

Enclosure 3  
Coastal Flood Risk  
Clarification Letter

[Redacted]  
Orkney Islands Council  
By email to [Redacted]

Our ref 679084/MN/001  
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5 September 2025

Dear [Redacted]

## Scapa Deep Water Quay (SDWQ) Coastal Flood Risk – Operational Management

Thank you for your correspondence in relation to the above development proposal, and the requirements for operational management of coastal flood risk.

We acknowledge the comments raised on the potential local inaccuracies of the national Coastal Flood Boundary (CFB) dataset around the Orkney Islands, and specifically within Scapa Flow. We can confirm that the SDWQ design and operational management plan will consider the observed extreme tidal event level of 3.43 metres above Ordnance Datum (mAOD) recorded in St Margaret's Hope during the January 2005 flood event. The operational management plan will consider the risks associated with coastal flooding, including wave overtopping, and detail necessary operational limits and processes.

It is noted that the proposed quay design includes a quay level of 7 metres above Chart Datum (mCD), equivalent to 5.35 mAOD. This represents a freeboard of 1.92 m above the 2005 flood level and 0.99 m freeboard above the equivalent 2100 flood level when accounting for climate change driven sea level rise (+0.93 m).

Yours sincerely  
**for EnviroCentre Limited**

(issued electronically)

[Redacted]  
**Associate Director**

[Redacted]  
**Managing Director**

Enc:

CC: