MEETING MINUTES

MENANGLE ADVISORY PANEL

MEETING: #13

LOCATION: Menangle RFS

DATE: 9 May 2023, 6.15pm

ATTENDEES:	Community Representatives	Jim Arentz (JA) Michele Arentz (MA) John Potter (JP) Andrew Cameron (AC) Robert Dunstan (RD) Christine Halfpenny (CH) Shane Morgan (SM) Annette Morgan (AM) Michael McGrath (MM)
	Illawarra Metallurgical Coal (IMC) Representatives	Rod Mapstone (RM) Lachlan Cunningham (LC) Chris McEvoy (CM)
	Independent Chair	Kate Kernaghan (KK – Factotum Communications)
APOLOGIES:		Michael Reardon-Small (MRS) Martin Scott (MS)

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.

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

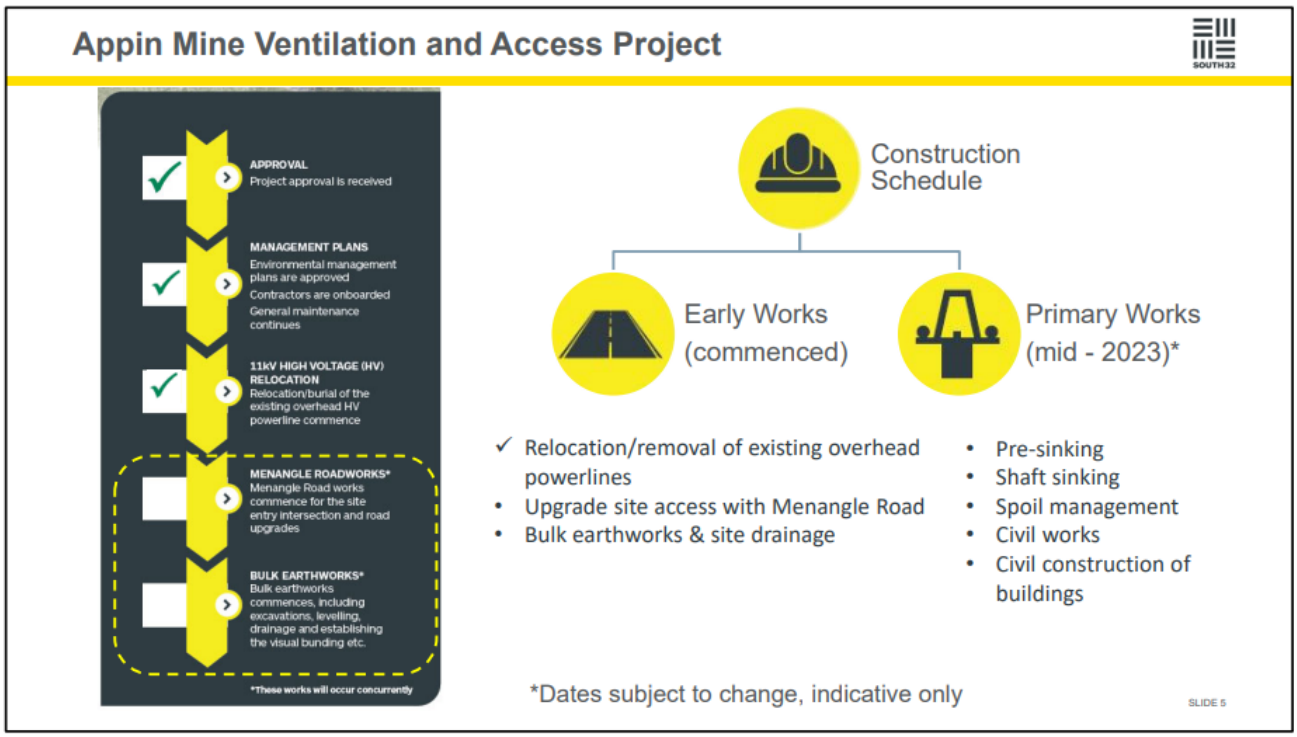
1. Welcome, apologies and declaration of interest, Welcome to new members.
2. Acceptance of minutes
3. Terms of Reference
4. Previous actions
5. IMC Update
6. Early Works
7. Primary Works
8. Community Update, including complaints
9. General Business

1	***WELCOME / APOLOGIES / DECLARATIONS OF INTEREST***
	KK opened the meeting at 6:15 pm Traditional Owners acknowledged and respects paid to Elders past, present and emerging. **KK** introduced new MAP members: • Andrew Cameron • Robert Dunstan • Christine Halfpenny • Shane and Annette Morgan • Michael McGrath **ALL** - Introductions made for all present. No declarations of interest offered. Note: Independent Chair KK is remunerated by IMC.
2	***ACCEPTANCE OF PREVIOUS MINUTES***
	MAP #12 meeting minutes accepted without change
3	***TERMS OF REFERENCE***
	KK – After vetting applicants who applied to join the MAP as members, there were six suitable candidates who present a great opportunity to further diversify MAP membership and in turn continue to provide a broad range of perspectives on the AMVA Project and the matters put to MAP. If all applicants were accepted, it would give MAP a combined total of 11 MAP members (existing and new members). However, our Terms of Reference calls for a membership of between eight to 10 members. Existing MAP members were canvassed prior to MAP #13 to seek comfort with amending the Terms of Reference to permit a maximum of 11 members. There was unanimous agreement. The updated relevant wording in the Terms of Reference now reads: ***Menangle Advisory Panel*** *Where sufficient expressions of interest are received, the Menangle Advisory Panel is to have a membership of up to 11 community representatives.* An updated copy of the Terms of Reference is provided with the MAP #13 Minutes.
4	***ACTIONS FROM LAST MEETING***
	Drop hard copies of maps in the mailboxes of MRS and JA (AL) • Action open – (AL) Investigate reinstating billboard at appropriate – likely after roadworks due to it being in active construction zone for the time being (AL) • Action open - the Project team are checking on the safest position for a new sign that doesn't cause traffic to slow unexpectedly along Menangle Road. Send the details of the sediment pond size and capacity (AL) • Completed

Share the December to February noise data (AL)
• Covered in presentation – completed

Print out air quality specifications for JP (AL)
• Completed

5 IMC UPDATES



6 EARLY WORKS UPDATE

Siteworks - LC





• Removal of fly-tipped asbestos from previously built houses. Firebreaks and easements commenced.

• Run-off sedimentary catchment pond under construction

• VS8 area cleared to create construction pad – now in place ready for shaft sinking

• Redistribution of topsoil and application of hydro-mulching and seeding

• Bunds being completed ahead of rehabilitation and fencing

• RUC mobilising onsite – pouring slabs and positioning prefabricated huts

• Most earthworks machines leaving site except for one or two pieces of machinery

• Some temporary containers will remain onsite during shaft sinking for amenities and sound mitigation

AM – Are Abergeldie continuing?

LC – Abergeldie are finishing up with their work on the project

SM – Will explosives be stored on-site?

LC – Aside from a low quantity of fertiliser, explosives will be stored offsite and trucked in under permit on a needs basis.

SM – What security arrangements will be in place, noting local police response times are typically considered slow in the area?

LC – A motion activated / remote accessed CCTV camera system will be used to detect site activity.

Roadworks – LC

Menangle Road

• Roadworks were completed to TfNSW standard on 30 March 2023

• Previous road surface was disposed of at hazardous waste disposal facility due to coal tar composition.

• Wollondilly Shire Council have taken over as responsible asset owner for the road to the property boundary.





Water Quality – LC

• Water monitoring procedures underway according to EPL requirements.

Sediment pond

• During a water discharge operation, sediment was observed entering Foot Onslow Creek from the sediment pond.

• The sediment was contained with silt booms and clean-up activities commenced immediately. The area was cleaned and remediated.

• The EPA was notified of the event and an investigation is underway to ensure improvement actions are implemented.

• IMC do not expect any significant impact to the local environment.

SM – Does the sediment pond have (or can it have) floats to provide an alarm function?

LC – Yes – there is one float in operation. The pump system will be automated when the permanent pump station is installed.

SM – Can sediment pond water be re-used onsite?

LC – The sediment pond has two different discharge licence scenarios. One for piped, and one for overspill. While there are some water recycling initiatives (tanks to capture rainwater on amenity blocks etc), the procedures call for the sediment pond to be kept in a drawn down state. It can be used for construction water, dust suppression, or tree watering when available but will mostly be in a drawn down state.

JP – How many workers will be showering onsite per day and where will this water go?

LC – Provision for up to 160 workers across two shifts in any 24-hour period. During construction, sewerage will be trucked offsite for lawful disposal. The operational wastewater approach is yet to be designed, though it won't go into the sediment pond which has a separate function to treat site storm water run-off

AC – Have storm water events been modelled.

LC – The sediment pond is designed for up to a 1:10 year event (213mm in 72 hours).

MA – In dry times, has dust suppression been considered for when sediment becomes airborne?

LC – Once completed, the site will resemble a car park – sealed and landscaped. The sediment pond will capture runoff from the car park, letting sediment settle out before water of an appropriate quality standard can be discharged.

SM – Is the bottom of the pond sealed?

LC – Pond is down to bedrock with a ramp for maintenance. It is not sealed.

Air Quality – CM

Recent air quality monitoring results were discussed.

CM – The project uses three monitors to triangulate inputs. The monitors were replaced in April.

AM – How does the actual data compare with the forecast modelling used during project development?

Action – AM: Annette to draw attention to the specific forecast data she would like to see compared.

Action – CM: Chis to provide a comparison of forecast data and actual data at the next MAP meeting.

Action – CM: Chris to present the Air Quality data as a rolling trend with a longer view, e.g. February to April to be included in the report for May.

Noise – CM

• Predictive noise model used since early December.

• Ability to predict sound levels at receivers using data from onsite SiteHive monitoring system.

• During the most recent period, the Noise Trigger Action Response Plan (TARP) was not activated.

RD – Are there noise monitors at local receivers' properties?

CM – Not yet, though monitoring at receivers will be undertaken for the blast phase of the project. This will likely be targeted attended monitoring.

RM – The project team have been doing another round of noise monitoring to confirm ambient noise level in the vicinity. This information is used in a predictive model and presented to the Project team to inform their work.

7 *PRIMARY WORKS UPDATE*

Pre-Sinking - LC

• Project has now entered execution (construction) phase

• Pre-sinking is developing the first 50m of the shaft to install the sinking stage (working platform) which is used to work from for the balance of the shaft down to 600m depth (about 560m shaft plus a small allowance for a sump under the shaft).

• It includes the concrete collar and civil structure to carry the headgear and winders.

AM – How wide is the shaft?

LC – One will be mined at 8m diameter with a finished diameter of 7m. The other will be mined at 6m diameter with a finished diameter of 5.5m.



MA – When will the blasting start and what are the arrangements in place for that?

LC – First blast is likely towards the end of July and will be used to establish a baseline. IMC will notify well in advance of the first blast, although the expectation is that the blasts won't be heard or felt beyond the property. The blast site will be fully covered and will be timed and remotely detonated. Approval is for one blast per shaft per day shift.

MA – Is there any risk to aquifers?

LC – No. The aquifer is above 75m. For anywhere the project may encounter water tables in the geology, a fine slurry of setting grout is used to seal the earth directly around the shaft to create a seal and direct water around the shaft.

AM – Is there a risk of depressurisation for local bores associated with the project's activities?

LC – No change expected due to the use of the fine setting grout (grout curtain).

Community engagement

• Pre-blasting property inspections – letters sent to landholders within 1km of site.

• Project Update distributed every two months to about 900 households – next edition due in late-May.

• Shaft sinking explainer video in pre-production

• Digital updates (email, Facebook, website)

• Enquiries handling procedure shared with principal contractors

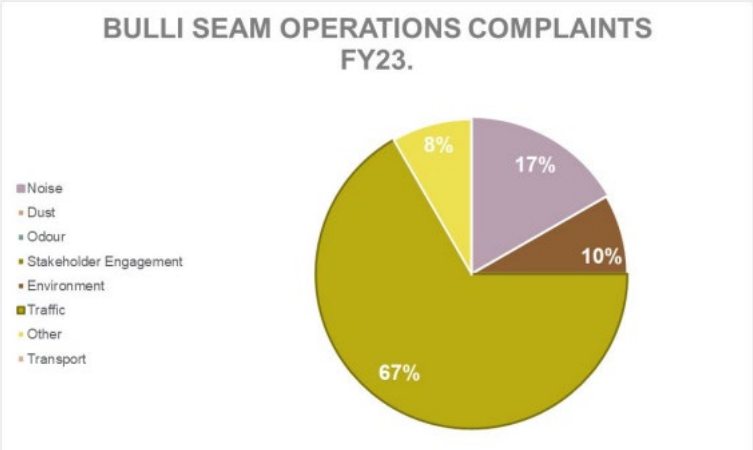
Action – LC: Investigate whether it's appropriate for MAP members to view (outside a safety exclusion zone) the first of the blasts.

JA – Suggested IMC replay a blasting video that was shared during one of the early MAP meetings for the benefit of new members.

Action – RM: Source the blasting video played previously and show it again for the benefit of new members.

8 *COMMUNITY UPDATE*

Complaints – RM



Summary of AMVA related complaints:

• March 2023 x 1 (traffic)

• April 2023 x 1 (noise)

Community investment – RM

IMC Investment

• Symbio Koala Conservation and Education Project -$470,000 over 3 years

Community Partnership Program

• Menangle Fire Brigade - new ride-on mower.

• U Turn the Wheel - launch in May at Wollondilly Anglican College and Picton High School.

Indigenous Grant Program

• Applications remain open for FY23

	• Program supports a range of educational and cultural activities. • Applications are encouraged from groups or businesses in the Illawarra and Macarthur areas.
9	***GENERAL BUSINESS***
	IMC Facebook Page Please follow our Facebook page: *South32 Illawarra Metallurgical Coal* **Next Meeting** Will be timed around commencement of initial blast work – likely to be late-July. To be confirmed via email when firmer program dates are available. **Close of Meeting** 7:50pm **Actions** **Actions remaining open from MAP #12** **Action** – (AL) Drop hard copies of maps in the mailboxes of MRS and JA (AL) **Action** – (LM) Investigate reinstating billboard. (The Project Team are checking on the safest position for a new sign that doesn't cause traffic to slow unexpectedly along Menangle Road.) **New actions arising from MAP #13** **Action – AM:** Annette to draw attention to the specific air quality forecast data she would like to see compared. **Action – CM:** Chis to provide a comparison of forecast air quality data and actual data at the next MAP meeting. **Action – CM:** Chris to present the air quality data as a rolling trend with a longer view. **Action – LC:** Investigate appropriateness for MAP members to view (outside a safety exclusion zone) the first of the blasts. **Action – RM:** Source the blasting video played previously and show it again for the benefit of new members.