



Our ref: DOC21/18284-7

Your ref: SSD-8660

Bruce Zhang

Senior Environmental Assessment Officer  
Industry Assessments  
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Dear Mr Zhang

**Kariong Sand and Soil Supplies Facility – Response to Submissions addendum**

I refer to your request for comment dated 14 January 2021 on the Kariong Sand and Soil Supplies Facility Response to Submissions addendum.

Biodiversity and Conservation Division's (BCD) recommendations are provided in **Attachment A** and detailed comments are provided in **Attachment B**. BCD is satisfied that the water, floodplain and coast comments previously raised (letter dated 24 September 2020) have been adequately addressed.

If you require any further information regarding this matter, please contact Brendan Mee, Senior Conservation Planning Officer, on 4904 2730 or via email at [rog.hcc@environment.nsw.gov.au](mailto:rog.hcc@environment.nsw.gov.au)

Yours sincerely

A handwritten signature in black ink, appearing to be 'S. Cox', written over a horizontal line.

27 January 2021

**STEVEN COX**  
**Senior Team Leader Planning**  
**Hunter Central Coast Branch**  
**Biodiversity and Conservation Division**

Enclosure: Attachments A and B

## BCD's recommendations

### Kariong Sand and Soil Supplies Facility – Response to Submissions Addendum

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1. BCD recommends that the requirement to prepare and implement a vegetation monitoring program for *Melaleuca biconvexa* for a minimum of 10 years is included as a consent condition and that the monitoring program includes permanent vegetation integrity plots and appropriate triggers for offsetting impacts to *Melaleuca biconvexa* if the mitigation measures are not effective.

## BCD's detailed comments

### Kariong Sand and Soil Supplies Facility – Response to Submissions Addendum

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#### Biodiversity

1. A consent condition is recommended to outline *Melaleuca biconvexa* monitoring requirements

In our previous response (dated 24 September 2020) to the Response to Submissions report for the project Biodiversity and Conservation Division (BCD) recommended a vegetation monitoring program be implemented to monitor the long-term survival of *Melaleuca biconvexa* on the site to ensure the proposed mitigation measures are successful.

BCD notes that the proponent has agreed to prepare and implement the vegetation monitoring program. BCD recommends that this requirement is included as a consent condition for the project. The consent condition should include the following requirements:

- A monitoring program for *Melaleuca biconvexa* that includes permanent plots that measure the number of plants (including cover and abundance), their density and age structure (i.e. seedlings, juveniles and adults), area extant (i.e. area population covers), and their overall condition / health;
- The monitoring should occur for at least ten (10) years and an annual report be provided to the consent authority outlining the results;
- The monitoring program should identify an appropriate trigger for offsetting impacts to *Melaleuca biconvexa* if the mitigation measures are not effective.

#### Recommendation 1

BCD recommends that the requirement to prepare and implement a vegetation monitoring program for *Melaleuca biconvexa* for a minimum of 10 years is included as a consent condition and that the monitoring program includes permanent vegetation integrity plots and appropriate triggers for offsetting impacts to *Melaleuca biconvexa* if the mitigation measures are not effective.