

MEETING MINUTES



SOUTH32 ILLAWARRA METALLURGICAL COAL (IMC) APPIN MINE COMMUNITY CONSULTATIVE COMMITTEE

MEETING: #61

DATE: 21 September 2022

LOCATION: Menangle RFS
90 Menangle Road, Menangle

ATTENDEES: Mike Archer (MA) – Chair
Sam Davis (SD) – Community
Barry Durman (BD) – Community
Peter Chaffer (PC) – Community
Danny Stewart (DS) – Community
Shane Simpson (SS) – Community
Matthew Deeth (MD) – Wollondilly Shire Council – Joined at 5:15pm

Rod Mapstone (RM) – IMC Community
Amanda Silarski (AS) – IMC Community
Chris Schultz (CS) – IMC Environment
Andy Hyslop (AH) – IMC Operations

ABSENT: Michael McGrath (MM) – Community

APOLOGIES: Nil

	PURPOSE
	<p>The purpose of the Community Consultative Committee is to facilitate and maintain two-way communication between South32 Illawarra Metallurgical Coal (IMC), key stakeholders and residents.</p> <p>It is to promote open discussion on the activities of South32 Illawarra Metallurgical Coal's Bulli Seam Operations, including underground mining and surface operations of Appin; environment performance and community relations; and to keep all stakeholders informed on these matters.</p>
	AGENDA
	<ol style="list-style-type: none"> 1. Welcome and Apologies 2. Declaration of Interests 3. Previous Minutes 4. Questions on Notice 5. IMC Update: <ol style="list-style-type: none"> 5.1. Operations 5.2. Environment 5.3. Exploration 5.4. Approvals 5.5. Complaints 5.6. Community 6. General Business
1	WELCOME / APOLOGIES
	<p>MA noted there were no apologies. MM was absent.</p> <p>MA provided the Acknowledgement to Country:</p> <p><i>"Illawarra Metallurgical Coal and the community would like to acknowledge the Traditional Owners of the land on which we meet this evening, the Dharawal People, and pay our respects to Elders past and present and emerging."</i></p>
2	DECLARATION OF INTERESTS
	<p>MA declared he receives payment from South32 Illawarra Metallurgical Coal to fulfil the role of Independent Chair.</p> <p>It is a requirement of the government CCC guidelines that this be noted and stated in the minutes at every meeting.</p> <p>MD noted interest in the Community Partnership Program, in particular its donation to the Menangle Community and Arts Hall should it arise in the community update from IMC.</p>
3	PREVIOUS MINUTES
	Minutes of meeting held on 20 July 2022, endorsed by SD and seconded by BD.
4	QUESTIONS ON NOTICE
	<p>BD requested that recommendations from the old growth tree (OGT) survey be shared with the committee</p> <p>RM confirmed the report was sent to BD on 23 August 2022 and that initial work would focus on additional fencing in target zones.</p> <p>RM outlined the survey recommendations:</p> <ul style="list-style-type: none"> • All tree work must be performed in accordance with Section 2.3 and the AS4373, Pruning of Amenity Trees, 2006 • A follow-up assessment is recommended to be conducted within 1-2 years or after a

	windstorm event unless specified otherwise
	<p>SD/PC requested the airflow rate design capacity at all Ventilation Shafts</p> <p>RM advised VS6 had been steadily operating at 600-650 m³/s and had been design rated and tested to 750 m³/s.</p> <p>SD – questioned the methane emissions from all ventilation shafts. AH advised the amounts vary in range depending on production and confirmed methane emissions are continually monitored. CS noted Scope 1 and 2 Greenhouse Gas (GHG) emissions are reported annually, including methane, but are not broken down into each source.</p> <p>SD – requested data on emissions from all ventilation shafts.</p> <p>Action: CS to provide emissions data from VS1, VS2 and VS6.</p>
5.1	OPERATIONS
	<p>Longwall 709</p> <p>AH advised LW709 commenced February 2022 and has since extracted 1 km. Scheduled to be complete Q3 2023.</p> <p>Longwall 904 and Longwall 905</p> <p>AH advised LW904 was completed in 2022.</p> <p>LW905 is scheduled to start in late-September 2022 with scheduled completion in Q2 2023. Appin Mine is transitioning to a single longwall operation at the completion of LW905.</p> <p>DS requested an A3 map of the mine plan. AS advised the mine plan was available online in an interactive map – available here https://community.s32illawarra.com.au/.</p>
5.2	ENVIRONMENT
	<p>Environmental Water Project</p> <p>CS provided an update on the Long-term Water Treatment Plant:</p> <ul style="list-style-type: none"> • Plant has been partially energised. Delays were experienced due to faults associated with the kiosk. • Dry commissioning expected to be completed in October 2022 and wet commissioning expected to be completed in November 2022. • First water anticipated in December 2022. • Licence variation was approved in July 2022. • Delays caused by wet weather and availability of parts. <p>CS provided an update on the Temporary Water Treatment Plant</p> <ul style="list-style-type: none"> • The volume of permeate discharged to Brennans Creek since commissioning is over 200 megalitres • Membranes were replaced.
	<p>Brennans Creek Dam</p> <p>CS provided an update on Brennans Creek Dam (BCD):</p> <ul style="list-style-type: none"> • Overflow from BCD recommenced on 2 July 2022 and continued until 28 August 2022. • Discharge continues at approximately 3.2 ML/day. • BCD discharge current EC is 1.48 mS/cm, pH 8.5. • Dam level is currently 12.2 metres.
	<p>Georges River Remediation Plan</p> <p>CS provided an update on Georges River:</p> <ul style="list-style-type: none"> • Catchment closures, damage to access roads and contractor availability have

	<p>impacted the progress of the WC21 trial, which is located above Dendrobium.</p> <ul style="list-style-type: none"> • Pending no significant further rainfall and contractors being available, it is anticipated that the WC21 trial may be completed by the end of November 2022. • Property access is still being sought for the Georges River. <p>BD – questioned how long the trial would take at WC21. CS advised it is weather dependent.</p> <p>BD – requested a site visit to WC21.</p> <p>Action: RM to arrange site visit to WC21 once works have been completed.</p>
	<p>Aquatic Health Monitoring</p> <p>CS advised aquatic health monitoring is planned to be undertaken in October/November 2022.</p>
	<p>Management plans</p> <p>CS provided an update on management plans:</p> <ul style="list-style-type: none"> • Environmental Management Strategy – consultation with Wollondilly Shire Council complete. Submitted to DPE for approval. • Air Quality and Greenhouse Gas Management Plan – consultation with EPA complete. Submitted to DPE for approval. • Waste Management Plan – submitted to DPE for approval. • Noise Management Plan – consultation with EPA and Wollondilly Shire Council complete. Submitted to DPE for approval. • Water Management Plan – submitted to DPE for approval. • Traffic Management Plan – consultation with regulatory agencies underway. • Rehabilitation Management Plan – still waiting on approval of rehabilitation objectives by Resources Regulator.
	<p>Annual Environment Review</p> <p>CS advised the Annual Environment Review is in draft and under internal review. It be submitted by the end of September 2022 and placed on the South32 website.</p> <p>Action: CS to share website link to the Annual Environment Review.</p>
	<p>Closure investigations</p> <p>CS advised targeted site investigations are planned for October 2022 at Appin North, Appin East, Appin West, Douglas Park Substation, Ventilation Shafts 2,3 and 6.</p>
	<p>Audits</p> <p>CS provided an update on audits:</p> <ul style="list-style-type: none"> • Triennial Independent Environmental Audit (IEA) planning is underway, with IEA report to be provided by the end of 2022. • Delays due to approval of audit team by Department of Climate Change, Energy, Environment and Water (DCCEEW) and vendor set up. • The CCC will be contacted by ERM as part of the IEA consultation process.
	<p>North Cliff</p> <p>CS advised studies were ongoing and engagement with regulatory agencies was planned in coming months.</p>
	<p>Nepean River gas zones</p> <p>CS advised of 4 active zones on the Area 9 end of river and 1 active zone on the Area 7 end.</p>
	<p>Area 9 piezometers and ground water levels</p> <p>CS presented a map of ground water monitoring locations Appin Area 9. The data of three piezometers was presented on graphs:</p> <p>S2280</p> <ul style="list-style-type: none"> • No significant change or impact in water levels

	<p>S2282</p> <ul style="list-style-type: none"> • Some impact at the 100m piezometer at the Hawkesbury Sandstone level from Longwall 901 and 902, but has recovered over time • SD questioned if water bores were still impacted in this area. CS noted water bores may be affected by different factors outside of the water table. • DS questioned if the strata movement could be measured from the piezometers. CS advised subsidence movement and impacts are publicly reported and available in End of Panel reports on the South32 website – IMC also present the reports to the CCC when they are complete. <p>S2283</p> <ul style="list-style-type: none"> • Showed some influence from subsidence at the 60 m level, however the groundwater has largely recovered.
<p>5.3 EXPLORATION</p>	
	<p>RM provided an update on exploration activities:</p> <ul style="list-style-type: none"> • Currently operating 5 x drill rigs • All located within EL8972 and A248 • Drilling to continue around Menangle, Picton East, Cawdor, and Razorback
<p>5.4 APPROVALS</p>	
	<p>Appin Mine Ventilation & Access (AMVA) Project</p> <p>RM provided an update on the Project, noting the Project update that was issued to the community last week contains the latest information.</p> <p>Early works have commenced and include:</p> <ul style="list-style-type: none"> • Relocation/removal of existing overhead power lines • Upgrade to site access from Menangle Road • Bulk earthworks and site drainage <p>SD – questioned if the Project would be extending the Menangle Road upgrade to Finns Road and the creek. RM advised:</p> <ul style="list-style-type: none"> • The project will deliver improvements to Menangle Road, including resurfacing and widening for a defined length of 440 m. The improvements were proposed in the development application process which is now complete. • 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. • Extending works on Menangle Road beyond the approved development consent of the project has not been contemplated by IMC or Council. <p>SD – expressed disappointment that IMC would not be extending the scope of roadworks along Menangle Road.</p> <p>DS – extending Menangle Road upgrade would be a show of good will.</p> <p>AS – outlined that IMC was contributing to the community in many other ways.</p> <p>PC – questioned if roadworks were occurring on the weekend. RM confirmed works were planned on weekdays only, however Saturday activities may occur under emergency conditions.</p> <p>SD – questioned the length of the road works and if traffic lights would be used to control traffic. RM advised it was about four months, commencing October 2022.</p> <p>MD – questioned if delays associated with La Nina had been considered in the four-month timeframe. RM took this as a Question on Notice.</p> <p>DS – requested a map showing the location of the burial of the existing powerlines.</p>

	<p>Action: RM to obtain copy of Traffic Management Plan supporting the Menangle Road upgrade.</p> <p>Action: Provide a map of the powerline burial location with the meeting minutes.</p> <p>Question on Notice: MD – has La Nina been considered in the road upgrade construction timeframe?</p>
	<p>Dendrobium Mine Extension Project AS provided a brief update on South32's decision not to invest in the Project, noting this is outside the CCC Scope:</p> <ul style="list-style-type: none"> • Work on the Project to date has been extensive, commencing in 2016. Government approvals were being sought and South32 approval for investment was also being considered. • South32 decided not to invest in the Project as the expected returns did not support an investment. • IMC focus is on optimising our operations to extend the Dendrobium Mine life in already approved mining areas. There is no closure date. • There is no immediate change at Dendrobium Mine and activities at Appin Mine will not change.
<p>5.5 COMPLAINTS</p>	
	<p>RM reported on community complaints received since the previous meeting, including presenting a graph of the complaints.</p> <p>A complaint received via the Department of Planning and Environment for the removal of screening trees at the AMVA Project site was investigated. The vegetation needed to be removed due to a change in alignment Menangle Road during the detailed design process. It is planned for the screening trees to be replaced in an appropriate location.</p> <p>3 enquiries were received:</p> <ul style="list-style-type: none"> • 1 regarding the end use purpose of the brick house on land associated with the AMVA Project. • 2 regarding employment opportunities with IMC. <p>PC requested the graph axis label be made larger.</p>
<p>5.6 COMMUNITY INVESTMENT</p>	
	<p>AS provided an update on recent IMC investments.</p> <ul style="list-style-type: none"> • Wollongong 2022 UCI Road Cycling event – Community Partner - \$50,000. Encouraged CCC members to visit the international event. • Douglas Park Little Athletics Club - \$2,000. Supporting the Club for the next 12 months. • Menangle Community and Arts Hall - \$100,000. Assist the community with a refurbishment of the Hall which will offer a place of refuge in emergencies and a space for the community to celebrate and interact. <p>AS provided an update on the Community Partnership Program.</p> <ul style="list-style-type: none"> • Committee met earlier in September with no applications to consider. It discussed the tragic road accident involving 5 young people and are investigating support for the safer driving program at Picton High School and Wollondilly Anglican College. New IMC representative on the Committee – Mira Speer. <p>AS presented the FY22 breakdown of donations from the Community Partnership Program by community and group.</p>
<p>7 GENERAL BUSINESS</p>	
	<p>Spring Farm Parkway RM shared detail on a beneficial re-use project for coal wash.</p> <ul style="list-style-type: none"> • 300,000 tonnes of coal wash from West Cliff Washery will be diverted to Spring Farm Parkway – the Transport for NSW roadway being constructed north of Menangle to connect Menangle and Appin Roads.

	<ul style="list-style-type: none"> • Up to 121 truckloads per day at maximum (242 truck movements) over two years Using heavy haulage routes, which does pass through Appin Township. • No trucks will operate during school pick up/drop off hours in Appin Township. • All loads will be washed down and covered. <p>MD – questioned if upgrades were planned to Appin Road during the construction period. RM took this as a Question on Notice.</p> <p>SD – concerned about the truck movements on Menangle Road and any impact it would have to traffic. Requested a copy of the truck route.</p> <p>Question on Notice: RM to clarify if there will be any upgrades to Appin Road during the construction period.</p> <p>Action: RM to share flyer which will be issued to Appin residents and businesses.</p>
	<p>Coal Wash Emplacement Area</p> <p>CS provided an update on the Coal Wash Emplacement Area.</p> <ul style="list-style-type: none"> • EPA Waste Division visited the site on 16 August 2022 to gain an understanding of coal wash management at Appin North. • IMC is working with the EPA to clarify the methodology for weighing coal wash being transported to the emplacement from on-site stockpiles. • Stockpiles contain coal wash planned for Operational Purpose Deductions or beneficial reuse. Coal wash that can't be reused may be placed on embankment.
	<p>Appin Mine CCC membership three-year review</p> <p>MA outlined the process.</p> <ul style="list-style-type: none"> • MA will conduct interviews with all CCC members which will include a review of the Code of Conduct. There is a vacancy that also needs to be filled. • Interviews will be held at the Douglas Park Community Hall. MA is checking availability and will contact members to arrange a convenient time. <p>Action: MA to schedule interviews with all members on a Tuesday in October or November.</p> <p>Action: RM to arrange advertising for the vacant position.</p>
	<p>End of Year dinner</p> <p>AS advised the dinner would be Wednesday 30 November @ Camden Valley Inn.</p> <p>Details to follow.</p>
	<p>General business</p> <p>MD – raised the Code of Conduct and cited examples of members being disrespectful of speakers at meetings and circulating inappropriate emails. Some members did not agree with the examples cited. MD requested the Code of Conduct be added as an agenda item for discussion. MA noted that at times he had let conversations go too far and would endeavor to exercise more control in future.</p> <p>MA will discuss the Code of Conduct with each member during the upcoming membership review. MA encouraged members to raise behaviour not in accordance with the Code of Conduct with him when it occurs allowing it to be addressed at the time.</p> <p>BD – requested a site visit to the Coal Wash Emplacement Area.</p> <p>DS – requested an update on the Menangle Road trees at the next meeting.</p> <p>Action: RM to consider a visit the Coal Wash Emplacement Area.</p> <p>Action: CS to provide an update on the Menangle Road trees at the next meeting.</p>

8	ACTIONS
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	<p>Next meeting: Wednesday, 23 November 2023. Commencing 4.30pm. Menangle RFS – 90 Menangle Road, Menangle</p>