

Minutes

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south32.net

WORSLEY ALUMINA COMMUNITY LIAISON COMMITTEE - MINE

Meeting Date Tuesday 25 March 2025

Meeting Time 4.00pm

Meeting Location Boddington

Meeting Chair Greg Cavanagh

Attendees Greg Cavanagh, Chair
 Paul Carrots, Shire of Boddington
 Hans Prandl, Shire of Boddington
 Eugene Smalberger, Community representative
 Danielle Roache, Boddington District High School
 Julie Burton, Shire of Boddington
 Donna Harris, Community representative
 Natalee Lombardi, Community representative
 Trever Stockil, General Manager, South32
 Rod Jones, Manager External Affairs, South32
 Claire Reid, Manager Approvals, South32
 Wendy Botes, Manager Environment & Heritage, South32
 Paul Bullock, Environment Specialist, South32

Apologies Melanie Durack, Peel-Harvey Catchment Council

MEETING MINUTES

Item	Description	Presenter
1	Open Meeting and Note Apologies <ul style="list-style-type: none"> Meeting opened at 4.10 pm Apologies noted as per above. 	G Cavanagh
2	Acknowledgement of Country	R Jones
3	Read and Accept Previous Minutes	G Cavanagh

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 ABN 58 008 905 155 Registered in Australia

South32 Worsley Alumina Pty Ltd, as manager of the Worsley Joint Venture, acts as agent for and on behalf of the South32 Aluminium (RAA) Pty Ltd (56%), South32 Aluminium (Worsley) Pty Ltd (30%), Japan Alumina Associates (Australia) Pty Ltd (10%) and Sojitz Alumina Pty Ltd (4%) (the "Worsley Joint Venturers"). Liability of the Worsley Joint Venturers is several in proportion to their respective participating interests held from time to time in the Worsley Joint Venture (which as at the date of this document are as set out in this paragraph).

MEETING MINUTES		
Item	Description	Presenter
	<ul style="list-style-type: none"> No previous minutes presented 	R Jones
	Review actions from previous meeting:	
	Changes to previous minutes - NRM Strategy is waiting on additional funding to develop input into community, Paul, Mel moved minutes.	Complete
	South32 web page being updated to include further information on Worsley Alumina, which will include Mine CLC minutes. Update: South32 currently reviewing website to ensure webpage suitability for ongoing dissemination of information in a coordinated manner	Ongoing
	Distribution of minutes from previous CLC meetings to be faster	Ongoing
	Fact Sheets for sharing information - need supporting operational information like Hotham River crossing to be available to CLC	Ongoing
4	Worsley Business Update	South32
	General Update	
	Quarterly Report released December 2024	
	<ul style="list-style-type: none"> Alumina production increased 14% during the quarter capturing the benefit of strong alumina prices Aluminium production increased 5% Sierra Gordon increased copper production by 21% Cannington delivered a 56% increase in payable zinc equivalent production GEMCO cyclone recovery efforts continued Acquired a 19.9% interest in Amercian Eagle Gold Corporation (British Columbia); copper gold prospects 	
	Half Year Results released February 2025	
	<ul style="list-style-type: none"> Aluminium production increased 5% Copper production increased 16% FY25 production guidance remained unchanged, except for Mozal Aluminium where we continued to mitigate the impact of civil unrest in Mozambique GEMCO cyclone recovery efforts continued, including the construction of a new wharf and dewatering activities allowing a phased restart of operations Illawarra Metallurgical Coal divestment completed 	

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Member discussion supported the continuation of the inclusion of high level South32 information for future meetings.

Boddington Bauxite Mine Update

South32

Safety

- Good performance with regards to safety.
- Safety Training for all levels of staff (Lead Safely Every Day) continues
- Major focus on updating critical control processes looking to make these processes simpler and stronger
 - critical control training now included in onboarding for new starters

Production

- Ore mining slightly above target for the period
- Total Material Movement slightly down YTD for the mine – still seeing challenges with grade

People

- Regular visits by VPO to the mine; recent JV partner visits to the mine.
- Shire of Boddington Council engagement ongoing - investigating a tour of the refinery and port facilities councillors and staff
- Rehabilitation Tour continues monthly
- Recruitment continues as we try to fill vacancies with a preference for local (Boddington, Williams and Wandering) applicants – SWP, HAYS and full-time

Mine Enabling Infrastructure Projects

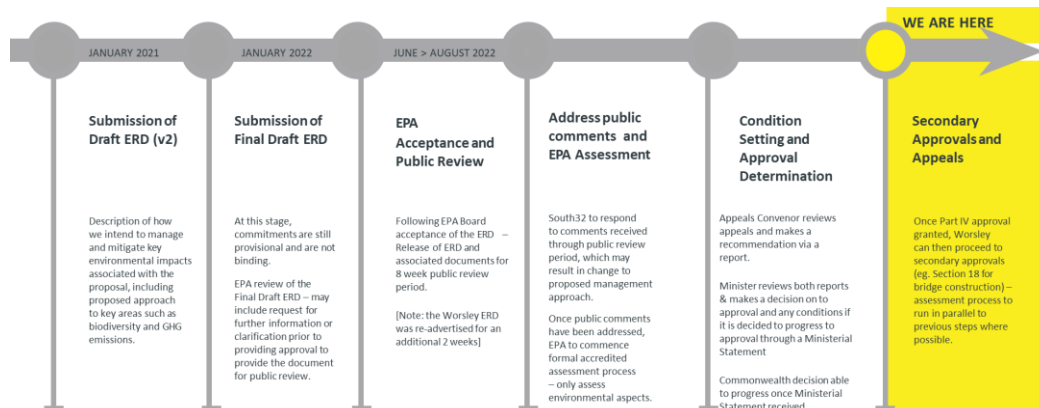
- Mine development will see increasing activity around the Lower Hotham Bridge, including the Lower Hotham Underpass project.
- Traffic Management will be set up as required on Lower Hotham Road, and key equipment, including one dozer and four scrapers, will be transported within the Boddington Mine mining envelope.
- Quindanning operations are shifting over the ridge with visible truck movement expected.
 - Strict adherence to our dust management procedures and the use of noise suppressant trucks will be continued.
- Saddleback will soon see new mining activities along the Pinjarra-Williams Road, near the mine entrance.
- Early works will commence around 31 March to widen the permanently closed portion of Ashcroft Road, improving access from the South to the North laydown areas near the Hotham River.

Worsley Approvals Summary

South32

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- **State Approval Granted: 20 December 2024**
- **Federal Approval Granted: 12 February 2025**

Environment

Dilyan's Crossing Update

- **Geotechnical investigations**
 - 2020 Stage 1 Geotechnical investigations (surrounding paddocks)
 - Approved Program of works (DEMIRS)
 - S41 notification (DWER/EPA-S)
 - 2022 Stage 2 Geotechnical investigations
 - Approved Program of works (DEMIRS)
 - S41 notification (DWER/EPA-S)
 - Reg 7 & 10 (DPLH)
 - 0.14ha of clearing
 - 2024 Stage 3 Geotechnical investigations
 - Approved Program of works (DEMIRS)
 - S41 notification (DWER/EPA-S)
 - Section 18 (Minister for Aboriginal Affairs)
 - Complete, report to be provided to DPLH 20 March 2025
- **Future Works**
 - May 2025: Laying of a poly water pipe across the river (ground disturbance not required – pipe placed on concrete blocks or slung with soft slings)
 - Sept 2025 – Dec 2026: Construction of Bridge at Dilyans Crossing
 - Nov 25- April 26: Construction (culverts and haul road) at 34 Mile Brook

Secondary Approvals

- Submitted (Pre Sept)

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	<ul style="list-style-type: none"> • Works approval – Mobile Crushers & Oil water separator (Approved: 6887/2024/1) • Bed & Bank Permit – Hotham River & 34 Mile Brook (approved: PMB211533 & PMB21532) 	
	<ul style="list-style-type: none"> • Submitted (Sept – Nov) <ul style="list-style-type: none"> • Bed & Bank Permit – Wattle Hollow Brook (approved: PMB211533) • Mining Proposal – L70/223 • S40 Authorisation – Nullaga first clearing (approved 27 Feb 2025) • Submitted (Nov – March) <ul style="list-style-type: none"> • Works Approval – Mobile Crushers for road construction (under assessment) • S40 Authorisation – areas in the WMDE (DBCA requested further information) • 5C licence to take surface water (seepage related to bridge construction) (approved: SWL211534(1)) 	

Environmental Management Plans

- Approved prior to ground disturbing works commencing (MS1237 Cond: C1-1)
 - Water Management Plan
 - Local Offset Environmental Management Plan
 - Construction Environmental Management Plan
 - Flora & Vegetation Environmental Management Plan
 - Conservation Significant Fauna Environmental Management Plan
- Management Plans are available on the South32 Webpage (MS1237 Condition C2-6)

Reporting

Reporting is required in accordance with the Compliance Assessment Report (MS1237 Condition D2-1)

Publicly available information:

- Extended Mining areas:
 - Condition B4-5: Scope of Biodiversity Related Investigations Document
 - Condition B4-7: Biodiversity-related Investigations Report
 - Condition B7-7, B8-11, B9-11, B11-3: Transport, Mining & Rehab Plans and Water Resource Management Plan
- Current Operations
 - Condition B13-5: Pre-clearance survey findings & Outcomes
 - D2-6(6): Compliance Assessment Report
 - D5-1: All validated environmental data, methods, monitoring, EMP's and reports relevant to the assessment of this proposal
 - D5-4: Any independent audits requested by the CEO of DWER.

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Note: Several conditions of the Federal Approval (EPBC 2019/8437) also require public reporting, aligned with the State approval

Aluminium Stewardship Initiative

- **BIODIVERSITY & ECOSYSTEM SERVICES**
- **ASI Performance Standard: 8.1 a & b**

The entity shall:

- a. Assess the risk to and potential impacts on Biodiversity & Ecosystem Services
- b. Undertake a systematic review, in consultation with and with the participation of Affected Populations & Organisations to identify Priority Ecosystem Services that are relevant to Affected Populations & Organisations

- **ASI Performance Standard: 8.3**

The entity shall:

- Implement measures that increase resource efficiency of operations
- Where Ecosystem Services of relevance to Affected Populations & Organisations:
 - When under the Entity's direct management & control, use the Biodiversity mitigation hierarchy to maintain access to & value & functionality of ecosystem services
 - When not under the Entity's direct management, work with other parties or within scope of influence to mitigate impacts on Priority Ecosystem Services

- **MINE REHABILITATION**

- **ASI Performance Standard 8.7e**

- Ensure the Mine Rehabilitation and closure plan is developed in Consultation with and, where possible, with the participation of Affected Populations and Organisations and designed by a Qualified Specialist

- **Affected Populations**

ASI Performance Standard: 9.1c

- A mapping of Affected Populations and Organisations to ensure Affected Populations and Organisations are:
 - I. Engaged by the Entity
 - II. Consulted about operational activities and potential significant Human Rights impacts and informed of the operation's Complaints Resolution Mechanism.

ASI Performance Standard: 9.1c

- The Entity shall respect, in ways appropriate to its size and circumstances, the legal and customary rights and interests of

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Affected Populations and Organisations in their lands, livelihoods and use of natural resources, including, as a minimum:

- a. Implement a plan to identify, prevent, monitor, mitigate and account for any significant impacts, including health and safety, social and cultural Human Rights and environmental impacts resulting from its activities.
- b. Develop the plan in Consultation with and, where possible, with the participation of Affected Populations and Organisations.
- c. In accordance with the plan, commit resources to Local Community development.
- d. Review the plan at least every 5 years.
- e. Review the plan after any changes to the Business that alter Material environmental, social and governance risk(s).
- f. Review the plan on any indication of a control gap.
- g. Publicly disclose the latest version of the plan.
- h. Explore with Affected Populations and Organisations opportunities to respect and support their livelihoods.

Rehab

- Rehabilitation seeding has commenced for the 2025 rehabilitation, chasing 300+ ha.
- Planned use of available forest residue to reduce burning. Removal of timber harvesting from State Forest areas has triggered improved recovery from forest residue without impacting on fauna habitat returns for rehab.

Flora Surveys

- Targeted surveys for priority flora has ended for 2025 for plants that require flowering differences. Most notably for *Hibbertia ambita*. No new significant populations have been identified, with numerous collections still awaiting confirmation from the WA Herbarium.
- A targeted survey in February for the Boddington Gastrolobium (P1), has identified a further 70,000 additional plants. BBM has been working with the WA Herbarium regarding the plants physiological differences between the recorded populations (taller variety). Another collection will occur during the flowering period to identify any further differences. A new sub species may result of the collections.

Feral Pigs

- Previous trials on feral pig baiting within the Quindanning Timber reserve showed little to no interest in baiting stations (or free feeding baits).
- Options for trapping within operational areas were previously restricted by DBCA, however a change in personnel has allowed BBM to conduct trapping activities. Since February, 25 pigs have been captured and transported to an offsite location for destruction. The trapping locations have all occurred on the boundary with private properties, with neighbours support. Remote cameras are placed on all traps

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to confirm numbers to DPIRD, record keeping and to inform us of any un-approved access.

Cockatoo Surveys

- Large scale cockatoo habitat surveys have been ongoing since 2024 by a Fauna based ecological consultant. The process has been refined to provide the most relevant data for further inspections. Initial ground based pre-clearance surveys have currently identified over 9000 trees (of suitable size, form and have visible hollows).
- Each tree found identified by the consultants (of the 9000) must then undergo pole camera and/or drone check to confirm suitability and identify any evidence of use, which currently sits at just over 1000 trees. Trees are ranked according to the images obtained (1-5). Where evidence of use is found, the tree then becomes excluded from disturbance (Protected). This process has so far identified 8 Rank 2 verified trees (evidence of use), which are to be protected and excluded from mining activities. These trees are additions to previously identified confirmed trees.
- Total data will be reported within the Annual Environmental Report and GIS submitted to DBCA.

Rechecks of the known high potential or previously confirmed cockatoo hollows will be ongoing during relative breeding seasons

Research

- The ongoing PhD regarding fauna sampling using eDNA, had identified the use of an artificial hollow in southern Saddleback 2011 rehabilitation by a Red Tailed Phascogale. The hollow had also identified use by Brush Tailed Phascogales and Pygmy possums. Mardos, Pygmy possums and Brush Tailed Phascogales have been identified across all areas of Saddleback in rehab and control areas. This evidence shows that if hollows are available, recolonisation is probable. Next steps are being reviewed.
- A further eDNA research program using air monitoring is planned to occur alongside the existing Saddleback 3 yearly fauna monitoring program to determine capabilities, similarities and suitability of the program. With the intent that it will become an additional sampling method that runs alongside current sampling methodology.

Fox Baiting Trial

- Ongoing use of Canid Injectors during the dry Spring and Summer have shown reduced uptake within the targeted areas. This is likely due to the lack of available water near these locations. The decision was made to reduce the density of stations and relocate the remaining to tracks closer to water points.
- This has seen an improved investigation by foxes on the stations however confirmed hits are still low (2 in Feb).

BIODIVERSITY OFFSET

- Hog Hollows
 - Initial monitoring, some indication of fauna investigating hollows

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	<ul style="list-style-type: none"> • <u>Mammal dens & artificial habitats</u> <ul style="list-style-type: none"> • Monitoring shows an echidna and goanna investigating dens • <u>Feral Animal Control</u> <ul style="list-style-type: none"> • 27 pigs, 5 foxes and 1 cat removed with Gibbs trapping program (Jan – Mar 25) • <u>Felixer</u> <ul style="list-style-type: none"> • Photo Only Trial Period Completed license application submitted to DBCA • <u>Artificial Hollows – Black Cockatoos</u> <ul style="list-style-type: none"> • Planning for installation 	
Community		South32

Community Investment

- Community Grants February 2025 Round Outcomes
 - \$84 024 funded
 - 59 applicants, 23 funded (listed by LGA areas)
 - **Boddington 3 applications/3 funded (1 outside the grants process)**
 - Bunbury 22 applications/ 4 funded
 - Capel 1 application/0 funded
 - Collie 10 applications/4 funded
 - Dardanup 3 applications/2 funded
 - Harvey 11 applications/3 funded
 - Murray 3 applications/1 funded
 - Waroona 3 applications/2 funded
 - **Williams 1 application/1 funded**
 - Southwest region 2 applications/0 funded
 - August 2024 round
 - 2 Boddington (3 received)
 - Boddington CRC & Boddington Community Newsletter funded
 - Boddington District High School – 3 year partnership commitment
 - 1 Wandering (1 received)
 - Wandering Boddington Clay Target Club
 - 1 Williams (1 received)
 - Williams Campdraft Club

Community Complaints

- 15 complaints FY25, Q2 (8 complaints in Q1)
- 14 complaints related to BBM

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	<ul style="list-style-type: none"> ○ 5 complaints related to dust ○ 5 complaints related to noise ○ 2 complaints related to Hotham River drilling activities ○ 1 complaint related to new mine approvals ○ 1 complaint related to removal of snakes from their property caused by mining activity • 1 complaint related to contamination of Brunswick River • *3 complaints via other means regarding driving behaviours of contractors potential connected to South32 	
5	Issue Discussion and Members' Updates	All
	<p>Natalee Lombardi</p> <ul style="list-style-type: none"> • Seeking information regarding “800ha on new area that South32 has apparently been provided for mining”. • Claire Reid explained that this is likely referring to the recently purchased 900ha of offset block to be returned to native vegetation as part of approval requirements. <p>Donna Harris</p> <ul style="list-style-type: none"> • Challenged South32 to significantly invest in a legacy or flagship project to show their support for the community. <p>Greg Cavanagh</p> <ul style="list-style-type: none"> • Requested South32 volunteers for Quindanning races 	
6	Any Other Business	All
	Nil	
7	Review Actions from Meeting	
	<ul style="list-style-type: none"> • As per below 	
8	Arrangements for Next Meeting	G Cavanagh
	<p>Meeting dates and locations for 2025:</p> <ul style="list-style-type: none"> • 20 May - Williams • 19 August – Quindanning • 18 November - Boddington 	
9	Close Meeting	G Cavanagh

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Item	Description	Presenter

- Meeting closed at 5.45pm

MEETING ACTIONS			
Item	Action	Responsibility	Due

1	South32 to provide information on dust monitoring following request from Councillor Hans Prandl	South32	As soon as possible
	<i>South32 to provide presentation from July 2024 CLC meeting.</i>		
2.	South32 to come back to the CLC on ASI Accreditation stakeholder engagement requirements	South32	As soon as known
3.	Update signage regarding blasting activities along Pinjarra Williams Road	South32	As soon as possible
4.	South32 web page being updated to include further information on Worsley Alumina, which will include Mine CLC minutes.	South32	Ongoing
5.	Invite representative from Gnaala Karla Booja Aboriginal Corporation to attend the next CLC meeting.	South32	Next meeting
	Invite individuals who have expressed their interest in joining the CLC (D. Thorne; I.McPherson) to attend the next meeting and present to the members.	South32	Next Meeting