



COUNCIL OF THE ISLES OF SCILLY

Town Hall, St Mary's, Isles of Scilly, TR21 0LW

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✉enquiries@scilly.gov.uk

Mrs L Walton
Senior Officer Planning and Development Management
Council of the Isles of Scilly
Town Hall
St Mary's
TR21 0LW

25 May 2021

Dear Lisa

Re: EIA Screening for Off-islands Sea Defence and Dune Management

I'm writing to request an Environmental Impact Assessment Screening Opinion for the works that are proposed for coastal sites on St Agnes, Bryher and St Martin's.

In addition, I would also like to understand what other reports, statements or other supporting documents would be required at the planning permission submission phase.

I would like to establish whether or not any of the proposed works would be treated as EIA development and I would like to know what documentation would be required to support the applications.

Attached are details of the following proposed works along with site plans showing the extent of proposed works. The site numbers reference the locations on maps 1 to 3.

St Agnes

Site 51 – Porth Killier
Site 50 – Porth Coose
Sites 48 and 49 – Periglis
Site X – Field 6 on Lighthouse Farm

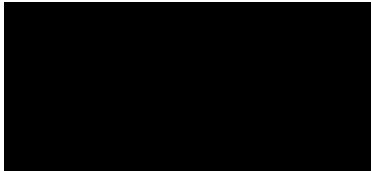
Bryher

Site 4 – Great Popplestone
Site 3b – Great Par north
Site 2 – Great Par south
Site 8 – Green Bay
Site 3 – Stinking Porth
Site 5 – Kitchen Porth
Site 8b – Quay beach

St Martin's
Site 28 – Higher Town

I hope this letter provides you with the necessary information required to undertake a screening opinion. If you have any further queries, please do not hesitate to contact me to discuss any additional details.

Yours sincerely,



Stephen Swabey

Project Director – Climate Adaptation Scilly



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Table 1: Bryher Works

Option	Site (no. is as on maps)	Protecting	Aim	Issue	Below MHWS	Below MLWS	Activity
1B	4 – Great Popplestone	Freshwater supply	Prevent saline intrusion by preventing overtopping waves	N end of bay sand dunes 2 m too low	No Yes No	No No No	Recharge & restore 90 m of dune Reposition and maintain 50 m ³ of <i>in-situ</i> existing 'rock armour' Create earth bund around freshwater well location
2B	3b – Great Porth [aka Great Par] north of Great Carn	Main road	Prevent overtopping waves damaging/blocking road	Dune crest 1 m below rest of beach frontage	No Yes	No No	80 m linear of dune nourishment and restoration along with negotiated changes to access and vehicular routes to enable the dune to recover and recess Beach recharge and formalised slipway where core is scoured by waves.
3B	2 – Great Porth/Par south of Great Carn	Main road	Prevent overtopping waves damaging/blocking road	Low section of dune	No	No	20 m of damaged dune restoration with recharge

4B	8 – Green Bay	The Green	Prevent overtopping waves	Low section of dune	No	No	100 m of 'dune' restoration and nourishment with sand to raise dune height by 250 mm
5B	3 – Stinking Porth	Freshwater supply	Prevent saline intrusion by preventing overtopping waves	Low section of dune	No	No	Reduce overtopping & breach risk at 20 m southern section with 20 m ³ of localised dune restoration
6B	5 – Kitchen Porth	Vulnerable properties	Prevent inundation	Low section of bank	No	No	Raise front edge and across 75 mm of informal pathway by 500 mm to provide a protective embankment between dune area and properties
7B	8b – Quay	Quay access	Prevent erosion of road and quay	Eroded corners	Yes	No	Rock revetment protection works on Quay Beach

Table 2: St Agnes Works

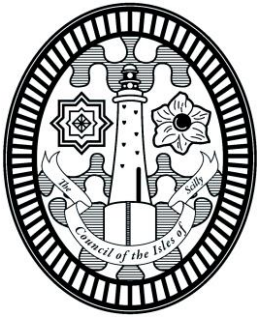
Option	Site	Protecting	Aim	Issue	Below MHWS	Below MLWS	Activity
1A	51 – Porth Killier	Seawall stability	Prevent erosion and reduce overtopping risk	Seawall erosion	Yes	No	Reduce scouring of toe/foundation of 10 m section of retaining sea wall by protecting it with 1.5 m ³ of rock armour per linear metre
2A	51 – Porth Killier	Main road	Prevent erosion and reduce overtopping risk	Ram erosion	Yes	No	Halt ram erosion & overtopping risk at a 5 m section to immediate SE of sea wall by installing localised 2.5 m high rock armour revetment

3A	51 – Porth Killier	Groundwater recharge area	Reduce overtopping risk	Low section of rock armour	No	No	Add 20 m ³ of rock armour to existing to raise height and address overtopping risk on NW side of Porth Killier
4A	50 – Porth Coose 48, 49 – Periglis	Groundwater recharge area	Reduce overtopping risk	Low sections of dune	No Yes Yes	No No No	One option from (1), (2) or (3). (1) Restore 500 m of dunes, locally recharging 125 m of it with imported granite ‘crush’. Naturally & flexibly strengthen, raise and protect low sections with biomatting & by planting and establishing with varied palette of coastal dune flora. Achieve a consistent profile 750 mm above the current low points. (2) Alternatively, protect 220 m length and 8 m width of dunes on Periglis beach with concrete block revetment, while the remainder is treated as (1) above. (3) Alternatively, protect 220 m length and 8 m width of dunes on Periglis beach with Tecco Cell proprietary erosion protection matting, while the remainder is treated as (1) above.
5A	48 – Periglis	Slipway	Repair slipway	Slipway in poor repair	Yes	No	Repair Periglis Slipway (6 m ³ concrete) & enhance rock armour at quay & tie-in with beach entrance
6A	48 – Periglis	Slipway	Prevent flooding through slipway	Slipway flood risk	No	No	Add stop log fitting and supply stop logs to slipway

7A	X – field 6, Lighthouse Farm	Material storage	Long-term (15 years) storage of rock and sand	Repair of coastal works	No	No	Storage of sand and rock in piles at the corner of field 6 on Lighthouse Farm. Sand to be stored in dumpy bags and rock stored in the open. Dumpy bags to be replaced every 2 years.
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Table 3: St Martin's Works

Option	Site	Protecting	Aim	Issue	Below MHWS	Below MLWS	Activity
1M	28 – Higher Town	Freshwater supply	Prevent overtopping	Low section of dune	No	No	Fence off the 25% most damaged and weakest sections of dune front and rear over 100 m to give them the chance to recover
2M	28 – Higher Town	Freshwater supply	Prevent overtopping	Low section of dune	No	No	Sensitively restore 200 m of dune with in-situ materials, supplemented with planting and plant transposing to protect the most damaged & compromised 25% of dunes, reroute the important coastal path. Potentially protect beach access tracks from erosion with boardwalks.



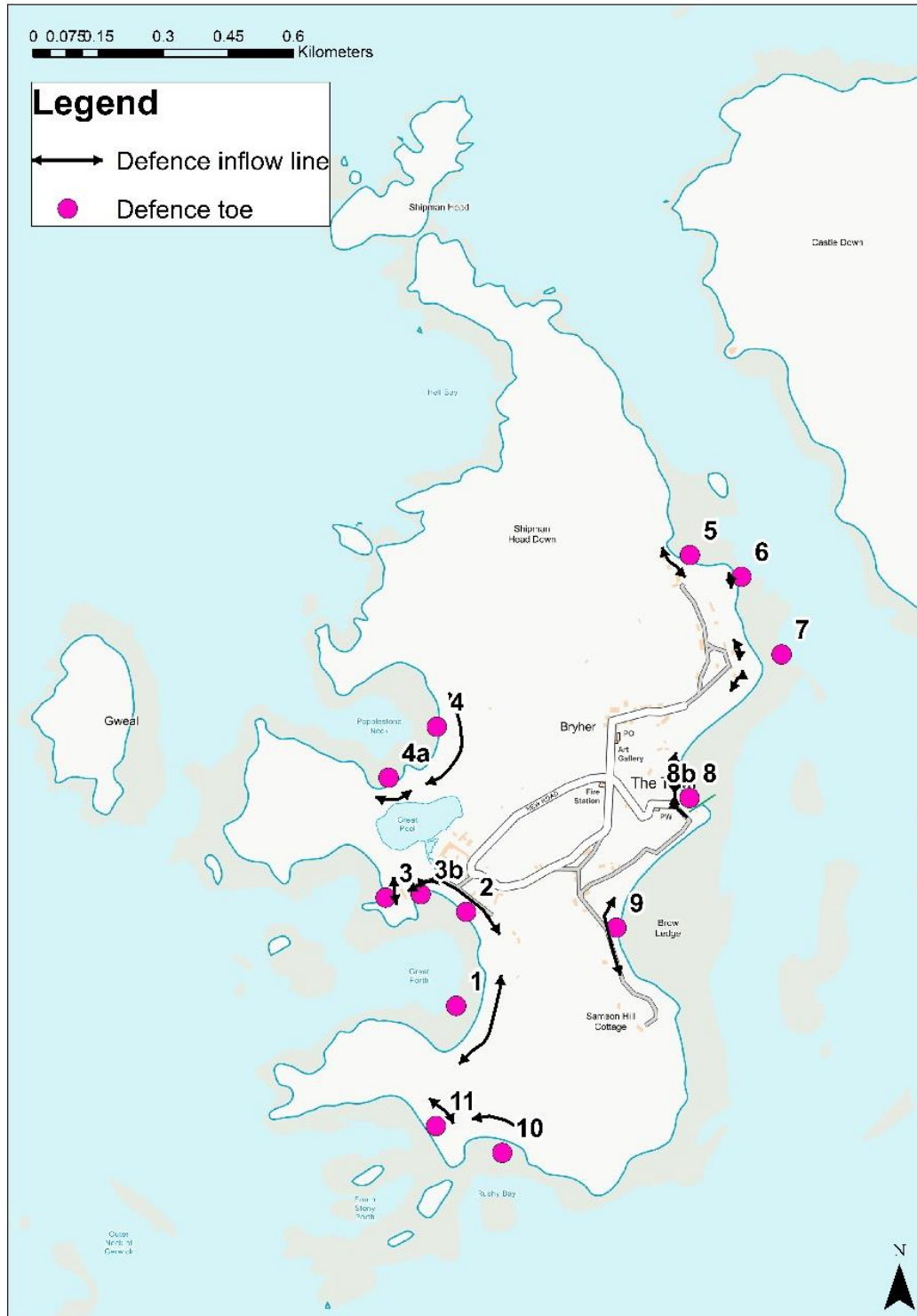
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Map 1 – Bryher site locations



Map 2 – St Agnes site locations



Map 3 – St Martin’s site locations

