

Wimmera

The Wimmera Pre-Feasibility Study (PFS) recommenced in October 2021 and there has been significant progress on various environmental and technical studies since the last update in May.

This progress includes the ongoing analysis of results from drilling and ecological survey fieldwork programs completed during the summer 2021/2022 period. Modelling, impact assessment and reporting for surface water and groundwater is now well advanced. The current climate has resulted in surface water ponding in a number of wetlands and swamps for the first time since 2018/2019, which will enable Iluka to undertake additional aquatic and spring flora surveys during quarter 4, 2022.

A number of studies are nearing completion, including a logistics study that will identify preferred transport methods and routes to be considered within the traffic and transport impact assessment, in addition to a detailed assessment of the dredge ore mining and pit backfilling approach. Engineering design has progressed to provide the basis for detailed estimates of project capital and operating costs.

New studies that have commenced include the economic contribution assessment, human health risk assessment, and development of the Mine Work Plan.

The conclusion of the PFS is expected to be slightly delayed and is currently on track to conclude in early 2023. The PFS report will inform the decision by the Iluka Board on whether to progress into a 12-month Definitive Feasibility Study (DFS).

In May, the Project team delivered a presentation at the Austmine Mining Equipment, Technology and Services (METS) sector event in Horsham to provide local industries with information on how to access the ever-growing mining and METS supply chain, not just locally, but in a global context.



Aquatic surveys being conducted in Darragan Swamp, Victoria as part of the Project.



Red Gum Swamp, Victoria

Balranald

Across the past six months, the Balranald mining trial site has remained in care and maintenance stage, with a number of key activities completed.

This includes the collection of Indigenous artifacts from the landscape to ensure they are preserved during construction and operations. The artifacts which will then be returned to the land once mining is complete. A series of Indigenous heritage sub-surface investigations including geomorphology studies were also conducted.

In May, a modification application (MOD1) to Iluka's approved Development Consent (SSD-5285) was submitted to the Department of Planning and Environment. The proposed modification will allow Iluka to continue the underground mining trial and construct processing infrastructure.

Flora and fauna surveys have been conducted to identify any threatened species and inform management requirements during future construction works and ongoing operations. Other environmental impact assessments carried out include noise, air quality, traffic, surface water, groundwater, subsidence, biodiversity and cultural heritage.

Iluka continues to engage with Traditional Owners and the local community to keep them updated with the latest project developments. In October, Iluka was the major sponsor of Balranald's Five Rivers Outback Festival, where we had a display setup in the main street to provide local stakeholders and visitors with project information.



A Cultural Heritage Survey being carried out at Balranald.



Iluka's display at Balranald's Five Rivers Outback Festival, October 2022.

Euston

Following the completion and review of Euston's Stage I PFS, last month the Iluka Board has decided to progress the project to a PFS Stage II, which will run into early 2024. Works in the Stage II PFS will include progressing Environmental Approvals, accompanying environmental studies to support an Environmental Impact Statement submission, technical studies relating to hydrogeology and geotechnical assessment, mine planning and engineering design.

Approvals required for an extensive drilling program have commenced, with works likely to start early 2023. Further drilling is necessary to increase Iluka's understanding of the mineral sands resource located in the various deposits in the Euston area.

In late 2022, a scoping report will be submitted to the NSW Department of Planning and Environment (DPE), requesting the Secretary's Environmental Assessment Requirements (SEARs)

The SEARs will outline the conditions for the development of the project's Environmental Impact Statement (EIS).

A spring ecological survey is underway to assess the biodiversity of the area, including the identification of any threatened flora and fauna species and habitat which are listed in the Commonwealth's *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), and the *NSW Biodiversity Conservation Act 2016* (BC Act).

Engagement with Registered Aboriginal Parties (RAPs) has commenced for the Aboriginal Cultural Heritage Assessment, and will continue throughout all stages of the project.

Ouyen

There has been an array of activity at the Ouyen Accommodation Camp, with all buildings relocated to our Balranald project and the site rehabilitated. All removal and demolition works were completed in May, followed by earthworks in June. The site was sown late June and successfully handed back to the landowners early July.



Ouyen camp final rehabilitation works, October 2022

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