MEETING MINUTES

MENANGLE ADVISORY PANEL

MEETING:	# 10	
LOCATION:	Menangle RFS	
DATE:	23 August 2022	
ATTENDEES:	Community Representatives	Allana Storrier (AS) Nick Storrier (NS) Jim Arentz (JA) Martin Scott (MS) Michele Arentz (MA) Angela Tyson (AT) John Potter (JP)
	Illawarra Metallurgical Coal (IMC) Representatives	Simon McVeigh (SM – IMC Principal Approvals) Antony Leone (AL – IMC Corporate Affairs) Scott Fishwick (SF – EMM National Technical Lead)
	Independent Chair	Kate Kernaghan (KK – Factotum Communications)
APOLOGIES:		Michael Reardon-Small (MRS)

	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 / Declaration of interests 2. Acceptance of previous minutes 3. Update since the last meeting 4. Actions from last meeting 5. Early works update 6. Primary works update 7. Air Quality specialist Q and A 8. Community Update 9. General Business / Matters arising 10. Agenda items for next meeting Meeting close
1	***WELCOME / APOLOGIES / DECLARATIONS OF INTEREST***
	KK opened the meeting at 6:06 pm Traditional Owners acknowledged and respects paid to Elders past, present and emerging. No declarations of interest offered. Note: Independent Chair KK is remunerated by IMC.

2	***ACCEPTANCE OF PREVIOUS MINUTES***
	MAP #9 meeting minutes accepted without change
3	***UPDATE SINCE LAST MEETING***
	Appin Mine Underground Tour held on 30 June 2022 Was a unique opportunity and good for the group to experience the change in conditions when near a ventilation shaft (cool fresh air) and when further into the mine away from a ventilation shaft (warm stuffy air). MAP attendees saw tremendous value in the tour in gaining better understanding on the Project requirements. **Community Information Day held on 2 July 2022.** Limited attendance likely due to poor weather. Priorities shifted to assist in local sand bagging **MA** – Suggested South32 run another session – it's not widely understood within community that the project has been approved and is being built. **AL** – Will look to run another session early in the new year once road works are complete, and as Primary works are set to kick off. The billboard is in place on site. Will continue to respond to enquiries directly via phone, email or direct meetings.
4	***ACTIONS FROM LAST MEETING***
	Action: SM to speak to the team about including a commitment in the Traffic Management Plan for Variable Message Signs be placed at quite an early distance to give road users adequate notice We have included this request to the contractor responsible for traffic management and intersection roadworks. **Action: AL approach council (Wollondilly) to request coverage in their newsletters for updates on the planned roadworks so that drivers from further afield can know to avoid the area** Continual update meetings held with Wollondilly Shire Council – they can't commit to include specific Project updates in their specific newsletters (space) but will try to promote via other channels. **Action: AL to consider preparing social tiles and clickable shortcuts that can be shared by MAP members on community sites** • https://community.s32illawarra.com.au/ • We have created a new portal for the community to become better informed and engaged • Includes interactive maps of our mine plans that are easily accessible • Opportunity for feedback and communication • Launching a South32 Illawarra Metallurgical Coal Facebook page in near future **Action: SM to investigate possibility of view only access of SiteHive portal for neighbouring landowners** The monitoring of the SiteHive portal is a South32 tool used to alert the team when noise or dust levels are increasing to near set limits – it is not a compliance tool. When compliance monitoring is undertaken in accordance with the CEMP the data is made publicly available on the South32 website.

5	***EARLY WORKS UPDATE***

Relocation/removal of existing overhead powerlines has commenced. Contractor is ARA electrical.

MS – What is the alignment?

AL – Alignment follows the property outline along the road alignment. [*A video was shown].* Because the final design of the road corridor has shifted to the south, unfortunately many of the trees proactively planted for visual screening were required to be removed. Ecologist advice indicates that the young plantings would have a low survival rate if attempted to be salvaged and replanted. New, more mature plantings will be established once the powerline burial work has been completed.

Bulk earthworks & site drainage is due to commence next month (September).

Upgrade site access (Menangle Road work) due to commence October.

JA – How long will the roadworks take?

AL – Approximately 3months.

6	***PRIMARY WORKS UPDATE***

Primary works (shaft sinking) is due to start in Q1 2023.





Environmental Update

- No compliance issues since commencement.
- Weekly inspections and live monitoring confirmed that work is proceeding, commensurate with expected level of impact.
- Aquatic ecologist engaged to assist with dam dewatering so it can be used for dust suppression during construction.

MS – Please ensure the team don't track mud and debris on truck tyres onto Menangle Road as seen in other local projects.

7	***AIR QUALITY SPECIALIST***

EMM's Scott Fishwick (National Technical Leader) attended to provide a presentation on the project's Air Quality and Greenhouse Gas Assessment.

The presentation covered:

1- Study overview
2- Assessment locations
3- Background analysis
4- Emission calculations
5- Dispersion modelling
6- Independent peer review
7- Specific matters raised (Silica)

Refer the Map#10 presentation deck for a copy of the figures presented.

The outcomes of the air-quality modelling (and independent peer-review commissioned by the Department):

- Project-only concentrations are well below all applicable criteria at all surrounding receptors for both peak construction period and operation of Ventilation Shaft No. 8.
- When background is considered, no exceedance of NSW EPA criteria is predicted.

MAP discussion during the presentation included:

JP – How does gas extraction factor into the baseline?

SF – The background air quality is first established and a modelling comparison is used to predict the influence of ventilated air. The analysis focused on both construction and operations emissions (currently presenting results on construction).

JP – Has an outburst of gas been accounted for?

SM – An outburst would be a significant safety incident for the mine. The mine operation has mitigations in place to safeguard including degassing and monitoring. Also, the area of the mine in the vicinity of the shafts under the Menangle site is a network of small treated sections of coalface. The ability for gas to accumulate in such a cross hatched section of degassed coal is remote.

SF – The model will treat this as a point source with higher exit velocity than the current ventilation fan speed. The higher velocity will only enhance the dispersion potential (i.e. negligible impact).

MS – Modelling shows concentrations of dust over resident's homes. This could accumulate on rooftops and be washed into rainwater tanks.

SF – The EPA sets the tolerable particle concentration limit at 50µg/m^3, the most concentrated area mapped in the presentation is at a level of 2 µg/m^3 (i.e, 4% of the EPA threshold).

MS – Can and will the air quality be monitored?

SF –A particle concentration of 2 µg/m^3 (of an EPA tolerable 50 µg/m^3) is so finite that its unlikely to be detected in monitoring.

SM – The SiteHive portal will help the project team be alerted to any spikes in particulate content within the site. This is the compared with regional air quality and, if required attended monitoring is undertaken.in

AS – What happens in Air Quality limits are exceeded?

SM – We check our SiteHive Portal and check regional background levels for context, then check at monitoring stations and report. The protocols for exceedances are outlined as part of the approval conditions.

MA – Will there be dust suppression during construction?

SM – Yes. Also worth noting is that the Hawkesbury sandstone (containing silica) won't be the top layer of the bunding given the order it is extracted in. It will be under meters of other materials.

8 *COMMUNITY UPDATE*

IMC Community Investment

- FY22 spend Total $1.5M
- $1.47M community investment and sponsorships $332,618 community trusts
- South32 recently donated a further $600k donation to help support flood response and recovery.



Community Partnership Program

- Menangle Community Association - $100k donation as a result following the Project being approved.
- An additional $100k approved via our Community Partnerships Program – totalling $200,000 towards the new community hall.
- Wilton Rural Fire Brigade - $9,980



9	***GENERAL BUSINESS***
	General Business **AS /AT** - Can South32 assist with resurface works to Finns Rd intersection & Foot Onslow Creek? There is a significant pothole that will cause damage to vehicles and / or cause accident. **AL** – South32 has approached Wollondilly Shire Council as it is the landowner. We can make an approach on behalf of MAP. *(Post meeting update: Council have repaired the pothole 24.8.22)* **AL** - A request was made at the last CCC meeting to extend our roadworks along Menangle Road – we are investigating this and will provide an update in due course.
10	***AGENDA ITEMS FOR NEXT MEETING***
	Future Meeting Structure Current agenda format works well – no change required. MAP members to suggest specialist presentation requests as required. **Next meeting** Tuesday 8 November (after roadworks has started). SM to represent IMC (AL will be on leave) AL – there will likely be a Christmas celebration for MAP members in December. Detail to follow. **Meeting close 7:45pm.**