

# INFORMATION SHEET

## FIMISTON II TSF EXTENSION

KCGM is seeking approval under the *Environmental Protection Act 1986* for a new Tailings Storage Facility (TSF) adjacent to the existing Fimiston II TSF site called the Fimiston II TSF Extension. This involves constructing a three cell facility neighbouring the current Fimiston II TSF. The TSF will be managed in line with KCGM's current requirements by amendment to Ministerial Statement 782 and other licence conditions.

After detailed technical review, the new facility has been identified as the preferred solution over the original design intent of further increasing the capacity of the existing TSF throughout the life of mine. The construction of the additional TSF will allow for the uninterrupted continuation of KCGM's operations to end of mine life, providing ongoing economic and employment benefits to the City of Kalgoorlie-Boulder.

## ENVIRONMENT AND SOCIAL IMPACT

### Flora and Fauna

Flora, vegetation and fauna baseline assessments have been undertaken.

The area proposed to be cleared is largely regrowth native vegetation, with two species of interest identified within the project area (*Eremophila Praecox* and *Conothele 'kalgoorlie'*). However, these species have also been identified outside the project area and there will be no significant biodiversity impacts associated with the clearing of the required footprint.

Groundwater surrounding the facilities would be managed and monitored to ensure flora remains unaffected by changing groundwater levels as per KCGM's current license requirements and KCGM's approved Fimiston Seepage and Groundwater Management Plan.

### Water

Groundwater monitoring will continue to be undertaken in accordance with KCGM's Prescribed Premises Licence. The monitoring includes both groundwater depth measurement and quality sampling and analysis.

### Social Surrounds

The proposed facility is located on the eastern side of the Fimiston Open Pit, well removed from residential areas and businesses. KCGM will consult widely with stakeholders to understand any concerns about potential impacts or risks.

KCGM is committed to ensuring impacts on residents and businesses are minimal, and are working closely with nearby land owners.



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## Air Quality

Air quality will be maintained through management in line with the existing approved Fimiston Air Quality Management Plan. This management plan is available on the KCGM website: [www.superpit.com.au](http://www.superpit.com.au).

## Tailings Storage Facility Design and Safety

The Fimiston II TSF Extension has been designed to the relevant codes and guidelines including the Department of Mines, Industry Regulation and Safety (DMIRS) Code of Practice and the Australian National Commission on Large Dams Guidelines.

Safety and appropriate management of all KCGM TSF's are inspected by Third Party Geotechnical Engineers, of which information is then provided to the relevant regulatory bodies. Inspections of KCGM's TSF facilities are also undertaken by DMIRS.

## FURTHER INFORMATION

KCGM plans to submit the Fimiston II TSF Extension project for regulatory approvals in September/October 2019 and we welcome your feedback through either the Public Interaction Line on (08) 9022 1100 (open seven days a week 24/7) or via the following email: [crelations@kalgold.com.au](mailto:crelations@kalgold.com.au). For further information regarding KCGM's Water and Tailings management visit [www.superpit.com.au](http://www.superpit.com.au).

