

# Dendrobium Community Consultative Committee

## MEETING MINUTES



<b>MEETING:</b>	Dendrobium Community Consultative Committee (DCCC)	
<b>LOCATION:</b>	Dendrobium Nebo Room	
<b>DATE:</b>	18:00, Thursday 9 June 2022 - Following KVCLF Tour	
<b>ATTENDEES:</b>	Independent Chairperson	Mike Archer (MA)
	Community Representatives	Jenny Evans (JE) Phil Clunas (PC) Phil Diamond (PD) – Dialling in Anita Mulrooney (AM) Phil Grant (PG) Vivien Twyford (VT)
	Illawarra Metallurgical Coal Representatives (IMC)	Antony Leone (AL) Chris Schultz (CS) Valentina Tasevska (VT) Robert Gordon (RG)
<b>APOLOGIES:</b>		Amanda Silarski (AS) Simon Thomas (ST) Michael Banasik (MB) Wollondilly Shire Council John Wood (JW) Wollongong City Council Alex Beccari (AB)

<b>1</b>	<b>PURPOSE</b>
	The purpose of the DCCC WG is to provide a forum for open discussion between representatives of Dendrobium Mine, the community, the relevant councils and other stakeholders on the Dendrobium Mine Extension Project.
<b>2</b>	<b>AGENDA</b>
	<ul style="list-style-type: none"> <li>• Welcome, Apologies &amp; Declaration of Pecuniary Interests</li> <li>• Acceptance of Minutes of last meeting</li> <li>• Business Arising</li> <li>• Previous Actions</li> <li>• Dendrobium Operations Update</li> <li>• Approvals Update</li> <li>• Environment Update</li> <li>• Community Update</li> <li>• General Business</li> <li>• Member Updates</li> </ul>
<b>3</b>	<b>WELCOME / APOLOGIES</b>
	Mike Archer (MA) welcomed all members present to the Dendrobium Community Consultative Committee Working Group meeting.

	<p>MA issued an apology for AS, ST, MB and AB</p> <p>MA provided Acknowledgement to Country.</p>
<b>4</b>	<b><i>DECLARATION OF PECUNIARY INTERESTS</i></b>
	<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>
<b>5</b>	<b><i>PREVIOUS MINUTES</i></b>
	<p>Meeting minutes of DCCC meeting Thursday 14 April 2022 were accepted. Moved by AM seconded by JE.</p> <p>Actions from the previous meeting presented by AL;</p> <ul style="list-style-type: none"> <li>• Tour of the Sydney Water Catchment – The catchment has just re-opened after over 4 months of closure. The conditions are still very wet therefore it was suggested to reschedule to Spring – Committee agreed to reschedule for late October 2022 [ACTION].</li> <li>• Tour of the Kemira Valley Coal Loading Facility – Completed on 9/6/2022.</li> <li>• Outcome of enquiry from resident regarding noise results dated 9/2/2022 <ul style="list-style-type: none"> <li>○ There was an incorrect report against the Operational noise criteria, not the construction noise impact assessment criteria (lower portal roadworks were being conducted at the time).</li> <li>○ The recording of 46 dBA is compliant with construction noise criteria of background plus 10 dBA, which is consistent with the current NSW EPA ICNG. It was, however, incorrectly reported against operational noise impact assessment criteria (40dBA).</li> <li>○ We acknowledge this mistake and have implemented controls to ensure this confusion is not repeated.</li> </ul> </li> <li>• Estimated time frame for Lower Portal Roadworks – This is planned for end of July/August 2022 (weather dependant).</li> </ul>
<b>6</b>	<b><i>BUSINESS ARISING</i></b>
	No business arising
<b>7</b>	<b><i>DENDROBIUM MINE EXTENSION UPDATE</i></b>
	<p><b>Overview/update</b></p> <p>RG presented to the group an update on the Dendrobium Mine mining activities.</p> <ul style="list-style-type: none"> <li>• LW18 finished extraction on 17 May 2022.</li> <li>• LW19 scheduled to commence extraction on 16 June 2022.</li> <li>• LW changeout has been going for about 2 weeks now.</li> </ul> <p>PD – Is there mostly CO2 or Methane generated from Area 3C?  RG – It is mostly CO2. CO2 is harder to move than Methane whereas Methane is easier to drain.</p> <p>PD – Wanted clarification on gas drainage.  RG – Explained how gas drainage is achieved through inseam drilling.</p> <p>A clarification on longwall sequence was provided.</p>

RG – Some structure identified in Longwall 20 (hence shorter block).

MA – What is meant by structure?

RG – Dykes, intrusions, displacement, discontinuity of coal seam.

AL – There is still exploration on LW19A

PD - Regarding the political situation and the price on carbon, if a carbon price is introduced would it be economically viable for the mine?

RG– There is a multitude of factors that are involved when it comes to the economics – price of coal, cost of extraction etc.

PD – Regarding LW19A being narrower width block compared to others – what is the economics behind this?

BG – it is a short block that will assist in longwall continuity.

### **Dendrobium Mine – Approvals Update**

- LW19 Subsidence Management Plan approved 11/3/2021 – LW19A planning for SMP Assessment underway. LW19A small longwall South of LW19 is being assessed.
- LW20 Subsidence Management Plan further approval required.
- LW21 Subsidence Management Plan approved 19/12/2019 – SMP extraction approval in place for LW21.
- LW 22 and 23 Subsidence Management Plan is being assessed by the Department and Independent Advisory Panel – Response to Submissions submitted.
- The only change since the last meeting is the submission of the Mod Report for the Dendrobium Area 3 Gas Management Plant – currently under review by DPE. The Public exhibition period was Fri 4 March 2022 until Thu 17 March 2022;
  - 1 x Objection and 2 x comments from Agencies

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

### **Community engagement**

- 4 x Community information sessions held:
  - 25 attendees.
  - Points raised included the proposed carpark and resulting traffic, water impacts, mining heritage/legacy and emissions

VT – what about the heritage was asked?

AL – principally around closure of the mine and preservation of the history

- Public exhibition closes 14 June – Submissions will be published online.
- We will respond to submissions in July.
- Visitors were from local suburbs, including Mount Kembla, Cordeaux Heights, Figtree and Unanderra.
- They also came from the Northern Illawarra Suburbs and Wollongong.

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### **DENDROBIUM – ENVIRONMENT UPDATE**

- Underground water balance has reduced slightly following record rainfall. Water stored in Area 1 and Area 2 has decreased however water stored in Area 3B has remained high.
- LDP 5 flow in May was an average of 8.42 ML/day (max: 9.61 ML/d and min: 5.66 ML/d) – relatively consistent over the last twelve months.
- Exceedance of criteria at R39a reported in February quarterly noise monitoring. Discussions are ongoing with the Department.

- Latest noise monitoring was undertaken in May 2022. Results are not yet received.
- ISO 14001 Environmental Management System audit undertaken in May/June. No non-conformances were reported.
- EPA inspection of site on 24 May 2022.
- Heritage, contamination and slope stability assessments have been undertaken for closure planning.

PD – Is the planning process that you are looking at for 2035, 2041?

CS – The date of closure for these assessments is not driving these assessments. The reason they are being done is that it's a corporate requirement. The information obtained through these assessments will be relevant whenever closure occurs.

### **Dendrobium Water Balance and LDP 5 Discharge**

Graph was included in the slide and this was presented by CS. LDP 5 discharge is fairly consistent.

PD – The brine from Appin, has it increased/decreased?

CS – No, it has been consistent.

### **Rehabilitation**

- 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 – Any comments on this please give them back to CS and MA to be cc'd in on the email.
- Feedback will be reviewed and incorporated into the RMP where applicable.
- Draft conditions for MOD 9 indicate that consultation on the Rehabilitation Management Plan will be required, which is why it is being distributed for comment along with the rehabilitation objectives and closure criteria.

VT – What is the purpose of the Rehabilitation Management Plan?

CS – The Rehabilitation Management Plan outlines the future proposed land uses for surface facilities and the criteria that we are proposing to meet to allow for relinquishment of the site. The RMP details how these criteria will be achieved.

PD – Who holds the RMP to account?

CS – The Resources Regulator will hold IMC to account, as they are accountable for regulation of rehabilitation.

PG – Who determines heritage?

CS – Heritage consultant examines and provides input to a determination.

### **Dendrobium – Longwall 18 Impacts and Triggers**

Catchment access has been restricted since 21 February 2022, with the catchment only reopening on 7 June 2022.

Waterfall 54 (on Wongawilli Ck) was inspected on 2 June 2022 with no impacts/changes observed.

PD – Julie Shepherd who is a retired Committee Member had questions that she wanted to ask the Committee for this meeting. She had sent an e-mail to PD so PD to forward the e-mail to AL and CS for Review)

[ACTION]: AL to provide a response to Julie's e-mail for the next meeting.

	<p>AL presented the Dendrobium Complaints.</p> <p>May – 10 complaints</p> <ul style="list-style-type: none"> <li>○ 7x Noise</li> <li>○ 1 : During the tree removal on Surface. (This has been planned to be held on Fridays now in August) day-time only.</li> <li>○ 5: relating to noise at Pit Top. (There were 3 complaints during the LW changeout) – Reason being as there was an increase in machinery at the time.</li> <li>○ 1 curfew breach: Logistics have contacted the vendor to issue Drivers Code of conduct and confirmation of curfew times.</li> <li>● 1 x relating to rail noise <ul style="list-style-type: none"> <li>○ The noise monitoring was completed three times that night and twice the day after – outcome of no noise issues.</li> <li>○ The unit was inspected after discharging that night to ensure that all is operating as normal.</li> </ul> </li> <li>● 2 x Traffic: Trucks not stopping at Stones Road at a STOP sign. Issue addressed as per Driver code of conduct.</li> <li>● 1 Grievance complaint for Traffic: driver behaviour (the truck was not related to South32 operations).</li> </ul> <p>April – 1 complaint for traffic: Heavy truck on Cordeaux Road without an escort vehicle during LW changeout.</p> <p>PD – There will need to be escort vehicles for the large equipment on the roads.</p>
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10	<b><i>DENDROBIUM – COMMUNITY UPDATE</i></b>
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	<p>AL presented a Dendrobium community update.</p> <p>‘Regenerating Country, regenerating economies’ is an industry funded project which will engage an Aboriginal approach to co-develop options for the regeneration and healing of Country and Communities. The project will focus on the Mt Kembla to Mt Keira Creek System and seeks to bring together diverse forms of knowledge, value systems and beliefs to co-design an approach to restoring cultural, environmental and social values.</p> <p>The project is a collaboration between the Illawarra Local Aboriginal Land Council (ILALC), South32 Illawarra Metallurgical Coal (IMC) and researches at the University of Wollongong.</p> <p>We would like to invite you, as a stakeholder (including local residents, businesses, environment groups and members of the Aboriginal Community) who has an interest in the Creek System, to participate in this collaborative project.</p> <p>If you are interested in being involved, please complete the Expression of Interest Form and send it back to Research Program Manager, Dr Anna Lewis at <a href="mailto:Lewisa@uow.edu.au">Lewisa@uow.edu.au</a> by Monday 27 June at 5:00pm.</p> <p>AL – E-mail the document to the Committee.</p> <p><b>Dendrobium – 20<sup>th</sup> Anniversary</b></p> <p>The Dendrobium Mine’s 20 Year Anniversary was on 28 May 2022 – planning activities at the Mine for later in the year to celebrate. A video celebrating 20 years was shown to the committee.</p> <p><b>Dendrobium Community Enhancement Program</b></p> <ul style="list-style-type: none"> <li>● Committee met on 8 June 2022.</li> <li>● Applications endorsed:</li> </ul>
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	<ul style="list-style-type: none"> <li>○ Figtree AFL Community Club – Team support \$15,000</li> <li>○ Mount Kembla Soldiers and Miners Church \$23,500</li> </ul> <p><b>Illawarra Metallurgical Coal</b></p> <ul style="list-style-type: none"> <li>● Illawarra Women’s Trauma Health Centre - major partnership with the Illawarra Health Centre to assist to deliver a Women’s Trauma Recovery Centre. This will be located in the Illawarra, however is expected to receive women from surrounding LGAs. \$250,000 investment for business development. The centre will have all accommodation and services women require to recover from domestic violence and re-enter society as successful independents. The centre will be the first of its kind in Australia and will act as a pilot program which may be rolled out nationally pending on its success.</li> <li>● The mountain biking proposal remains with Wollongong City Council and NPWS and we are continuing to engage with them on trail plans for the area, as well as those proposed through our property. <ul style="list-style-type: none"> <li>○ The Social Impact comment is in draft and will be released in 2022 with the REF. The comment did highlight the need for a Traffic and Parking Assessment. We have worked with Wollongong City Council to deliver this, providing \$70,000 for the assessment.</li> <li>○ South32 will take a position of use of our land when we are comfortable the social and environment impacts of the project are understood. We also would like to understand the plan for the area for amenities.</li> <li>○ We understand Wollongong City Council will be in touch with the Community soon to advise of planned engagements, of which South32 will take part as an interested landholder in the area.</li> </ul> </li> <li>● We are also exploring the opportunity to assist the Mount Kembla Pathway Group on its regular pathway activities, around every third month. Details are to be confirmed with the Group and volunteering to commence.</li> </ul>
11	<b>GENERAL BUSINESS</b>
	<p>AL noted a new awning would be installed around Tech Service Building at the Pit Top – This will take roughly just over two weekends being on a (Fri/Sat). This is to be advised.</p> <p>PC – Is there any stream flow data along major streams over older workings (i.e. many years since mining has been completed)?</p> <p>[ACTION] CS to review if data is continually recorded many years post-mining</p> <p>PD – what will happen if there is no approval for Area 5/6? Will closure occur sooner</p> <p>CS – Yes.</p> <ul style="list-style-type: none"> <li>● <b>Catchment Tour:</b> Scheduled for Spring 2022 later in October 2022</li> <li>● <b>DCCC Working Group:</b> Wednesday 13 July 2022</li> </ul> <p>A preference for meetings to be held at Dendrobium was indicated by committee members. Long-Term we are looking at Partnership with the Mount Kembla Public School. The school can benefit from the IT/Conference set up.</p>
12	<b>ACTIONS</b>
	<ul style="list-style-type: none"> <li>● AL to have answer Julie’s e-mail for the next meeting – PD to send the e-mail to AL.</li> <li>● AL – E-mail the Committee the Expression of Interest Form for the ‘Regenerating Country, regenerating economies’.</li> <li>● ALL - Rehabilitation Objectives and Completion Criteria and the draft Rehabilitation Management Plan have been distributed for comment, it is requested that feedback is received</li> </ul>

	<p>by 21 June 2022 – any comments on this please give them back to CS and MA to be cc'd in on the email.</p> <ul style="list-style-type: none"> <li>• CS to review if environmental monitoring is continuing in areas where mining had occurred many years ago.</li> </ul>
13	<i>MEETING CLOSE / NEXT MEETING</i>
	<p><b>Meeting close:</b> 7:05pm</p> <p><b>Next Meeting:</b> 11 August 2022 (Dendrobium Nebo Room - Time TBC)</p>