seaview Terrace could use strimming/cutting over winter season before spring 2026.
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Actions required to report or rectify damage/defects, including future monitoring: Ongoing monitoring of wall base and formation at Joppa Pans repair area; consider addressing overgrown and spreading vegetation in Seaview upper revetment interlocking concrete panels.
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Notes on the above actions (ownership details, contact info etc): Try Parks to see if action possible at Seaview.
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Inspection schedule:	
Regularity of inspection for this section: 6-monthly	Next inspection due: March/April 2026

Requirement for amendment/update of Generic/Specific RA, based on changes: no update required

Notes:

Inspection form content completed by:	Angus MacDonald
Signed:	
Date:	13/10/2025
Inspection form content reviewed by:	
Signed:	
Date:	