
Lisa Hopkinson
Marine Licensing
Cardiff Permitting Centre
Natural Resources Wales
29 Newport Road
Cambria House
Cardiff CF24 0TP

By email

21st August 2017

Dear Lisa

Proposed Tidal Lagoon Swansea Bay

Having reviewed the substantial amount of modelling advanced by TLP, we are not in any reassured that it is safe to permit the proposed development.

Colleagues from Passas, RSPB and Angling trust have submitted their concerns to which we add:

1. It is clear that the following Annex II species will be found in Swansea bay:
 - a) Atlantic salmon (from any or all the rivers that enter the Bristol Channel including Usk and Wye SAC)
 - b) Twaite and Shad (Tywi, Usk, Severn Estuary and Wye SAC species)
 - c) Sea and River Lamprey (as above)
 - d) In addition non SAC species: European eel and sea trout

These are the species of concern for the rivers trusts of Wales

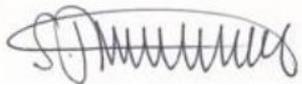
2. No precautionary principle approach seems to have been included on the effects of predation by bird, predatory fish such as bass or marine mammal yet it is widely acknowledged that plumes or output jets will place the fish listed above and their juveniles fish at a further disadvantage
3. Similarly, the adverse effects of impoundment on juveniles and adults seem not to have been addressed both in respect of the risk of disorientation and predation

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4. These problems come on top of the difficulties adult fish and their juveniles face if passing through or near turbines

5. We believe it is the responsibility of the proposed developer to show no adverse effects and particularly in respect of increased predation and the negative effects of impoundment we can see no clear evidence that what is proposed will be safe

Yours sincerely

A handwritten signature in black ink, appearing to read 'S Marsh-Smith', written over a light grey rectangular background.

Dr Stephen Marsh-Smith OBE
CEO Afonydd Cymru