# MEETING MINUTES

**MENANGLE ADVISORY PANEL**

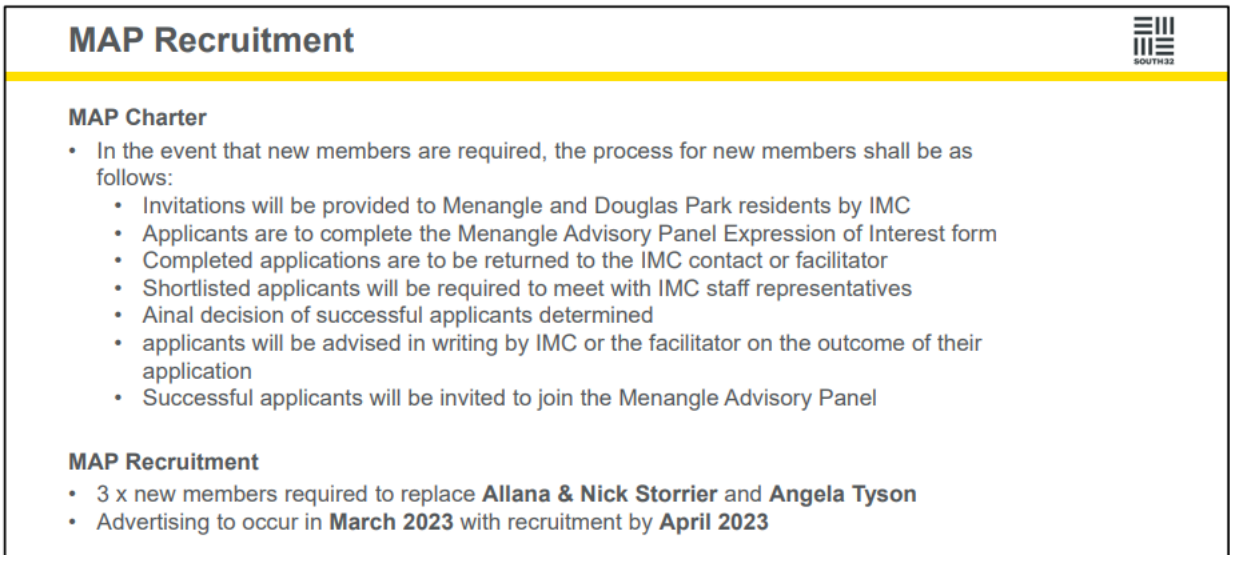
MEETING: # 12

LOCATION: Menangle RFS

DATE: 21ST February, 2023

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| ATTENDEES: | Community Representatives | Jim Arentz | (JA) |
| | | Michele Arentz | (MA) |
| | | John Potter | (JP) |
| | | Michael Reardon-Small | (MRS) |
| | | Martin Scott | (MS) |
| | Illawarra Metallurgical Coal (IMC) Representatives | Antony Leone | (AL) |
| | | Lachlan Cunningham | (LC) |
| | Independent Chair | Kate Kernaghan | (KK – Factotum Communications) |
| APOLOGIES: | | Nil | |

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| | ***PURPOSE*** |
| | The Menangle Advisory Panel (MAP) provides a forum to enable regular two-way communication between representatives of Menangle and Douglas Park residents and Illawarra Metallurgical Coal (IMC) about the Company's proposed ventilation and mine access project at 345 Menangle Road.<br>The MAP provides a practical and helpful connection to residents for IMC through the members who have self-nominated to be on the Panel and voluntarily give their time. |
| | ***AGENDA*** |
| | 1. Welcome, apologies and declaration of interest<br>2. Acceptance of minutes<br>3. Previous actions<br>4. Advertising for new MAP members<br>5. Early Works<br>6. Primary Works<br>7. Community<br>8. General Business |
| ***1*** | ***WELCOME / APOLOGIES / DECLARATIONS OF INTEREST*** |
| | **KK** opened the meeting at 6:05 pm<br>Traditional Owners acknowledged and respects paid to Elders past, present and emerging.<br>Lachlan Cunningham (South32 Construction Manager) introduced. He has 40yrs experience as a mining engineer including extensive shaft sinking experience in Australia and overseas.<br>No declarations of interest offered. Note: Independent Chair KK is remunerated by IMC. |

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| **2** | ***ACCEPTANCE OF PREVIOUS MINUTES*** |
| | MAP #11 meeting minutes accepted without change |
| **3** | ***ACTIONS FROM LAST MEETING*** |
| | A standing agenda item to have mining progress map shared.<br>**AL:** UG progress is given to the Appin Mine CCC and is publicly available on our Community Portal site: https://community.s32illawarra.com.au/<br>Relinquishing of mining title in 2 locations was discussed (one being under Menangle township).<br>**JP:** Will South32 mine underneath the retirement village?<br>**MA:** Will South32 mine to the east of the fault line near the ventilation site?<br>**AL:** Although within the licensed area, neither area is part of the current mining plans<br>**MS:** Will the 2000+ workers access the mine from the Menangle site once the shaft is built and operational?<br>**LC:** No. Much of the coal face operations has become increasingly automated and the coal is sent on conveyor belts back to the main site. The majority of the 2000+ workers per 24hr shift will remain at the existing site handling the coal and carrying out inspections there. Expected crew numbers for the AMVA site is detailed in the Modification Report ( Appin Mine Ventilation fact sheets (south32.net))<br>**ACTION: AL** Will drop hard copies of maps in the mailboxes of MRS and JA.<br>***Note:*** Though helpful to know where to find digital maps, the preference of MAP members is for hard copies to be provided at MAP meetings. |
| **4** | ***ADVERTISING FOR NEW MAP MEMBERS*** |
| | <br>**KK:** A reminder to refer to the Terms of Reference for appropriate process to invite a guest. |

**Meeting attendees**

The Menangle Advisory Panel is a forum open only to its members. Members may like to invite guests from time to time or hold an open meeting to discuss a specific topic or issue.

This is welcomed as long as the facilitator and other members are advised prior to the meeting, event or site visit, and provided all are in agreement. Approval for guests to attend must be done at least one week prior to the meeting. If required, guests may be asked to leave the meeting during sensitive discussions by the facilitator.

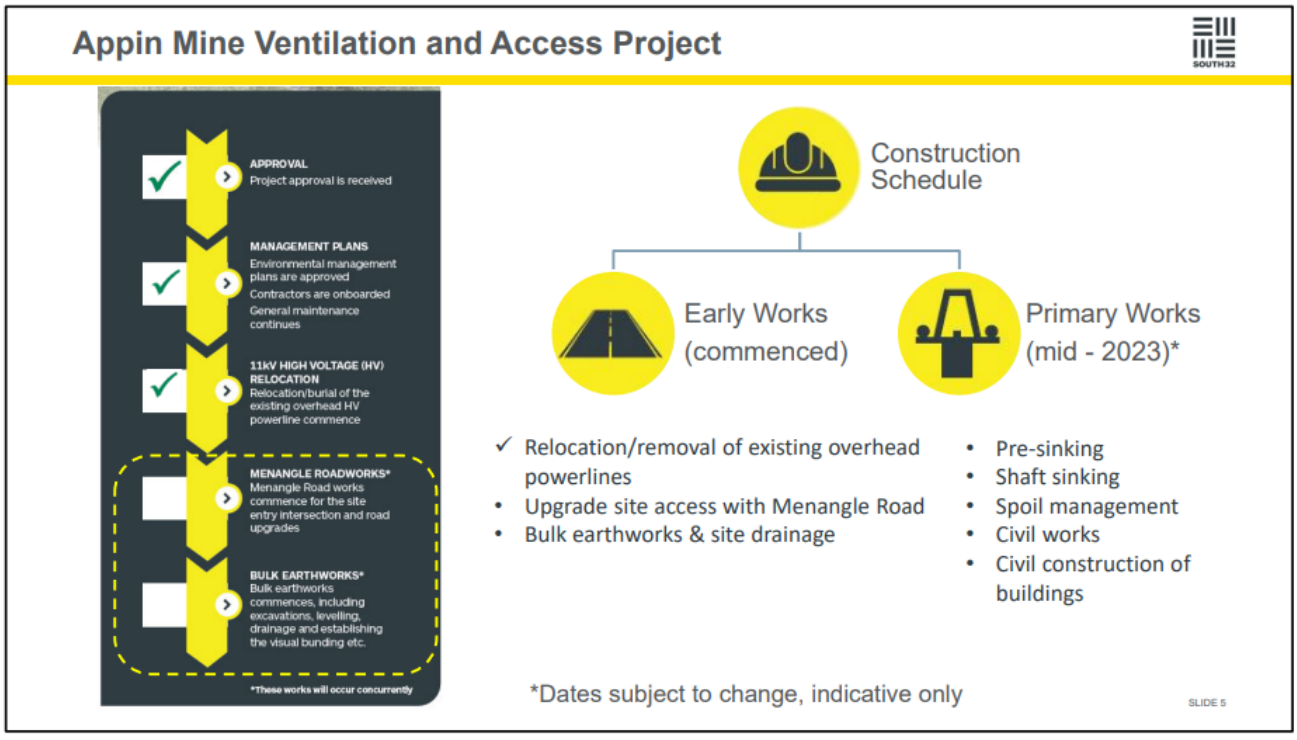
Advertisements will begin in March 23 to seek 3 – 5 new members, via letter box drop and community updates. MAP members are encouraged to share these advertisements with potential members.

**JP / MRS:** Suggest people need a firmer understanding of what the project is as the basis to inform their decision to apply to join MAP. Suggests reinstatement of the billboard could be effective.

**ACTION: AL** Will look into the appropriate location and time to reinstate a billboard, likely after roadworks due to it being in active construction zone for the time being.

**ALL:** Discussion around whether the MAP are comfortable with the TOR inviting membership from Douglas Park as well as Menangle and Menangle Park. After some debate, majority of MAP prefer to leave the TOR unchanged and allow the vetting process determine the appropriateness of applicants.

## 5 *EARLY WORKS UPDATE*

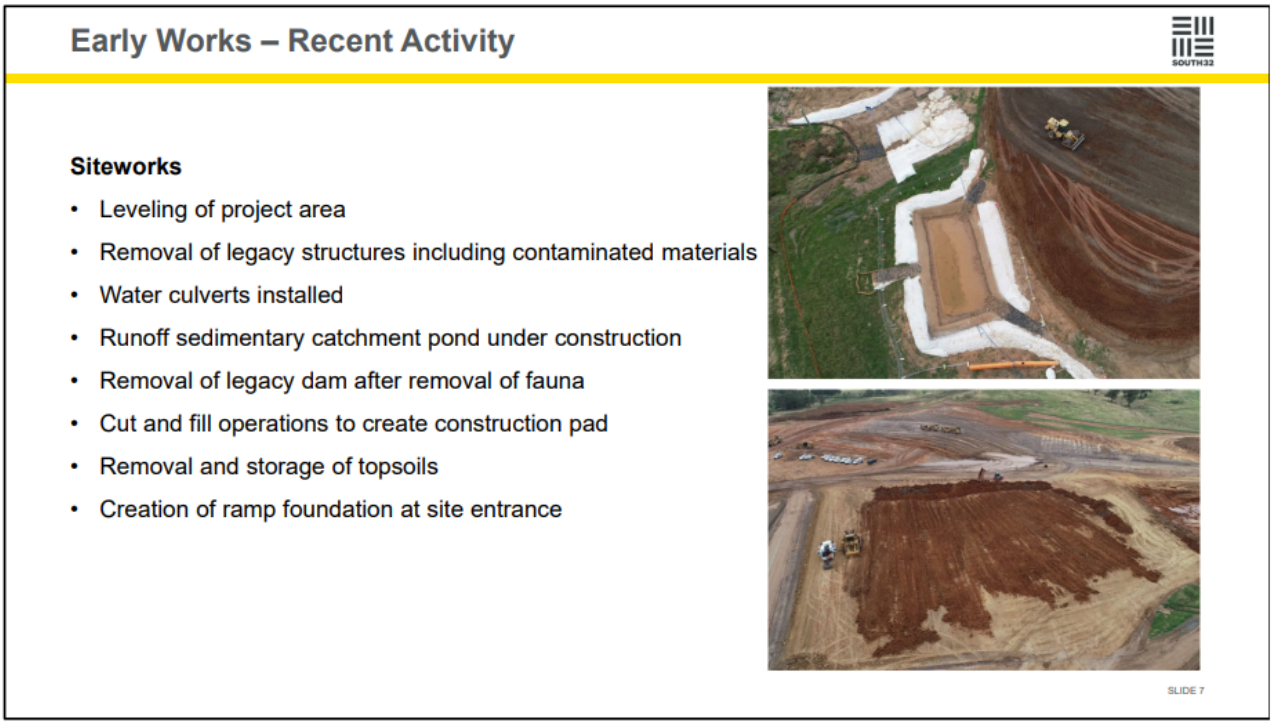



**AL:** The project is moving from Early Works into Primary Works. MAP will find the project team stick fairly rigidly to those terms to reflect the terminology in the planning approvals and avoid confusion.



Sth32 consulted with local indigenous representatives to hold a Welcome to Country and Smoking Ceremony Before construction started. The workforce was keenly involved during this important milestone for the Project.

**LC:** Provided an update on siteworks (earthmoving / site preparation) presented:




**LC:** Confirmed safe removal of old junk, buried asbestos waste and potentially carcinogenic coal tar road base on site (taken to hazardous waste disposal facility).
Some eels have been rehomed to the Vent Shaft 6 site.
Topsoil is quite rich and has been reserved for use in site bunding.
Shaft sinking contractor will commence in late march and requires a flat base of compacted gravel.
**JP:** Concerns over the capacity of a single sediment pond.
**LC:** Any clean water (ie coming down the hill from the paddock above) is diverted around the site and doesn't contribute to the sediment pond volume. The sediment pond is built to contain run-off for a 1in10 event. No water is released until it can meet a quality standard. The sediment pond is built with a ramp to allow for maintenance such as dredging when its in an evaporated period.

**ACTION: AL** Will send the details of the sediment pond size and capacity.

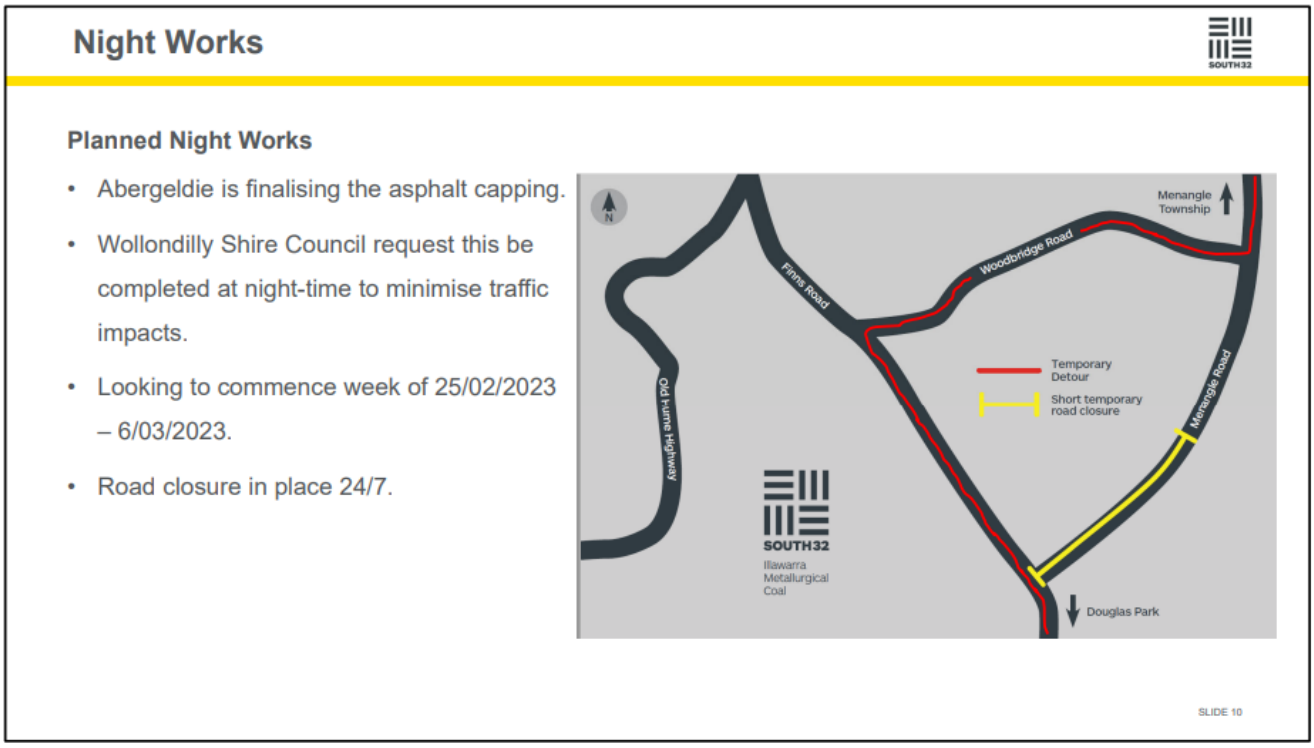
**Extension of Menangle Road upgrade**

**AL:** Roadworks are expected to be complete by mid March
**MS:** Concerns over at least four soft spots and the standard of the road.
**MA:** Who will have ownership and ongoing responsibility.
**LC:** Wollondilly Shire Council and Transport for NSW were consulted during the development application process and their feedback and suggestions were integrated into the road design.

Road layers are not currently finished. Council will take ownership of the road upon completion. Council are invited to inspect the road at every layer and undertake roll and compression tests. If they find any section is substandard, the contractor is to dig it up and re-do. To conform to TfNSW standards, finished road will be twice as thick as the standard in the remainder of the existing road alignment in the area.

Recent activities for to road upgrade project include:
• Removal of the general dry fill base materials on the northbound lane and replaced with engineered fill materials and compacted to the latest design specifications ready for placement of asphalt.
• Re-batter the road embankment and stabilise with geofabric and stabilising materials in preparation for hydroseeding.
• Installation of safety barriers

**LC:** Night work will be required to close out the road work and final council inspections.




**Monitoring update**

**AL:** Weekly inspections are undertaken by South32 and Contractor to ensure CEMP compliance.
Live monitoring to confirm work is in accordance with expected level of impact (noise and air).
Water monitoring underway in line with EPL requirements.
Aquatic ecologists engaged to relocate 12 eels found during dam dewatering.

**Exceedences:**

**AL:** When an exceedance is noted, IMC review the site data imagery recording taken at monitoring locations, site logs and local/regional air quality data to determine the potential cause of exceedance, suitability of existing controls and any opportunities to improve air quality management.

In the event of a complaint, IMC review real time data, site information and local and regional air quality data to determine the cause. If it is determined that construction activities may be contributing to the exceedance, IMC will undertake attended or targeted monitoring to confirm ongoing performance of the activity.

**AL**: Shared the noise management levels table outlining the different levels that apply at each time of day and how to apply it. The evening criteria are more stringent.

**ACTION: AL** to share the December to Feb noise data.

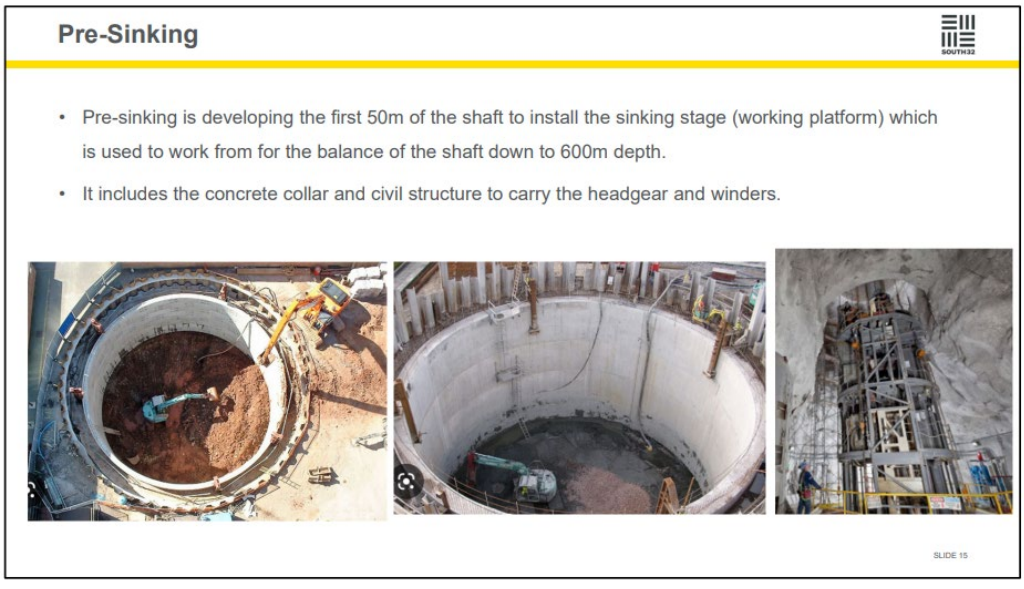
**JP:** There are no stacks on the shaft. Concerns over air quality
**ACTION**: **AL** to print out Air Quality specifications and supply to JP.

**MS:** The averaging approach at 15min intervals doesn't change the impacts of dust on my roof. Concerns over affect on drinking water supply.
**AL:** These are the specifications of the approval conditions we are to comply with.
**LC:** The site will be capped shortly in readiness for mobilisation of shaft sinking contractors, reducing exposure during storm conditions such as the recent one.
The contractor will use a binding agent in the last site watering of the day to form a crust and reduce risk of dust being carried off site when site in unattended.

| 6 | ***PRIMARY WORKS UPDATE*** |
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**Pre-Sinking**

**LC:** The Shaft sinking contractors will mobilise on the prepared site by end of March. They will set up their equipment for the pre-sink and main sinking operations.
The first 30-35m of sinking is expected to be shale, then Hawkesbury sandstone.
**MA:** Concerns over drilling through the aquifer
**LC:** A natural grout mixture will be injected under low pressure during sinking to divert water from ingress into the shaft and protect the aquifers. Similar to water bore construction.
Any waste from excavation will be loaded out during the day shift only to minimise night impacts.
Trucks receiving waste will have a poly liner in the tray to reduce the noise of rock into the metal tray.



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| 7 | ***COMMUNITY UPDATE*** |

**Complaints received**

**January:**

- 2 complaints for traffic: 1 for trucks speeding along Menangle Road, 1 for use of Finns Rd for u-turns and parking.

**February:**

- 4 complaints: For traffic (Finns Rd), For noise (reversing alarm), For Dust (storm event)

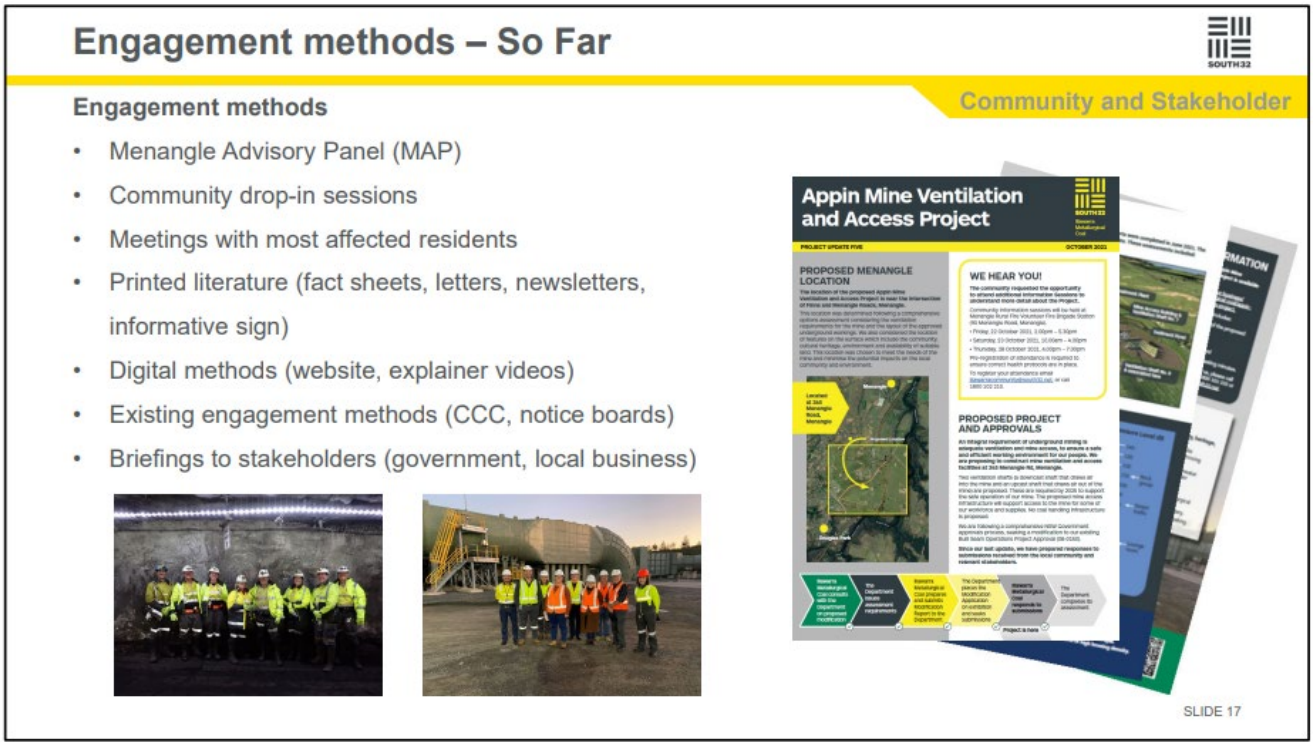
**Engagement Update**

**AL:** Provided an overview of engagement activities to date during planning and approvals phase.

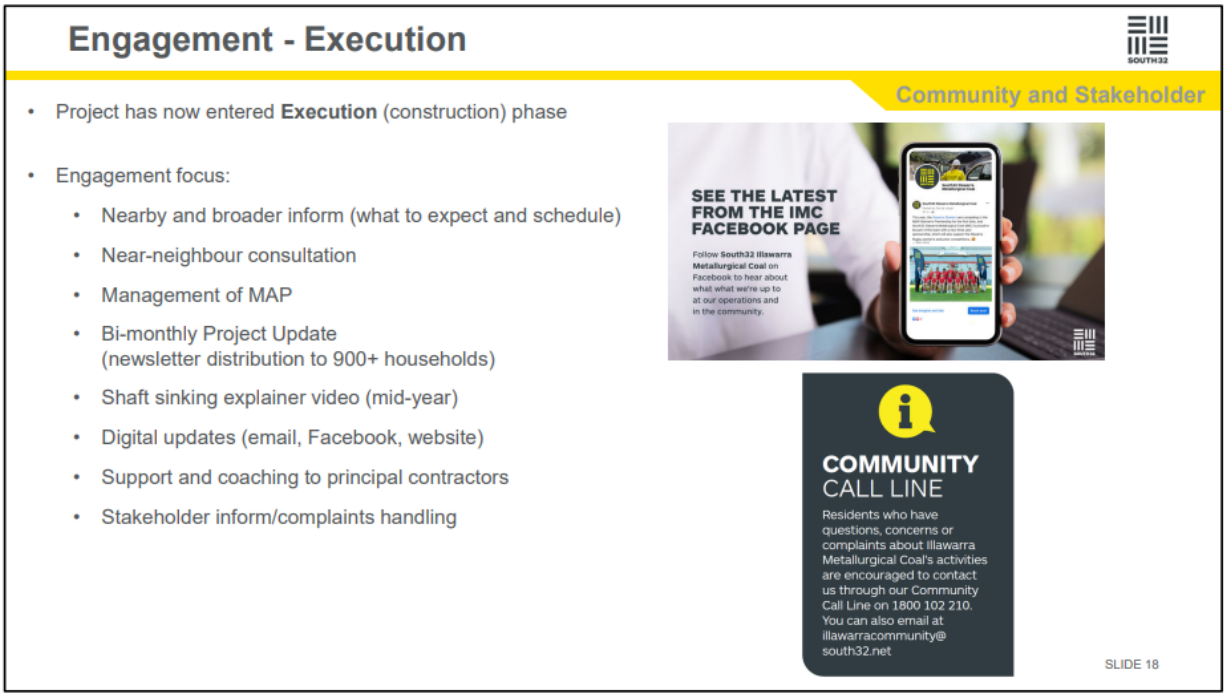
**AL:** Please encourage anyone in your networks to use the community hotline to raise concerns. This is the quickest and most effective way to have matters resolved and recorded.

Face to face engagement continuing with affected residents.

Please join/encourage community to join the IMC Facebook Page to stay abreast of IMC updates.




**AL:** The Project has now entered the Execution phase. The following engagement activities are planned, noting the preference for hard copy materials in the Menangle area:




**Community Investment Update**

**Koala Conservation education project**

South32 has partnered with Symbio Wildlife park to deliver koala conservation drone research on the Koala population in the Macarthur area.
Together the partnership has developed a world-first Australian Wildlife app that will be introduced to the local Macarthur schools to educate the children on our wildlife and help them become wildlife warriors. Macarthur has the only known chlamydia-free koala population. Symbio's research in Macarthur will help future generations understand the importance of our native wildlife so that it can leave a lasting legacy for future generations.

**South West Sydney Academy of sport** will be holding a come and try day at Douglas Park in April. Once we know more about this event we will reach out via our Facebook page to help promote the event.

**South32's Indigenous grants program** has kicked off to a great start, applications are still open. MAP members are invited to keep in mind if you hear about any ideas around the community regarding NAIDOC week suggest applying for a S32 grant

| 8 | ***GENERAL BUSINESS*** |
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**Staff movements**

**AL:** Simon McVeigh has moved onto another project. The new Environmental Supervisor will be introduced in due course.

Amanda Silarski is going on Maternity leave. AL will act in her role for the coming 12months.

Rod Mapstone will backfill Antony and be the contact for MAP and the project for the next 12 months.

Thanks to Lachlan for attending and sharing his insights with MAP members.

**Next Meeting**

Tuesday 9th May. Agenda and confirmation to follow closer to the date.

**Close of Meeting**

7:45pm

**Actions Summary**

**ACTION: AL** Will drop hard copies of maps in the mailboxes of MRS and JA.

***Note:*** Though helpful to know where to find digital maps, the preference of MAP members is for hard copies to be provided at MAP meetings.

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