

ROSEBERY MINE COMMUNITY NEWSLETTER

MARCH 2022

GM'S MESSAGE

Another year has well and truly begun and we are busy continuing to progress works on the design and approval of a state-of-the-art new tailings storage facility (TSF), which is needed to store residue material left over from mineral processing.

We still have many assessments to conduct into the proposed TSF location in South Marionoak, and several federal, state, and local government approvals to gain before design and construction can begin at a final location. There will be opportunities for community consultation throughout this process and at this stage we remain in an investigation phase.

I want to thank all the community members that took the time to visit with us at South Marionoak late last year at our open day event, and to inspect for yourselves the proposed site for a TSF which has been previously disturbed by historic logging, an existing vehicle track

and a power corridor. It was great to talk with you, and I encourage you to continue asking questions of us and keeping in touch via our community hotline, email or dropping into our new Community Information Centre.

Last month we advised the Rosebery community of tailings release event near the Rosebery Processing Plant. Although the incident was regrettable, I was pleased to see the MMG site team swiftly went to work notifying the Environment Protection Authority (EPA), starting clean up operations and door knocking on the residents closest to the event on the same day. The issue has been resolved and clean-up is complete.

We have released a series of fact sheets and videos all about the Rosebery Mine and the tailings project which you will find on our website along with other publications, including this newsletter and any public statements we make.



Steve Scott
General Manager

COMMUNITY INFORMATION CENTRE

We are excited to announce the new Community Information Centre is now open and located opposite the BP in Arthur Street, Rosebery. Along with the existing MMG Training Centre, the building now contains a dedicated office for the community. The new Community Liaison Co-ordinator, Cheryl Archer, is based in this office and will be available to answer questions, take feedback as well as provide information on the mine and sponsorship opportunities.

Full details on opening hours and how to contact Cheryl by phone or email are available under Contact Us.



CONTACT US

☎ 1800 ROS MMG (1800 767 664)

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🌐 MMG.COM/HOME/
ROSEBERYFUTURE



COMMUNITY INFORMATION CENTRE
ARTHUR STREET (OPPOSITE BP)
ROSEBERY TAS 7470

OPENING HOURS:

> TUESDAY: 10AM – 2PM

> WEDNESDAY: 2PM – 5.30PM

> THURSDAY: 8AM – 11AM

INTRODUCTION TO BACKFILL

WHEN ORE IS MINED, UNDERGROUND VOIDS ARE CREATED THAT NEED TO BE FILLED TO STABILISE THE MINE AND PROVIDE SAFETY TO WORKERS. THE PROCESS OF FILLING THESE VOIDS IS CALLED BACKFILLING.

The Rosebery Mine currently uses waste rock generated from tunnelling and ore extraction as backfill. This means all the waste rock we generate is deposited back into voids, which means it does not need to be brought to the surface for storing.

Storing waste rock above ground requires careful management to prevent potential acid run-off caused when elements in the rock react with oxygen.

Bringing waste rock to the surface, instead of reusing it beneath the ground to backfill voids, requires a much larger area of disturbance than a tailings storage facility.

WHAT IS PASTE FILL?

Another method for backfilling underground voids is called paste fill.

Paste fill is created by mixing tailings with other materials such as cement to create a consistency similar to wet toothpaste.

A number of factors make paste fill unsuitable and unsafe to use at the Rosebery Mine.

The Rosebery Mine is over 85 years old and historic mine workings where paste could be deposited are above the areas where people are currently working. There are potentially unmapped drill holes connecting these historic voids with newer parts of the mine which, if filled with paste could pose an unacceptable safety risk to our mine workers.

Even if paste could be done safely at Rosebery, it would require a much larger above ground disturbance to accommodate both waste rock storage and residual tailings in a tailings storage facility (TSF) due to insufficient space in underground voids.

2/5 TAILINGS STORAGE FACILITY (TSF) UPDATE

EXTENSIONS AND UPGRADES TO MMG'S EXISTING TAILINGS STORAGE FACILITIES ARE REQUIRED WHILE WORK CONTINUES ON PROGRESSING A NEW TSF TO SECURE THE LONG-TERM FUTURE OF THE MINE.

One such project is increasing the capacity of 2/5 TSF by raising the embankment and changing the management of the facility from storing tailings under water (subaqueous) to storing them in the open air (subaerial) with a consistency similar to mud. The subaerial method has been trialled since late 2020 when construction on the Stage 2 embankment rise began. Community members may have already noticed large sprinklers in use at 2/5. This has been done to ensure dust is not created during lower rainfall seasons.



CALENDAR OF ACTIVITIES:

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|  | 7 MARCH - 29 APRIL
ROUND 1 MMG SPONSORSHIP PROGRAM |  | MARCH
CLEAN UP AUSTRALIA DAY ACTIVITIES
(ROSEBERY) |
|  | 8 MARCH
INTERNATIONAL WOMEN'S DAY | | |