

Public record pursuant to s. 39 of the *Environmental Protection Act 1986*

Proposal title: Optimised Mardie Project

Proposal location: Approximately 80 km south west of Karratha, Western Australia.

CMS number: CMS 18150

Date referral received: 28-02-2022

Date more information received: not applicable

Referrer: Mardie Minerals Pty Ltd
52574457

Proponent: Mardie Minerals Pty Ltd, ACN

Potential significant effects:

The Proposal is a significant amendment to the Mardie Project (Ministerial Statement 1175). There are potential impacts from the proposal and the cumulative impacts associated with clearing additional Flora and Vegetation; clearing additional Terrestrial Fauna habitat (such as the North quoll, Pilbara Leaf-nosed Bat and Migratory birds); addition of the second seawater intake near the mouth of Mardie Creek, increase in discharge of bitterns, relocation of the Salt of Potash plant (light spill) and increased vessel movements (vessel strike) on Marine Fauna; increased direct and indirect impacts to Benthic Communities and Habitats from changes to surface water and ground water regimes (Inland waters) and Social surroundings (Aboriginal heritage).

Preliminary key environmental factors: Benthic communities and habitat, Marine fauna, Flora and vegetation, Terrestrial fauna, Inland waters, Social surroundings.

Public comment on referral information:

Do not assess:	0
Assess: a) Referral information	0
b) Environmental review - no public review	0
c) Public environmental review	4
<i>Total submissions:</i>	4

Decision: s. 38G(1) – Assess

Level of assessment:

Referral Information with additional information required under s. 40(2)(a) of the *Environmental Protection Act 1986* (4 week public review)

Explanation of decision:

The preliminary key environmental factors are complex but the Proposal has been recently assessed and some of the studies are contemporary. Assessment on referral information with additional information mainly related to understanding and mitigation of cumulative impacts is considered appropriate. Assessment will be required to determine whether the proposed mitigation will result in the EPA environmental factors objectives being met.

Appeals: Decision not appealable.



Prof. Matthew Tonts

CHAIR

Delegate of the Environmental Protection Authority

Date: 28 April 2022