

Your Ref:
Our Ref:
Enquiries: Craig Boyce



Environmental Protection Authority
By email

Dear Sir

Referral of a Proposal – Dampier Palms – Sand Renourishment Trial

The City of Karratha is proposing a trial sand renourishment of the beach adjacent to the Dampier Palms as part of the Dampier Palms Foreshore Redevelopment. It is proposed to collect up to 7,000m³ beach sand from the beach immediately south of the Dampier Palms beach where it has been deposited over the last 70 years and placing it to create an improved beach adjacent to the Dampier Palms foreshore. The sand will be transported along the beach by articulated truck and/or loader.

The City engaged Seashore Engineering who have provided a comprehensive report on the proposal and following a subsequent site visit further information to support the referral.

The City has engaged with the local community through two public workshops. The community has demonstrated strong support for the trial sand renourishment of the Dampier Palms beach. Currently the beach has significant rock outcrops in the tidal zone which limits its attractiveness as a swimming beach.

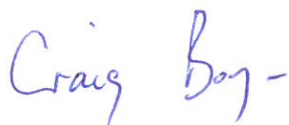
The following documents are attached in support of the completed EPA Referral Form;

- Dampier Palms and Hampton Oval Redevelopment – Sand Renourishment Feasibility Study June 2018 (Report 062-01-Rev 1) Seashore Engineering.
- Seashore Engineering Site Inspection letter dated 4 May 2018.
- Email correspondence from Pilbara Ports Authority dated 4 May 2018.
- Email correspondence from Department of Transport dated 24 May 2018 (Note that the comments from Fangjun Li have been reviewed and the above Feasibility Study Report undated)
- Email correspondence from Rio Tinto dated 5 July 2018 supporting the project.
- Environmental Impacts

The sand renourishment trial will be conducted on Lot 23 held by Hamersley Iron (RTIO) and subject of Crown Lease N140743 and due for renewal on 31 December 2027. The City of Karratha is currently in advanced negotiations with RTIO for the transfer of this Lot 23 to the City as part of the normalisation of the township of Dampier.

The proposal is submitted for your assessment. Should you have any queries please do not hesitate to give me a call.

Yours faithfully

A handwritten signature in blue ink that reads "Craig Boyce". The signature is written in a cursive style with a horizontal line at the end.

Craig Boyce
Project Manager

17 July 2018

Attachment: Environmental Impacts

Attachment 1: Environmental Impacts

The information below compliments the Seashore Engineering advice and supports the attached EPA Referral Form.

1. The sand will be taken from the active foreshore area only.
2. It is not proposed to clear any native flora and vegetation as part of the proposal.
3. It is not expected that any fauna or fauna habitat will be impacted by the proposal.
4. The site of the works is not within or adjacent to any significant areas, national parks or nature reserves.
5. Coastal processes – the works are in the foreshore and tidal zone. The City will take steps during implementation to minimise any disruption to the beach and turbidity of the water at both the borrow area and the replenished beach. The work site will be marked and signposted to ensure public safety during the works. The City will monitor the works and should significant turbidity become apparent the works will be stopped until the water clears. Appropriate steps will be taken to minimise the impact of turbidity be working with the tides in placing sand to the renourished areas.