

Dendrobium Community Consultative Committee

MEETING MINUTES



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| MEETING: | Dendrobium Community Consultative Committee (DCCC) | |
| LOCATION: | Dendrobium Nebo Room | |
| DATE: | 17:30, Thursday 11 August 2022 | |
| ATTENDEES: | Independent Chairperson | Mike Archer (MA) |
| | Community Representatives | Jenny Evans (JE) - Online Phil Diamond (PD) – Online Anita Mulrooney (AM) - Online Phil Grant (PG) Vivien Twyford (VT) Alex Beccari (AB) Michael Banasik (MB) Wollondilly Shire Council - Online John Wood (JW) Wollongong City Council - Online |
| | Illawarra Metallurgical Coal Representatives (IMC) | Antony Leone (AL) Chris Schultz (CS) Simon Thomas (ST) |
| APOLOGIES: | | Phil Clunas (PC) Amanda Silarski (AS) |

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| 1 | PURPOSE |
| | The purpose of the DCCC is to provide a forum for open discussion between representatives of Dendrobium Mine, the Community, the relevant councils and other stakeholders on issues directly relating to the mine's operations, environmental performance and community relations, and to keep the community informed on these matters. The meeting also includes a discussion on the progress of the Dendrobium Mine Extension Project application. |
| 2 | AGENDA |
| | <ul style="list-style-type: none"> • Welcome, Apologies & Declaration of Pecuniary Interests • Acceptance of Minutes of last meeting • Business Arising • Previous Actions • Dendrobium Operations Update • Approvals Update • Environment Update • Community Update • General Business • Member Updates |

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| 3 | WELCOME / APOLOGIES |
| | <p>Meeting opened at 5:30pm.</p> <p>Mike Archer (MA) welcomed all members present to the Dendrobium Community Consultative Committee meeting.</p> <p>MA issued an apology for PC and AC.</p> <p>MA provided Acknowledgement to Country.</p> |
| 4 | DECLARATION OF PECUNIARY INTERESTS |
| | <p>MA declared a pecuniary interest, advising that in his role as Independent Chairperson, he is paid for his time by South32 Illawarra Metallurgical Coal.</p> <p>There were no other declarations made at the meeting.</p> |
| 5 | PREVIOUS MINUTES |
| | <p>Meeting minutes of DCCC meeting Thursday 9 June 2022 were accepted. Moved by VT seconded by PD.</p> <p>Actions from the previous meeting presented by AL;</p> <ul style="list-style-type: none"> • Tour of the Sydney Water Catchment – re-schedule after catchment closure. AL suggests Thursday 29 September 2022. VT notes absence until 16 October 2022. Committee will RSVP via email. • Response to email enquiry regarding emplacement (to be provided by PD) No questions received to date. PD could not locate article referenced. Action no longer required. • E-mail the Committee the Expression of Interest Form for the ‘Regenerating Country, regenerating economies’. Completed. AM mentioned that she had placed this on the community Facebook page. • Rehabilitation Objectives and Completion Criteria and the draft Rehabilitation Management Plan have been distributed for comment, it is requested that feedback is received by 21 June 2022 Completed. CS advised it is on the IMC webpage. • CS to review if environmental monitoring is continuing in areas where mining had occurred many years ago. Response within presentation. |
| 6 | BUSINESS ARISING |
| | No business arising |
| 7 | OPERATIONS UPDATE |
| | <p>Overview/update</p> <p>ST presented to the group an update on the Dendrobium Mine mining activities.</p> <ul style="list-style-type: none"> ○ LW18 finished extraction on 17 May 2022. ○ LW19 commenced extraction on 21 June 2022. ○ LW19 due to finish early Feb 2023 ○ Development continuing at MG19A, TG22 and MG21. <p>ST updated CCC on pit top weather impacts from recent heavy rain with need to remove at-risk branches/limbs.</p> |

VT – How many trees are being impacted?
 ST – Arborist has identified approximately 100 affected trees requiring mitigation.
 AB – Expressed concern that trees are needed stabilise slopes?
 ST – The stumps are left in-situ.

Dendrobium Mine – Approvals Update

- Longwall 18 Subsidence Management Plan. Approved 8 December 2020.
- Longwall 19 Subsidence Management Plan. Approved 11 March 2021
- Longwall 20 Subsidence Management Plan – Further approval required.
- Longwall 21 Subsidence Management Plan. Approved 19 December 2019
- Longwall 22 and 23 Subsidence Management Plan – assessment by the Department of Planning expected within the next month.
- Longwall 19A SMP Application being finalised.
- Dendrobium Area 3 Gas Management Plant – approved by DPE 8 July

<https://pp.planningportal.nsw.gov.au/major-projects/projects/mod-9-gas-management-infrastructure>

Dendrobium Mine Extension Update

- Public exhibition period completed on 14 June 2022 (6 weeks).
- Response to submissions due in August 2022.
- We expect the points raised to be included in submissions. We will address each submission in our response.

VT – Do we expect new conditions?

AL/CS – anticipation will be similar to existing however there will be a new consent issued. There is likely to be a lot of duplication of conditions that will need to be reflected in existing environmental management plans.

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DENDROBIUM – ENVIRONMENT UPDATE

CS presented an environmental update to the CCC.

- Underground water balance has increased significantly following extreme rainfall at the beginning of July. Water storage volumes in all areas have increased.
- LDP 5 flow in July was an average of 9.83 ML/day (max: 10.98 ML/d and min: 4.03 ML/d) – slight increase in average flow and maximum flow since last meeting.
- Noise monitoring was undertaken in May 2022.
 - 2 x exceedances of LAeq criteria recorded at R39a (Kemira Valley), one in the evening period (37 vs 35 dBA) and one in the night-time period (37 vs 35 dBA).
 - 1 x exceedance of LA1,1 min recorded at R6a (Cordeaux Road), with a result of 49 dBA recorded against the criteria of 47 dBA.
- Rehabilitation Management Plan updated and available on website. Rehabilitation objectives have been submitted and are awaiting approval. Rehabilitation criteria will be submitted once objectives have been approved.
- Noise Management Plan has been updated and consultation with EPA underway.

Dendrobium Water Balance and LDP 5 Discharge

Graph was included in the slide and this was presented by CS. LDP 5 discharge and water balance increased due to recent rainfalls.

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| | <p>PD – Does IMC pump out of Nebo? ST – We draw from Nebo for firefighting, we pump from Kemira.</p> <p>AB – was noise linked to a particular activity? CS - The exceedances at Kemira Valley Coal Loading Facility were likely to be caused by conveyor operations and were influenced by a temperature inversion and wind conditions at the time of the monitoring. The cause of the exceedance at R6a was events from engine starts and machine operation. Under the Industrial Noise Policy, a 2 dBA exceedance does not constitute a non-compliance with the noise impact assessment criteria in Development Consent</p> <p>AB – notes that a 3dB difference is a doubling of noise.</p> <p>Longwall 18/19 Impacts</p> <p>CS presented impact results noting that there has been quite a delay in entering back into the catchment due to recent wet weather.</p> <p>Impacts to WF54</p> <ul style="list-style-type: none"> • During a site inspection on 2 August 2022, a minor, isolated rockfall was observed at Waterfall 54. • A review of photographs indicates it likely occurred between 6 – 28 October 2021, which is likely associated with Longwall 17. • This was recorded as an exceedance of the Performance Measure of <i>negligible environmental consequences including: no rock fall occurs at the waterfall or from its overhang.</i> <p>PD – Is it the small rock pile in the image or the rock debris along the bottom? CS – It is the small pile highlighted in red circle – the other rock debris was accumulated over many years unrelated to mining.</p> |
| 9 | DENDROBIUM COMPLAINTS |
| | <p>AL presented the Dendrobium Complaints.</p> <ul style="list-style-type: none"> • June: 3 <ul style="list-style-type: none"> ○ Rail Operations: Very high pitch squealing noise. Logistics Team identified one with excess noise. Further investigation did not show defects however maintenance was completed on the train identified. ○ Dendrobium Pit Top: Large front end loader making noise at Dendrobium Mine stockpile area, Mt Kembla. Operations confirmed a dozer was working in the area to load trains. This activity was business as usual and ceased at 10.30 pm in line with the noise management plan. ○ Rail Operations: loud grinding noise from the train tracks that occurred over the space of an hour. Logistics confirmed the following day that no running trains or any track maintenance was occurring during the evening. ○ 1 Grievance. • July: 2 |

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| | <ul style="list-style-type: none"> ○ Dendrobium Pit Top: “engine noise” on pit top: Operations confirming LHD carrying equipment into the mine from 10.15 pm to 11.20 pm. The activity ceased at the time of the phone call. ○ Rail Operations: noisy trains. Logistics Team arranged random noise audits on 17 and 18 July. They identified two units emitting noise. The units were removed from service and inspected by the wagon maintainers. ○ 1 Grievance. <ul style="list-style-type: none"> • August: 1 Grievance. <p>CS noted that a Lighting Survey had recently been undertaken at the Pit Top and Kemira Valley to confirm compliance with the Australian Standard for the Control of Obtrusive Effects of Outdoor Lighting as referenced in the Development Consent. No non-compliances were identified. It was noted that this standard relates to light spill, as opposed to a light on site being visible. Shielding options are being investigated in relation to a recent complaint about some lights that were visible on the pit top.</p> |
| 10 | <i>DENDROBIUM – COMMUNITY UPDATE</i> |
| | <p>AL presented a Dendrobium community update.</p> <p>Dendrobium Community Enhancement Program</p> <ul style="list-style-type: none"> ○ FY22 income - \$119,469. FY22 spend - \$251,954. ○ Healthy bank balance at ~\$480,000. ○ Key projects funded: <ul style="list-style-type: none"> – Lindsay Mayne Park Upgrade \$160,000 – COVID-19 support - \$60,000 – Local fire brigades - \$10,000 <p>Illawarra Metallurgical Coal</p> <ul style="list-style-type: none"> ○ 96 Candles Ceremony (120th Anniversary) ○ Mount Kembla Pathway Group volunteering quarterly ○ UCI event partnership - \$100k. Community outdoor cinema and activation in September |
| 11 | <i>GENERAL BUSINESS</i> |
| | <p>ST detailed investigations into pit top landslip remediation works – planning underway and community will be informed. Looking into several options to stabilise the area with least impact to the community during the works.</p> <p>CS noted that the Annual Review is currently under development.</p> <p>AL leave (return December 2022)</p> |

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| | <p>Next Meeting: Thursday 20 October 2022</p> <p>Catchment Tour: 29 September 2022 (TBC)</p> <p>DCCC Working Group: November 2022 to align with State Govt determination. Date TBC in October.</p> <p>PG – Looking to locate old adit after locating old kerosene works. We are unaware of where the old shale came from. Can surveyors look through old works to assist?</p> <p>ST – will investigate to see if any assistance can be made available [ACTION]</p> <p>AB – does IMC know any more regarding the road works completion?</p> <p>AL – we are informed when the public is.</p> <p>MA – looking at dates for 2023 calendar year noting absence in March/April. Will advise the CCC following consultation with IMC.</p> <p>Guidelines for the CCC that every 3 years there will be a membership review. Further details to be provided.</p> |
| 12 | <i>ACTIONS</i> |
| | <ul style="list-style-type: none"> • MA/AL – Proposed 2023 meeting dates • MA – Further detail on membership review. • ST – to investigate assistance to PG regarding historic review of old mine adits/workings. |
| 13 | <i>MEETING CLOSE / NEXT MEETING</i> |
| | <p>Meeting close: 6.30 pm</p> <p>Next Meeting: 20 October 2022 (Dendrobium Nebo Room - Time TBC)</p> |