

Annex 1

Replacement Page
of Ecological Impact Assessment

4.5.2 A 3m site hoarding has been placed and will be maintained **by the applicant** during construction phase between the WRA and the construction works for residential areas so that a visual barrier is maintained between the construction work and wetland habitats, and hence avoiding direct impacts on the WRA. Other methods to reduce sources of disturbance will be employed, including good site practice within the construction site, selection of quiet equipment to minimise noise disturbance, minimisation of night-time lighting and location of lighting away from the wetlands, and prevention of feral dogs from accessing the construction site. Implementation of the ecological mitigation measures stated, will continue to be checked as part of the EM&A procedures during the construction period. No additional disturbance impact is anticipated to the fauna species of conservation importance in the WRA.

4.6 Potential Impact to Bird Flightline

4.6.1 During the wet season flightline surveys (**Table 6, Table 7 & Figure 1**), approximately 8 bird individuals per survey hour were recorded flying above the Application Site (flightline no. 3). The number of bird individuals utilising this flightline is very minor when compared to the Deep Bay population. Approximately one 1 bird individual per survey hour was recorded flying across the Application Site at 20m or below.

4.6.2 During the dry season flightline surveys (**Table 8, Table 9 & Figure 2**), approximately 18 bird individuals (mainly Great Cormorant) per survey hour were recorded flying above the Application Site (flightline no.2). None of the individuals utilizing the Flightline No. 2 was recorded at height of 20m or below. Impedance of flightlines is therefore not expected.

4.6.3 Therefore, potential impacts to flightlines as a whole are not considered to be significant.

4.7 Potential Bird Collision Impact with Buildings

4.7.1 With reference to the revised MLP, the increase in building height from 2-storey to 3-storey, is similar to the existing residential areas, i.e. Royal Springs and Palm Springs.

4.7.2 The mitigation measures to avoid bird collisions (i.e. visually unobtrusive and non-reflective building materials etc.) in the approved EcolA apply here. Therefore, the potential impact of bird collision with any buildings is not anticipated.

4.8 Potential Impact to the WCA and SPS WCP

4.8.1 No change is proposed to the design or operation of the WRA with reference to the Wetland Restoration Plan (WPR) in the approved EIA. Access will only be required to facilitate monitoring and management. Monitoring activities will be undertaken at an appropriate time of the day to minimize the disturbance to bird activity. Routine management works (e.g. grass-cutting) will be conducted on a monthly basis to avoid the need for large scale and/or intensive vegetation management. The WRA will be secured to prevent unauthorised human access and exclude dogs from the site as far as possible. The WRA will continue to function as a buffer between the residential development and the fishponds in the WCA.

4.8.2 The mitigation measures to avoid night-time lighting and glare in the approved EcolA apply here. The proposed residential houses will not have extensive exterior lighting or glass or reflective coverings. Night-time light disturbance will be minimised by limiting the amount of lighting in the construction site, and by situating this away from the WCA fishponds. The lighting units will be directional and hooded where appropriate to minimize unnecessary light spill. Human activities and traffic will be restricted within the residential portion, and would be entirely screened off by the buffer planting (which has now been increased from 2.5m to 5m within the residential portion) and perimeter wall. Hence, no additional impact is predicted to the wetland habitats in the WCA and proposed SPS WCP.

4.8.3 The proposed SPS WCP within the 500m AA, have already been assessed, as these wetland habitats are all in the WCA. The first phase of SPS WCP is suggested to start with fishponds in