

Minutes

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WORSLEY ALUMINA COMMUNITY LIAISON COMMITTEE - MINE

| | |
|-------------------------|---|
| Meeting Date | Tuesday 19 August 2024 |
| Meeting Time | 4.00pm |
| Meeting Location | Williams |
| Meeting Chair | Greg Cavanagh |
| Attendees | Greg Cavanagh, Chair Melanie Durack, Peel-Harvey Catchment Council Paul Carrots, Shire of Boddington Alan Hart, Shire of Wandering Cr D Jennings, Shire of Wandering Donna Harris, Community representative James Wickens, Shire of Boddington Trever Stockil, General Manager, South32 Claire Reid, Manager Approvals, South32 Rodney Jones, Manager External Affairs, South32 Greer Johnson, Lead External Affairs, South32 |
| Apologies | Ian Freeman, Department of Biodiversity, Conservation and Attractions Danielle Roache, Boddington District High School Hazel Harris, Business representative Cr L Lewis, Shire of Boddington representative Gillian Hansen, Shire of Wandering Natalee Lombardi, Community representative Lucie Tota – Community representative Peter Stubbs, Shire of Williams Eugene Smalberger, Community representative Hans Prandl, Shire of Boddington |

| MEETING MINUTES | | |
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| Item | Description | Presenter |
| 1 | Open Meeting and Note Apologies <ul style="list-style-type: none"> Meeting opened at 4.00pm Apologies noted as per above. | G Cavanagh |
| 2 | Acknowledgement of Country | G Johnson |
| 3 | Read and Accept Previous Minutes <ul style="list-style-type: none"> Minutes accepted by all. Moved: Paul Carrots Accepted: Trever Stockil | G Cavanagh |
| | Review actions and responses from the previous meeting, page 7. | G Cavanagh |
| 4 | Worsley Business Update | South32 |
| | General Update Quartley Results <ul style="list-style-type: none"> Delivered strong sales in the June 2024 quarter, capturing higher commodity prices and releasing working capital to finish the year. Alumina production was largely unchanged year-on-year, with improved plant availability at Brazil Alumina partially offsetting a temporary bauxite conveyor outage at Worsley Alumina in the quarter. Advanced our portfolio transformation, completing key milestones for the sale of Illawarra Metallurgical Coal, and progressing construction at Hermosa's Taylor zinc-lead-silver deposit as planned. Impairment expenses for Worsley Alumina (~US\$554M pre-tax) and Cerro Matoso (~US\$264M pre-tax) will be recognised in our FY24 financial results (29 August) Worsley Alumina: ~US\$554M (~US\$389M post-tax) to a carrying value of ~US\$2,027M, reflecting increased uncertainty created by the Western Australian Environmental Protection Authority's recommended conditions for the Worsley Mine Development Project approval and associated challenging operating conditions | |
| | Boddington Bauxite Mine Update | South32 |
| | Safety <ul style="list-style-type: none"> Good performance with regards to safety. Wet Weather having minimal impacts on mining – wash out and Dam Capacity management main focus Safety Training for all levels of staff (Lead Safely Every Day) commenced | |
| | Production <ul style="list-style-type: none"> Total Material Movement on track YTD for the mine – still seeing challenges with grade | |

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- Conveying – remediation work paying-off
- Rehabilitation record seeding FY24 - 327ha

People

- Regular visits at the Mine by COO and VP offering support
- Recruitment commenced for apprentices – shortlist
- Recruitment continues as we try to fill vacancies with a preference for local (Boddington, Williams and Wandering) applicants – SWP, HAYS and Fulltime

Quindanning

- The Quindanning Mine Enabling Infrastructure Project is a mine development project to allow mining east of Pinjarra-Williams Road. It delivers a pre-cast concrete arch road crossing over the Pinjarra-Williams Road. The project was completed start of July, and Mine Development work has commenced.
- The new Optus Tower has been erected, and the solar panels have been installed. Commissioning works have commenced.

Worsley Mine Development

South32

Response to Submissions document resubmitted with minor changes 12 March 2024

- Additional offsets, requested by the EPA Board – outside of the States offset calculator
- Updated BOP and OIP's
- Updated GHG Management plan, including decreased GHG emissions for the life of the project with targets that reflect reasonable and practicable measures to decarbonising Worsley Alumina with the ultimate goal of reaching net zero by 2050 along a linear trajectory so far as practicable

The final RTS also includes commitments already provided in the RTS document submitted 14 Dec 2023

- Including:
 - Further reduction in native vegetation clearing (from 7,119.5 ha in original referral – 3,855ha now proposed)
 - Additional commitments to avoid impacts to Matters of National Environmental Significance
 - Additional protected areas added
 - Increased size of Ecological Linkages
 - Additional actions added to Environmental Management Plans (consistent with recovery plans)
- **Response to Submissions document accepted by DWER on 28 March 2024 and published to the EPA's webpage ([Worsley Mine Expansion – Revised Proposal | EPA Western Australia](#))**
- **EPA Board released their report recommending approval with Conditions**
- **Appeals process open for 21 days – closed 29 July 2024**

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- **Appeals Convenor now considering the appeals received**

Environment

Quindanning Timber Reserve

- Bore required to monitor perched aquifer (that the species relies upon)
- Reg 4 (DBCA) Authorisation: to install the bore
- Location of bogged vehicle and subsequent retrieval operations was not at the known location of any *Caladenia hopperiana* plants
- Known records of individuals from population census:
- 2023 DBCA census
- Mattiske's targeted surveys (2022, 2019)
- Previous targeted surveys (2009, 2010, 2011, 2012, 2013 2017)
- Reported to DBCA regarding the Reg 4 requirements
- Awaiting any advice from DBCA regarding site remediation
- Improvements to project activity outside of Development Envelopes
- Firmer internal requirements to commence work
- Physical demarcation where appropriate

Marradong Brook

- Worsley self reported silt leaving the HV bridge to DWER in June. Immediate actions and feedback from DWER have been completed, including the installation of a silt curtain and an ongoing contract for water and silt removal from the bridge post rain days. This process will be ongoing until the road works can be completed commencing in spring. No silt has since been recorded leaving the bridge surface.

Rehab

- 326 Ha of rehabilitation has been completed during the 2024 season. Including 268.7ha in State Forest, 57.3ha in Private properties.
- Recalcitrant planting program has also been completed for 2024.

Research

- Review of previous pasture improvement programs has resulted in an expansion trial with the use of available clays. The larger areas allow for increased monitoring capabilities and removal of small plot variables and assessing the impact on rehab optionality.
- DNA degradation trial continuing with Red-Tailed Phascogales (lab/zoo based). Assays refinement work required as they are too sensitive and are generating a significant amount of non-negatives.
- eDNA chapter review may result in a change in methodology for future sampling. Was planned on using insect DNA (iDNA), however air DNA sampling is having improved results with an honours project based in Dryandra.

Water Usage (Refinery)

- At South32 Worsley Alumina's Refinery, we have a Catchment Lake (RCL) and Freshwater Lake (FWL) as the primary source of our operational water needs. Typically, we are self-sufficient with both facilities providing the approximate 13GL of water it takes to maintain Refinery production.

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- In years of low rainfall and when our catchment lakes cannot supply the necessary water required to meet our production targets, Worsley has an agreement with Harvey Water to purchase and import water from Wellington Dam. This water is imported directly into our Refinery catchment lake because high salinity levels make it non-potable.
- Worsley's water import of up to 2.5GL represents the equivalent of approximately 1.5% of total dam capacity.
- Since 2020 Worsley has imported and purchased the following amounts of water from Wellington Dam, our medium import is typically 1.3GL. There is less than 10% chance that Worsley will need to import water FY25.

| 2020 | 2021 | 2022 | 2023 | FY24 |
|--------|-----------|-----------|-------|-------|
| 3.90GL | No import | No import | 1.8GL | 2.5GL |

Crystalline Silica Update

How Worsley manages Silica exposure for its employees was presented by Worsley's Senior Occupational Hygienist, Colin Chapman.

Community

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- Monthly rehabilitation tours continuing
- South32 Local Voices – Community survey received 712 responses, Voconiq will provide an update to the CLC in November, and communicating survey outcomes will be emailed to those community members who participated in the survey.

Community Investment

- Community Grants Round 2, 1 August – 31 August.

Community Complaints

- 17 complaints FY24, Q4
- All the complaints related to BBM
- 12 of the complaints related to noise
- 4 of the complaints related to dust
- 2 of the complaints related to traffic

Community Liaison Committee Purpose

Committee commitment:

The Mine CLC is the core 'community' representative body for the communities surrounding the mining operation. Members act as a proxy for the broader community of Boddington and surrounding areas. The CLC's purpose is to act as a two-way discussion and engagement mechanism between Worsley and the community.

To support this purpose Worsley commits to:

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| | <ul style="list-style-type: none"> Transparently share information about the operation, key issues, other risks and opportunities of community interest. Seek regular feedback on the quality of the relationship between the operation and the community and how the operation is performing in the community. Listen, investigate, remedy and close out issues important to the community that are the direct result of the Worsley operation. Consult with members in relation to the activities within the Worsley Community Investment Plan. <p>Committee Minutes: It was proposed that the minutes of the previous meeting be shared with the CLC one week prior to the next meeting, as the minutes are still in draft format and need to be endorsed at the next meeting before sharing externally; CLC endorsed this recommendation.</p> | |
| 5 | Discussion and Members' Updates | All |
| | <ul style="list-style-type: none"> Suggestion to advertise current vacancies in the Boddington News and Wandering Echo. Request for a Silica fact sheet to be available for community members and presented at the next open community session. Wild pigs are an ongoing issue, PHCC is preparing a new strategy and can provide an update at the next meeting. Previous South32 funding provided to the Quindanning community, which is currently held with Shire of Williams. Update required at next meeting. Close out community complaints as requested by Mel Durack. Continue to invite LEAP group representatives to attend CLC meetings. | |
| 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 |
| | Arrangements for next meeting and meeting dates for 2024: <ul style="list-style-type: none"> 19 November 2024 - Boddington | |
| 9 | Close Meeting | G Cavanagh |
| | <ul style="list-style-type: none"> Meeting closed at 5.15pm | |

| MEETING ACTIONS | | | |
|-----------------|---|------------------------------|----------|
| Item | Action | Responsibility | Due |
| 1. | South32 web page updated to include further information on Worsley Alumina, which will include CLC minutes. | South32 | Ongoing |
| 2. | PHCC - NRM Strategy is waiting on additional funding to develop. | PHCC | November |
| 3. | Previous South32 funding provided to the Quindanning community that is currently held with Shire of Williams. | Natalie or Shire of Williams | November |
| 4. | Invite LEAP Chair to participate in CLC Meetings | South32 | November |