



CONTRACT NO. HY/2019/14
NEW WANG TONG RIVER BRIDGE
BREEDING BIRD SURVEY REPORT (REV.1)

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Appendix A *Photographic Record of Ecological Site Inspection*

1. Introduction

- 1.1. Lam Environmental Services Limited has been appointed to works as the Environmental Team (ET) to undertake the Environmental Monitoring and Audit (EM&A) works for the Project – Contract No. HY/2019/14 New Wang Tong Bridge (Hereafter named as “the Project”).
- 1.2. According to Approved Environmental Impact Assessment Report (AEIAR No. 199/2016), a nest of Black-collared Starling (*Gracupica nigricollis*) was recorded on a *Casuarina equisetifolia* in the proposed works area, the individual of *Casuarina equisetifolia* with bird nest would be retained. Ecological impact on the breeding activity of Black-collared Starling is considered as minor if the proposed mitigation measure is implemented properly.
- 1.3. To minimize impact on the breeding activity of Black-collared Starling, before site clearance, the works area should be inspected by ecologist to confirm no active bird nest is present. If any active bird nest is identified, suitable size of buffer area should be established until the nest is abandoned.
- 1.4. The EIA report was approved without conditions on 23 September 2016 (Register No. AEIAR-199/2016). EPD issued an Environmental Permit (EP) for the Project (Permit No. EP-555/2018) on 23 March 2018.

2. Objectives of the Submission

- 2.1. In accordance with Environmental Permit (register no. EP-555/2018) Condition 2.9 requirement, the Permit Holder shall no later than 1 month before the commencement of construction of the Project submit an Ecological Site Inspection Report (the Report) to the Director for approval.
- 2.2. The Report shall review/ update the breeding activity of Black-collared Starling or any other bird species (before the site clearance). If any active bird nest is identified, the Permit Holder shall propose and implement suitable mitigation measures to avoid/ minimize the impacts on the breeding activity. The Report shall be prepared by a qualified personnel(s) and shall be certified by the ET Leader and verified by the IEC.

3. EIA Baseline Information

- 3.1. As stated in Approved EIA Report, a nest of Black-collared Starling (*Gracupica nigricollis*) was recorded on a *Casuarina equisetifolia* in the Project Boundary, the individual of *Casuarina equisetifolia* with bird nest would be retained. The breeding activity of Black-collared Starling does not rely on specific species and similar habitat (i.e. tall tree canopy) can easily be found in the surrounding, impact on the breeding activity of Black-collared Starling would be minor if the proposed mitigation measure is implemented properly at below:

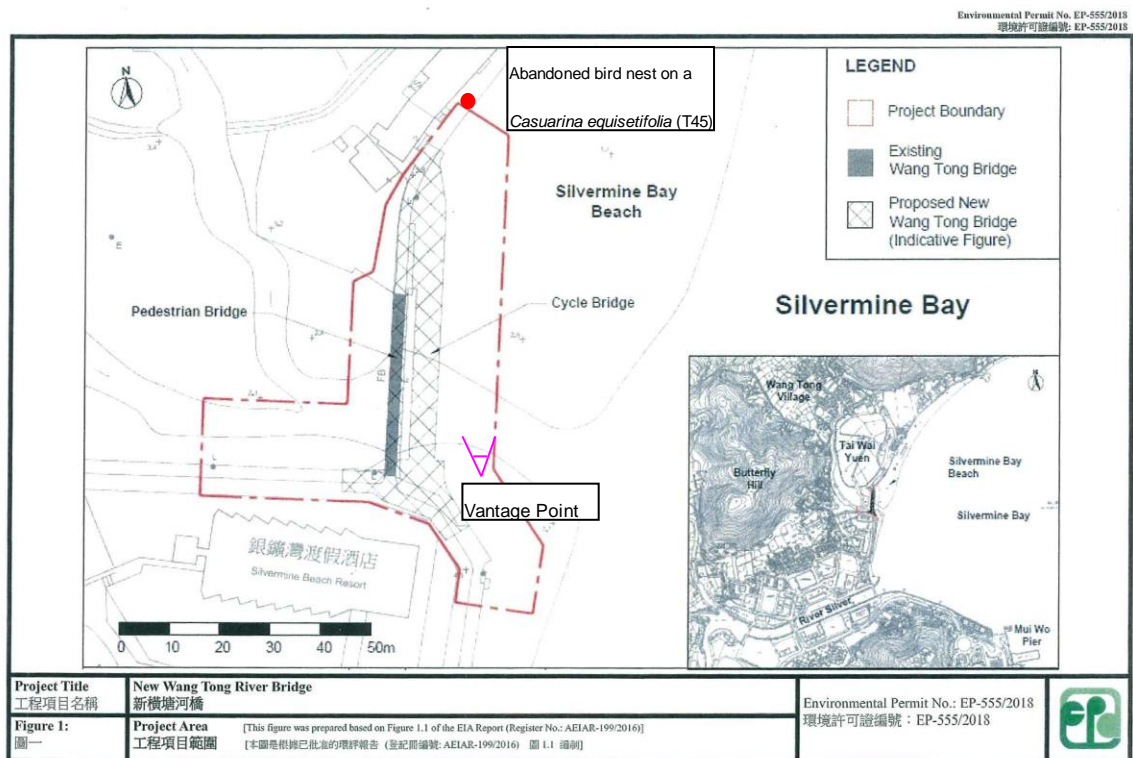
“To minimize impact on the breeding activity of Black-collared Starling, before site clearance, the works area should be inspected by ecologist to confirm no active bird nest is present. If any active bird nest is identified, suitable size of buffer area should be established until the nest is abandoned.”

4. Ecological Site Inspection / Breeding Bird Survey

Methodology

4.1. Breeding bird survey were undertaken on 5th and 6th November 2020 to monitor the breeding activity of Black-collared Starling or any other bird species in the Project Boundary. The survey was conducted in the morning and nightfall. Direct observation was made from a vantage point at the sandy shore of Silver Mine Bay Beach (see **Figure 1**). Survey was conducted with the aid of 8x42 binoculars.

Figure 1: Project Area



Inspection Result

4.2. No active nest was observed on trees within the Project Boundary.

4.3. Only one abandoned bird nest was observed on a *Casuarina equisetifolia* (Tree no. T45) where is outside the proposed New Wang Tong Bridge (see **Figure 1**). Photographs of the site inspection are shown in **Plates 1 to 3** in **Appendix A**.



5. Conclusion

5.1. The Ecological Site Inspection Report is prepared in accordance with Condition 2.9 of the Environmental Permit for the Project. Breeding bird survey was undertaken on 5th and 6th November 2020, before commencement of site clearance works at the Project Boundary. The breeding bird survey confirmed that no breeding activity / active bird nest was present in the Project Boundary.



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Appendix A

Photographic Record of Ecological Site Inspection

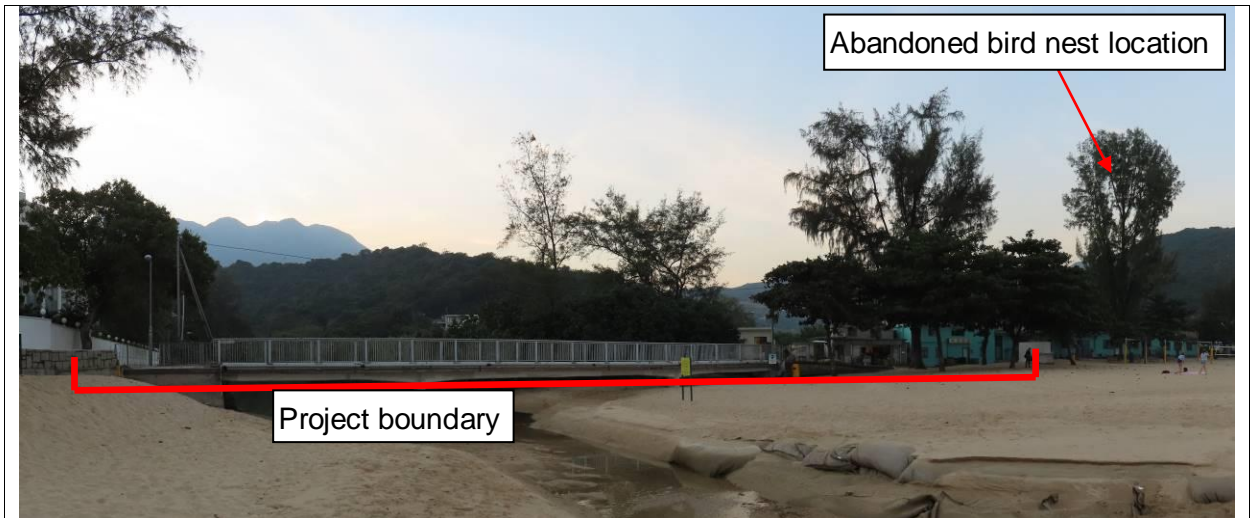


Plate 1: Overview of project site and abandoned bird nest location



Plate 2: Close-up of abandoned bird nest



Plate 3: Overview of *Casuarina equisetifolia*