

Bechtel Commences PFS Review of Lake Disappointment Potash Project

14 OCTOBER 2020

ASX CODE: RWD

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Advanced-stage sulphate of potash (“SOP”) exploration and development company Reward Minerals Ltd (“Reward” or “the Company”) is pleased to announce that it has appointed the globally-recognised EPCM company Bechtel to complete a review of its 100%-owned Lake Disappointment Potash Project (“LDPP” or “the Project”). The LDPP hosts Australia’s largest high-grade drainable SOP brine resource with the highest evaporation rate in the sector.

The Project was recently granted environmental approval under the *Environmental Protection and Biodiversity Conservation Act 1999* (Cth) for full production (~400,000 tonnes SOP per annum) which has effect until 31 August 2060 (see ASX release 1 October 2020). WA State environmental approval was also obtained earlier this year (see ASX release 4 June 2020).

Reward completed a detailed, positive PFS for the LDPP just over two years ago (see ASX releases dated 1 May and 13 July 2018). However, as a result of additional work subsequently conducted by the Company and other industry-related technical developments, it believes there is significant value to be unlocked by conducting this study.

The study will consider leading edge renewable energy solutions, processing flow sheet options and the Project’s development schedule as well alternative logistics solutions. The review will be completed early in 2021.

Reward’s CEO Greg Cochran said “We are pleased to appoint Bechtel to conduct this study to review and assess some exciting new options for the Project. We believe that Bechtel’s global expertise in the field and in project delivery will unlock significant benefits which could substantially improve the Project’s returns.”

Greg Cochran
Chief Executive

Authorised for release by the Board of Reward Minerals Ltd

About Reward

Reward is an ASX-listed advanced-stage sulphate of potash exploration and development company. Reward’s flagship project is its 100%-owned Lake Disappointment SOP Project, located east of Newman in north-western Western Australia. The Project hosts Australia’s largest high-grade brine SOP deposit.

Reward completed a detailed, conservative Pre-Feasibility Study which was updated with improved logistics in July 2018. An Indigenous Land Use Agreement is in place with the Martu people, traditional owners of the land upon which Lake Disappointment is situated. Key environmental approvals are in place and development can commence on completion of final feasibility studies, secondary regulatory approvals and achievement of funding.

Lake Disappointment SOP Project

Location



Project Highlights

- 100%-owned, with State and Commonwealth Environmental Approvals in place for full production
- Indigenous Land Use Agreement in place with the Martu People, traditional owners of the land on which Lake Disappointment is located, with transparent commercial terms
- Large, shallow (trenchable), high grade brine resource with grade in excess of 13 kg/m³ K₂SO₄ (see ASX release dated 7 February 2017)
- Australia's highest evaporation rate with low annual rainfall – ideal environment for a brine operation
- Estimated production rate approximately 400 ktpa of high quality, organically certifiable SOP
- Long life operation with low capital intensity per annual tonne of SOP production
- Lowest quartile operating costs forecast with scope for improvement; long-term sustainable margins
- Accessible via existing roads and tracks; detailed surveys completed with estimated road upgrading costs based on competitive tender process
- End-to-end logistics solution in place from site to Port Hedland, the world's most competitive minerals export port
- Project is scalable given size of resource base

Forward Looking Statements

This document may contain certain “forward-looking statements”. When used in this document, the words such as “could”, “plan”, “estimate”, “expect”, “intend”, “may”, “potential”, “should”, and similar expressions are forward-looking statements. Although Reward believes that the expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties, and no assurance can be given that actual results will be consistent with these forward-looking statements.

For a more detailed discussion of such risks and uncertainties, see Reward's other ASX Releases, Presentations and Annual Reports. Readers should not place undue reliance on forward-looking statements. Reward does not undertake any obligation to release publicly any revisions to any forward-looking statement to reflect events or circumstances after the date of this ASX Release, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.