Appin Mine Ventilation and Access Project

SOUTH32
Illawarra Metallurgical Coal

PROJECT UPDATE TWELVE **FEBRUARY 2024**

CONSTRUCTION UPDATE



Work is progressing with construction and installation of the temporary headframes



The VS8 sinking stage was successfully installed

Shaft pre-sinking was completed on ventilation shaft 8 (VS8) in November 2023, which included mobilisation of equipment, drilling and pre-grouting, and shaft collar construction.

Since then, the sinking stage and headframe modules have been lifted into position. The sinking stage is a platform used to work from for the balance of the shaft sinking. Layers of acoustic cladding have been installed onto the headframe and pre-commissioning of the winders has commenced.

Main sink activities on the shaft are due to commence in mid-2024. This will involve routine controlled blasting to the final depth, lining the shaft with concrete, and installing services like power, ventilation, compressed air, and water.

Collar construction on ventilation shaft 7 (VS7) was completed as was the concrete pour for the winder slab. Assembly of the headframe and winder has also begun. Pre-sink activities on the shaft are due to commence in March 2024, which will include drilling and blasting, mucking out material, and installing temporary and permanent ground support. The main sink is due to commence later in the year.

Routine controlled blasting will initially occur between 9am and 5pm from Monday to Friday, and between 9am and 1pm on Saturdays, and a blast notification board detailing the date and time of the next blast is maintained along Menangle Road.

Watering over grassed areas continues, and tree screening activities will start soon including developing a planting scheme and irrigation plan.

Quiet activities, such as office work, fitting electrical supply systems, and shaft preparation services, continue outside of regular hours. The activities are monitored in accordance with our Noise Management Plan and consider other factors like traffic movements and light.

MEET THE TEAM

Introducing Chris McEvoy



Chris is the project's Environmental Approvals Specialist – overseeing its environmental approvals, environmental management, and compliance activities. Chris has more than 20 years' experience in environmental management and impact assessment in the public and private sectors. He holds a Bachelors and Masters in Environmental Science, and a Graduate Diploma in Education.

Introducing Kyle Brown



Kyle is the Health, Safety & Environment (HSE) Officer on the project who looks after reporting and communicating HSE-related data and information to the Project team. He also conducts health and safety inspections along with environmental monitoring. Kyle has a Bachelor in Science and recently gained his drone licence – helping to maintain a pictorial record of the project's progress and planning.

MENANGLE ADVISORY PANEL

The MAP was established to facilitate regular communication between the project and the local community, and comprises nine community members, Illawarra Metallurgical Coal representatives, and an Independent Chairperson. Minutes are posted on our website: https://www.community.south32.net/appin-mine-ventilation-and-access

UPCOMING ACTIVITIES

- ✓ Construction of shaft collars
- ✓ VS8 pre-sink mechanical excavation and controlled blasting
- ✓ VS8 installation of sinking stage (work platform)
- Construction of temporary headframe
- VS7 pre-sink mechanical excavation and controlled blasting
- VS8 main sink mechanical excavation and controlled blasting

PROJECT UPDATE

Our Principal Contractor (RUC Mining) is well advanced in the next phase of the project, including:

- Headframe and sinking stage assembly for VS7
- Pre-commissioning of winders for VS8
- Pre-sink on VS7 (March 2024)
- Main sink on VS8 (June 2024)

A video illustrating planned shaft sinking activities and controlled blasting has been produced and is available to view on our website along with other videos: https://www.community.south32.net/appin-mine-ventilation-and-access

Approval was received for our Construction Environment Management Plan (CEMP) relating to these works in early 2023. The CEMP was developed in consultation with the EPA, Wollondilly Shire Council and Transport for NSW. It provides specific environmental management and monitoring measures for remaining construction works, including minimising noise, dust, and visual impacts. The Blast Management Plan is included in the CEMP and can be found on our website.



SPEND LOCAL, EMPLOY LOCAL

We're proud to be a part of the community, working together on big projects, lending a hand when needed, and supporting local business.

The work undertaken on site to date has been primarily undertaken using local business and local workforce, including: Ballyhooly Civil (Silverdale); South Coast Welders (Wollongong); Nepean Engineering & Innovation (Narellan); ARA Electrical (Unanderra); Hanson Australia (Campbelltown); Motion Group (Narellan); and The Shed Company Illawarra (Oak Flats).

PROJECT DETAILS

An integral requirement of underground mining is adequate ventilation and mine access, to ensure a safe and efficient working environment for our people. This project will construct mine ventilation and access facilities at 345 Menangle Road, Menangle. This project is essential for the continuation of Appin Mine and our workforce of 1,800 employees. The mine access infrastructure will support access to the mine for some of our workforce and supplies. No coal handling infrastructure is proposed.

Scan the QR code for further details on the Project, view our CEMP, and view our construction activity sequence video.

CONTACT US

You can also follow us on Facebook to stay connected with our operations and community activities. Scan the QR code or go to Facebook and search: South32 Illawarra Metallurgical Coal

If you would like to speak with us about our activities, call our free Community Call Line 1800 102 210 or email illawarracommunity@south32.net