



BROKEN HILL OPERATIONS PTY LTD

130 Eyre Street, Broken Hill NSW 2880

Telephone: 8088 9111 Hot Line: 8088 1211

RASP MINE

Extension to Stores Warehouse and Installation of Cement Silo July 2018

Dear Resident/Occupier

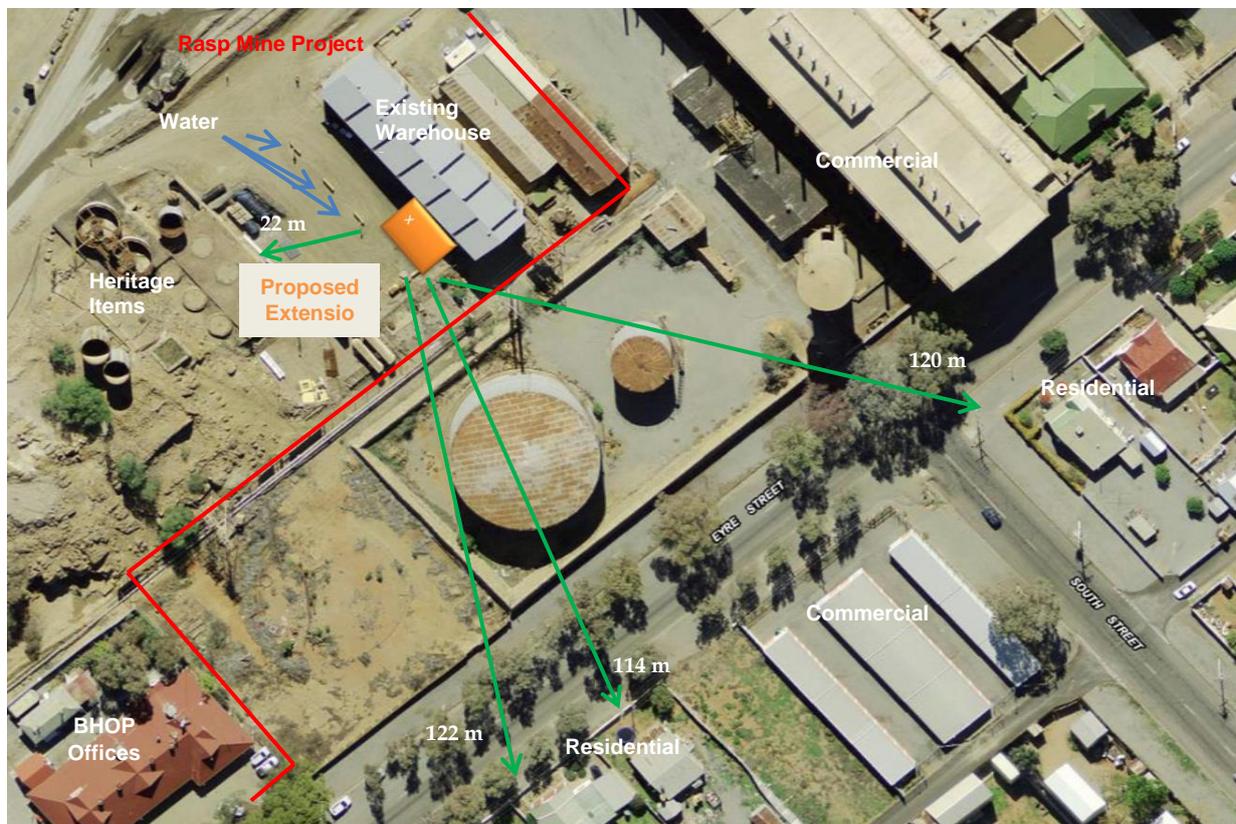
The Rasp Mine is making an application to the Department of Planning and Environment to extend the current Stores Warehouse and to install a Cement Silo at the Backfill Plant. As part of this application we are seeking feedback on these proposed changes.

No heritage items will be affected and no vegetation will be removed.

The following provides a summary of their construction and operation.

Stores Warehouse Extension

The Stores Warehouse is located near Eyre Street, separated from the Street by large water tanks (not owned by BHOP). The proposed extension would be 17 m by 12 m. and 2.5 m in height. Immediately opposite on Eyre Street is the self-storage facility with residences on each side, about 114 m to 120 m from the proposed extension, which will be partially visible from Eyre Street.



To prepare the site the area would be levelled using an excavator and a dozer, to provide a base for footings and a concrete slab.



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The extension structure would be fabricated off-site and be transported to site as a kit to be assembled on the concrete base. The roof and walls would be made from COLORBOND steel with the colour consistent with the current Warehouse.

Site assembly would be undertaken using battery operated rattle and screw guns, an elevated work platform and / or scissor lift and crane would also be utilised.

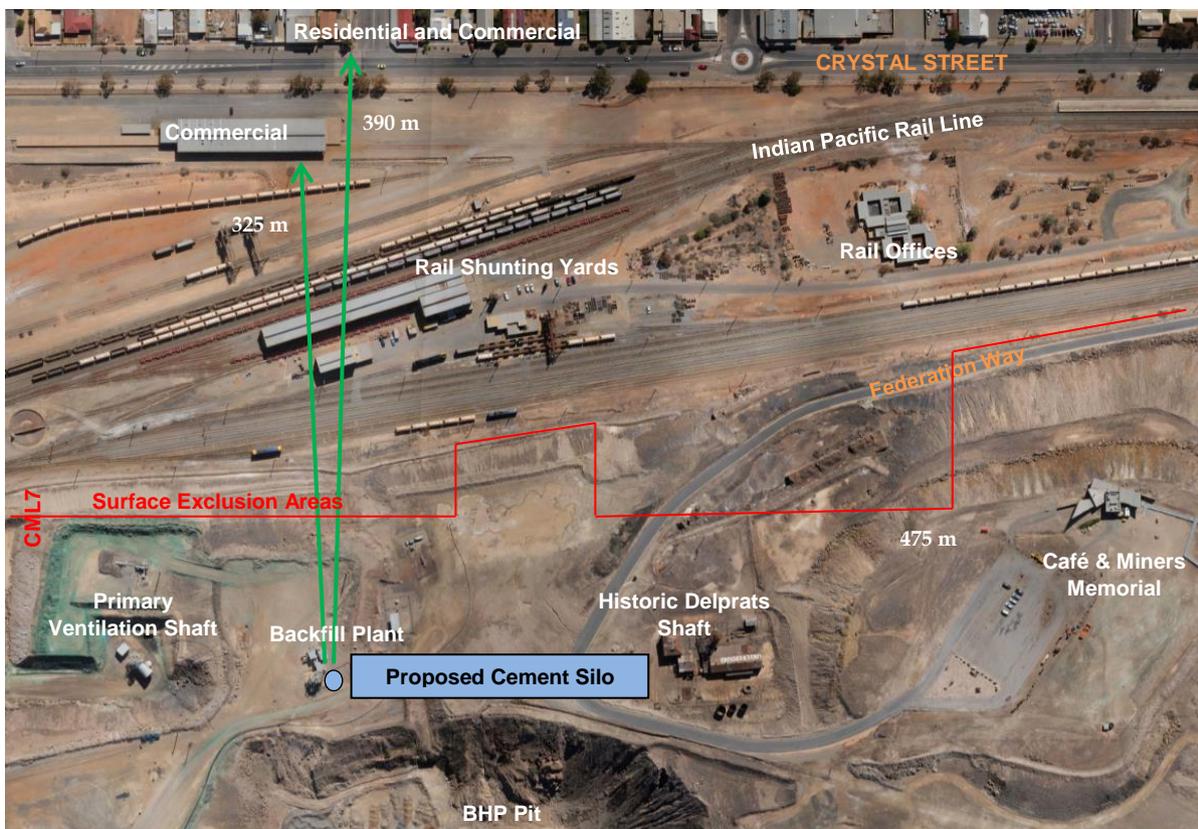
Construction would occur over 4 weeks, between the hours 7 am to 6 pm Mondays to Fridays, 8 am to 1 pm Saturdays with no works on Sundays or public holidays:

- Site preparation - 3 to 4 days
- Installation of concrete slab and footings – 4 to 5 days (includes curing)
- Assembly of building – 18 to 20 days

There would be no change to operation of the Stores Warehouse.

Cement Silo

The proposed cement silo would be located at the Backfill Plant, central and to the north of CML7 and would store cement to be used in the material mix with tailing to fill underground voids. It would be located behind the new noise reduction bund that can clearly be seen from Crystal Street. The rail line and yards would separate the silo from its nearest residential neighbours, located 355 m north along Crystal Street.



The 300 tonne capacity cement silo would be of steel construction, fabricated off-site and placed in position on-site using a crane. It would be 18 m high and 4.6 m wide. The area would be levelled to provide a base for the footings and concrete slab using an excavator and loader. Construction would



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occur over 3 weeks between 7 am to 6 pm Mondays to Fridays, 8 am to 1 pm Saturdays with no works on Sundays or public holidays:

- Site preparation - 3 to 4 days
- Installation of concrete slab and footings – 4 to 5 days (includes curing)
- Assembly of building and infrastructure – 5 days

In operation cement would arrive at the silo in ISO containers predominantly by train and would be transported from the BHOP Rail Load Out, on the mine site adjacent Menindee Road, to the silo on sealed roads. It is anticipated there would be on average 2 to 3 deliveries required per week. Loading of the silo will operate during day shift only. Transfer from the container to the silo and from the silo to the mixing tank would be enclosed.

The proposed cement silo would be visible from some areas of Crystal Street, and the Café and Miners Memorial located on CML7.

What you might see or hear

With all earthworks and construction activities there is the potential for noise and dust from earth moving equipment, however, a number of management measures will be in place to limit any impacts both during construction and operations.

Construction:

- Limiting hours of operation to 7am and 6pm Monday to Friday, 8am to 1pm Saturdays and no construction works on Sundays or Public Holidays
- Current noise reduction bund (6 m)
- Squawker' type reverse alarms on vehicles
- Off-site fabrication
- Areas to be watered down prior to excavation
- Water sprays and water truck to reduce dusting potential
- Use of chemical dust suppressant on traffic areas

Operation:

There will be no change to the operation of the Stores Warehouse.

The cement from the silo will be mixed in tanks at any time during the work day - 24 hours per day 7 days per week, and will operate behind the current 6 m high noise reduction bund. Other measures include:

- Enclosure of motors loading cement into silo and mixing tank
- The cement silo will operate behind the current noise reduction bund (6 m)
- Restriction to loading of silo to between 7 am and 7 pm
- Sealed connections when loading cement between truck & silo and silo & tank
- Dust filter on top of silo to collect dust during air venting
- Chemical dust suppressant used over traffic areas

Visual Aspect:

A small section of the Warehouse extension will be visible from Eyre Street and the cement silo would be visible from Crystal Street however, they would be consistent with other buildings and mining infrastructure in the areas.



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Proposed Warehouse Extension as Seen from Eyre Street (light grey structure between tanks)



Cement Silo as Seen from Crystal Street East and West



If you have any enquiries or issues relating to any aspect of these activities please contact Devon Roberts on 8088 9126 during business hours or the Rasp Mine 24 hour access line – 8088 1211.

Yours sincerely

Rob Williamson
General Manager
Broken Hill Operations Pty Ltd – Rasp Mine