



Tidal Lagoon Swansea Bay

ADAPTIVE ENVIRONMENTAL MANAGEMENT PLAN

SUPPORTING DOCUMENT

DCO Requirement 6

June 2020

Tidal Lagoon Swansea Bay

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10.0	24/06/2020	Reference to AEMP drafted for Works 7A only	KW	TC	GE

Authorisation

Name	Signature	Date
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1 Introduction

1.1 The TLSB project

- 1.1.1 Tidal Lagoon Swansea Bay (TLSB) will be the world's first purpose built tidal energy lagoon. The generating station will have an installed capacity of 320 megawatts (MW) and will enclose part of Swansea Bay, from the eastern side of the River Tawe to the eastern edge of the new Swansea University Bay-Campus. In total the seawall will form an approximately 9.5km-long, U-shape which will encompass approximately 11.5km² of the seabed, foreshore and intertidal area of Swansea Bay.
- 1.1.2 TLSB made an application to the Planning Inspectorate on 7 February 2014 for a Development Consent Order (DCO) for a tidal lagoon (the TLSB Project) in Swansea Bay, South Wales. Examination of the application closed on 10 December 2014 and development consent was granted by the Secretary of State (SoS) on 9 June 2015.
- 1.1.3 **This submission seeks to satisfy DCO requirement 6 - Adaptive Environmental Management Plan and includes the following documents:**
 - **Adaptive Environmental Management Plan**
 - **Construction Phasing Scheme Matrix**

1.2 DCO Requirement

- 1.2.1 Agreement of an Adaptive Environmental Management Plan (AEMP) is Requirement 6 of the DCO, and as such has been prepared by TLSB for approval by the relevant Planning Authorities in accordance with the DCO.
- 1.2.2 DCO Requirement 6 – Adaptive Environmental Management Plan states:

6.—(1)No authorised development are to commence until an AEMP, substantially in accordance with the outline Adaptive Environmental Management Plan, has been submitted to and approved by the relevant planning authorities in consultation with Natural Resources Wales.

(2) The approved AEMP must contain provision for the revision from time to time of the monitoring and management measures that it contains in order to achieve the Objectives set out in the outline Adaptive Environmental Management Plan.

(3) Construction and operation of the authorised development must be carried out in accordance with the approved AEMP as it subsists from time to time.

(4) The undertaker is to be responsible for the implementation of measures contained in or determined pursuant to the AEMP.

(5) The AEMP must include mechanisms for the delivery of mitigation to manage restoratively any adverse impacts resulting from the development, to habitats, species and sediment distributions on the Swansea Bay seafront arising from—

 - (a) increases in mud deposition within the lagoon;*
 - (b) increases in windblown sand hazards; and*
 - (c) increases in saltmarsh vegetation.*

(6) The AEMP must include a scheme for the monitoring and management of siltation in the Monkstone Marina.

(7) The AEMP must provide for the appointment of a Core Review Group to include representatives of the undertaker, Natural Resources Wales and the 2 relevant planning authorities and to be chaired by an independent person selected by the Core Review Group.

- 1.2.3 The AEMP has been drafted to satisfy DCO Requirement 6 for Works 7a and therefore includes elements that are relevant to the City and County of Swansea Council (CCSC), therefore, this AEMP is provided to CCSC only, for approval.
- 1.2.4 The Adaptive Environmental Management Plan has been produced to satisfy the criteria of DCO Requirement 6 in accordance with the Construction Phasing Scheme (DCO Requirement 3). This document will be updated, as appropriate, at the relevant phases of construction to include details relevant to that phase of DCO Works.