

Appendix E10

Carlyon Bay – Landscape and Ecology Management Plan Framework

Introduction

The development proposal for Carlyon Bay includes the retention of key area of biological and geological interest and the creation of new habitat and features across the site. In order to ensure the long-term management of the biodiversity the site will be managed under the provisions of a Landscape and Ecology Management Plan (LEMP). The key tenet of the proposal has been to integrate landscape and ecology design. This approach will inform both the construction and operational phases of the development. The detailed development and implementation of the LEMP will be secured through a planning condition

This document sets out the framework for the LEMP that will be the basis for the detailed plan.

Plan structure

The LEMP will cover all areas of ecological interest within Carlyon Bay which will be retained within the development and those new features such as green/brown roofs, sand dunes, open water, nest sites, bat roosts and new planting.

The ecological aspects of the LEMP will be based upon the extensive biological data that has been gathered on the site. The data will inform the management objectives. The setting of the management objectives will also be informed by the mitigation measures that have been identified in Chapter E of the Environmental Statement.

The LEMP will be based on a standard ecological management plan structure as set out below.

Key management areas

The plan will include the following key aspects:

- habitat management for invertebrates, reptiles, sea cliffs, sand dunes, beach and foreshore.
- control of invasive species such as Japanese Knotweed *Fallopia japonica* and *Rosa rugosa*.
- management of newly created habitats
- required biological monitoring
- review management prescriptions (normally every five years)
- education and interpretation

Implementation

The implementation of the management plan will be secured through planning conditions.

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