

# MEETING MINUTES

MEETING:	Dendrobium Community Consultative Committee	
LOCATION:	Dendrobium Mine meeting room, Mount Kembla	
DATE:	22 <sup>nd</sup> February 2018	
ATTENDEES:	<p>Independent Chairperson Community Representatives</p> <p>Illawarra Coal Representatives (IC)</p>	<p>Mike Archer (Independent Chair) Phil Diamond (PD) Vivien Twyford (VT) Alex Beccari (AB)</p> <p>Amanda Blunt (Community) (ABI) Ngaire McCarthy (Community) (NM) Bryony Andrew (Dendrobium Manager Operations) (BA) Michelle Grierson (Environment) (MG)</p>
APOLOGIES:		<p>Amber Cleary (Community) Phil Grant Chris Haley Ann Young Ron Zwicker (Wollongong City Council) Phil Clunas (Community) PC</p>

<b>1</b>	<b>PURPOSE</b>
	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.
<b>2</b>	<b>AGENDA</b>
	<ul style="list-style-type: none"> <li>• Welcome/Apologies</li> <li>• Acceptance of minutes of last meeting</li> <li>• Illawarra Coal Operational update</li> <li>• Update on Environment, Logistics, and Community</li> <li>• General Business</li> <li>• Questions on Notice</li> <li>• Changes to freight providers</li> </ul>

	<ul style="list-style-type: none"> <li>• IC CCC / DCCC combined site visit</li> <li>• Power pole relocation project</li> <li>• Meeting dates for 2018</li> </ul>
3	<i>WELCOME / APOLOGIES</i>
	<ul style="list-style-type: none"> <li>• Mike Archer welcomed all members present to the first meeting for 2018.</li> <li>• Apologies from Amber Cleary with Amanda Blunt filling in as Illawarra Coal Representative</li> <li>• Mike also informed the Committee of Ann Young's resignation and will write to thank her for her contributions and hard work she has given over the years. She will be greatly missed</li> <li>• All members to actively think about appropriate members to join the Committee</li> <li>• Amber will continue to be the Company's representative on the DCCC when she returns from leave</li> </ul>
4	<i>DECLARATION OF INTERESTS / CORRESPONDENCE</i>
	<ul style="list-style-type: none"> <li>• Malcolm Hughes from Water NSW is a tentative for 19 April 2018 meeting and will take questions and give feedback on Catchment activities</li> <li>• Earlier in the month Mike advised he attended a meeting scheduled by the Department of Planning and Environment for CCC chairpersons. <ul style="list-style-type: none"> <li>• The meeting highlighted the active role a chairperson has in the CCC and he noted the following specific for the DCCC:</li> <li>• The Department is able to assist to bring other government bodies to CCC meetings as required</li> <li>• The CCC should be made aware of any applications for modifications to an existing approval prior to lodging with the Department</li> <li>• A person with decision making abilities from the proponent should be a member of the CCC</li> <li>• The meeting was focused on the proscribed requirements for new CCC's. If existing CCC's were operating well there was no need to implement change</li> <li>• The Department believes chairpersons need to have good working relationships with senior Department and senior proponent officers</li> <li>• CCC's will be required for "State Significant Projects" as determined by the Department</li> <li>• CCC independent chairpersons for new CCC's will be selected only from the now established pool of approximately 20-25 suitably qualified and/or experienced people</li> <li>• Site visits are important</li> <li>• Joint, multiple CCC meetings can work where an agenda of common interests can be established, and especially around site visits.</li> <li>• CCC independent chairs have an obligation to lodge an "annual report" with the Department about CCC activities and actions during calendar years, with an outline of proposed activities in the coming year. The reports will be made public on the Department's web site</li> </ul> </li> </ul>

5	<b>PREVIOUS MINUTES</b>
	Approval of the minutes from the previous DCCC meeting (October 2017) were accepted as a correct record of the meetings. <b>First: VT; Moved; AB.</b>
5A	<b>BUSINESS ARISING</b>
	Nil.
6	<b>ILLAWARRA COAL OPERATIONAL UPDATE</b>
	<p><b><u>South32 update</u></b></p> <p><b>Half yearly results:</b></p> <ul style="list-style-type: none"> <li>• After a challenging start to the year, production at the majority of S32 operations is tracking on or ahead of schedule.</li> <li>• There is a continued focus on gas drainage and ventilation, and embedding new structures, systems and processes, at Illawarra Metallurgical Coal's Appin colliery</li> <li>• S32 delivered record ore production at Australia Manganese and increased production guidance at South Africa Manganese in response to favourable market conditions</li> <li>• A4.3B South African rand investment in the Klipspruit colliery was announced, which will extend its life by approximately 20 years</li> <li>• S32 announced a decision to manage South Africa Energy Coal as a stand-alone business to sustainably improve its financial performance and, ultimately, transform its ownership, also allowing us to consolidate our functions and further reduce duplication</li> </ul> <p><b>Illawarra Coal update:</b></p> <ul style="list-style-type: none"> <li>• Jason Economidis joined Illawarra Coal mid-January as the new Vice President Operations. Jason brings with him a wealth of experience in operating large coal operations across Australia and will be instrumental in leading Illawarra Coal towards long-term success and sustainability</li> </ul> <p><i>MA proposed that we extend an invitation to Jason Economidis to join a Committee meeting</i></p> <p><b><u>Dendrobium Mining Approvals Update</u></b></p> <p><b>Subsidence Management Plan (SMP) for Longwall 16:</b></p> <ul style="list-style-type: none"> <li>• Illawarra Coal submitted an SMP to the Department of Planning and Environment (DoPE) for Longwall 16 in November 2017. It included recent changes to the mine plan which were previously discussed with the DCCC, such as the shortening of the Longwall to include a 300m buffer from the Dam.</li> <li>• Submission on the SMP have been provided to the DoPE from Government Agencies and other special interest groups. Illawarra Coal is developing a detailed response to these submissions</li> <li>• As background, Illawarra Coal sought approval of Longwalls 14-18 in July 2015. The (DoPE) granted approval of Longwall 14 and 15 December 2016 and, requested a specific SMP be provided for Longwall 16.</li> </ul> <p><i>Request from PD wanting to know what the areas for concern were.</i></p>

### Longwall Progress Update

BA advised the next Longwall change out is expected in end of the first week in April 2018

- Longwall 13 has extracted approximately 1745 metres with 466 remaining (as at January 2018)
- Conditions have improved
- Reviewed performance with YTD 2M Tonnes with a prediction of 4M Tonnes for 2018

### General Update – Environment

MG advised no non-compliance for environmental monitoring

- An average of 6.5ML of Groundwater pumped out each day which is a decrease from December

### **Impacts – Longwall 13:**

- Since last DCCC there have been two surface impacts, 3 DO triggers and 2 EC triggers.
- Wongawilli Creek – awaiting specialist report.
- FR6 is being watched closely
- Remediation for W3-21 unsure of progress. MG to check on rehabilitation plan

### **Surface Impacts:**

- Since last DCCC there has been 1 level 1, 1 level 2 and 1 level 3
- WC21\_Pool 45, Impact DA3B\_LW13\_017 diagram showed the length of the crack as did DA3B\_LW13\_016 which was found 08/01/2018

*Request from PD wanting to know where the salt is coming from*

### **Wongawilli Creek: DA3B\_LW13\_015:**

- Previously obscured fracture identified in Pool 43a. Impact to the pool previously reported Impact DA3B\_LW13\_015
- Implemented additional monitoring, water level loggers; waiting for specialist report

### **Dendrobium Area 3B Swamp 13 Piezometers**

- No swamp was undermined since the August meeting
- LW 13 passed piezometer 13\_01 in Swamp 13 located at a horizontal distance of 300 m from the longwall edge
- There was no recorded impact of LW13 on groundwater in the piezometer 13\_01, i.e borehole had already been dry in Feb 17 (more than 7 months before it was mined under) and the rate of recession has not increased

Swamp 14 Reference Piezometers show water levels are showing very similar behaviour to that in Swamp 13, i.e. instant response of water level to rainfall events, followed by reduction during dry periods

**Community Update**

**Community Complaints:**

ABI advised that 4 complaints had been received since the last meeting:

- December – 0 complaints received
- January – 4 complaints received.

One complaint regarding noise from a generator at the pit top which was being used temporarily, one complaint concerning overgrown grass between private property and the rail corridor which was subsequently slashed, one complaint regarding alleged speeding trucks travelling to and from the mine, and one complaint in relation to a detour that was enforced as part of a project to replace a power pole on Amaroo Avenue

**DCEC**

- ABI advised Bill Whittings resigned from the DCEC. The DCEC is now looking for new members, noting members must meet the Terms of Reference and reside in the local area.
- ABI advised the DCEC resolved to not approve an application from Mount Kembla Public School and Conservation Volunteers Australia for a Kitchen Garden based on concern regarding costs associated and previous projects involving Conservation Volunteers Australia.

**Illawarra Coal supported community events:**

- ABI advised Illawarra Coal employees gave generously to the annual Illawarra Coal Christmas Giving Tree. All presents and money donated was given to the Salvation Army to pass to those in need.
- ABI advised 3 Illawarra Coal female employees joined the UOW STEM Camp for Girls. All 3 were speakers at the University of Wollongong event held at the Mines Rescue Station.

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**GENERAL BUSINESS**

**Changes to Freight providers:**

- ABI advised Illawarra Coal implemented changes to transport of goods and services to site on 1 January, with Linfox assuming responsibility for general and freight repairs. This change will minimise our impact to communities surrounding our operations with fewer truck movements to and from site.
- T&G Kelly's Couriers will continue to provide heavy haulage transport requirements, as the company has comprehensive experience and local knowledge in this important area of our business.

**Power pole relocation:**

ABI advised Illawarra Coal successfully replaced an old steel power structure with a wooden pole on Amaroo Avenue earlier this year. Numerous internal and external stakeholders were

involved in coordinating the project, including residents, local government, underground operations and third party contractors.

**DCCC/IC CCC site visit:**

- Committee determined the site visit to the West Cliff Emplacement Area will be on Tuesday 24 April, 230 -4pm.

**Meeting dates for 2018:**

- **Committee agreed to the below meeting dates for 2018.**
  - 19 April
  - 21 June
  - 16 August
  - 18 October
  - 13 December
- **Meeting dates for the Working Group**
  - 15 March
  - 17 May
  - 19 July
  - 20 September
  - 22 November

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**QUESTIONS ON NOTICE – TRACKER**

Please see the responses below to the questions on notice.

**Questions on Notice**

Swamp 23 piezometer appears to have flat lined of late – what is the reason for this?

*The flat lining on the bottom of the graphs is due to the water table in the swamp sediment dropping below the sensor and exposing it to air. If you look at the previous similar periods where it has done this since 2015 you can see that large rainfall events re-saturate the swamp sediments and the water level spikes back up before slowly declining again. While this flat lining/drying is common following mining at impact sites, it can also happen at control/reference sites, depending on variables of the borehole e.g. sediment type, borehole depth, location within the swamp, the swamp's location on the plateau (distance from the escarpment).*

Does Illawarra Coal believe that the new legislation in NSW known as the Environmental Planning and Assessment Amendment 2017 will have any substantive effect to the operation and management of Dendrobium Mine?

*For Illawarra Coal the key changes relate to: The Planning Assessment Commission, which will now be known as the Independent Planning Commission and will no longer perform duplicative review*

	<p>functions. The Government is closing off the transitional arrangements for former Part 3A projects. All future modifications to these projects will be assessed under the State significant development or State significant infrastructure pathways. For further information on the changes, please visit the following link: <a href="http://www.planning.nsw.gov.au/Policy-and-Legislation/Under-review-and-new-Policy-and-Legislation/Legislative-Updates-to-the-Environmental-Planning-and-Assessment-Act">http://www.planning.nsw.gov.au/Policy-and-Legislation/Under-review-and-new-Policy-and-Legislation/Legislative-Updates-to-the-Environmental-Planning-and-Assessment-Act</a></p>
10	<b>ACTIONS</b>
	<ul style="list-style-type: none"> <li>MG reported Southern Habitat have been engaged to tackle the South end of the core shed and Stones Road fire trail for Mysore treatment. They will maintain a long-term management plan. ABe asked about the longevity of the program with MG to report back to the Committee at the next meeting.</li> </ul>
	<b>MEETING CLOSE / NEXT MEETING</b>
	<p><b>Meeting close:</b> 7.35 pm</p> <p><b>Next Meeting:</b> 15 March 2018, 6.00pm at the Dendrobium Conference Room, Dendrobium Mine (Working Group Meeting).</p>