

## 8 OTHER ENVIRONMENTAL ISSUES

### 8.1 Terrestrial Ecology

An ecological survey of the TCT peninsula was undertaken as part of the previous EIA studies<sup>7</sup>. The areas of ecological interest were the wooded valley habitats on the east side of the peninsula and within Pennys Bay close to the Cheoy Lee Shipyard. The terminals will be established on new reclamation and will not, therefore, impact on the identified sensitive areas. No impact on terrestrial ecology is anticipated from the Terminal Construction activities.

### 8.2 Marine Ecology

A marine ecology survey was conducted during the LPD Stage I Ancillary Works. It concluded that the number of Chinese white dolphins (*Sousa chinensis*) sighted in the area was small and the area appeared to be less utilised by the dolphins than the waters to the north of Lantau Island. Sighting records of World Wide Fund for Nature/Hong Kong (up to December 1993) and data collected during the ongoing Swire Institute of Marine Science Study also suggested that the area does not appear to be of major significance to the dolphins. Hence, it was concluded that the Lantau Port Development is likely to have minimal impact on the dolphins. Though monitoring during construction was recommended to monitor the impact, dolphin and fish fry are in progress or planned, though no additional information is available for inclusion in this report.

### 8.3 Cultural and Heritage

During the LAPH studies 15 sites of archaeological interest were identified in the extended study area. During the LPD Preliminary Design three sites were identified which had potential to be adversely affected by the construction and operation of the CT10 & 11 terminal developments. These sites were :

- Pa Tau Kwu - a small peninsula extending south from the TCT peninsula. In the LAPH studies this site was identified as a conservation site and the draft Outline Zoning Plan identified retention of the area;
- Chok Kwo Wan - located on the east side of Pennys Bay. The Antiquities and Monuments office have indicated that this site is fully excavated; and
- Luk Keng - located on the north shore of Lantau Island close to Yam O Wan, which will not be affected by the Terminal construction.

The Antiquities and Monuments office undertook a survey of the TCT peninsula to identify new sites of significance, identify needs for protection or rescue excavation in the event that the TCT Megga Borrow Area was developed.

The only site, identified to date, which has potential to be affected by terminal construction and operation is the neolithic site at Pa Tau Kwu. The land site has been identified for retention in the draft OZP and no impact from terminal construction and operation is anticipated.

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<sup>7</sup> LPD Stage I, Container Terminals CT10 & 11, Preliminary Design Study, Working Paper 14.