

ATTACHMENT 5



Russell Vale Colliery

Community Consultative Committee Meeting
29 November 2017

Russell Vale Colliery

CCC Meeting – 29 November 2017

AGENDA

- 1 Welcome and Introductions
 - 2 Apologies
 - 3 Declaration of Interests
 - 4 Endorsement of Minutes and Correspondence from Previous Meeting
 - 5 Matters Arising from Previous Meeting
 - 6 Company Report and Overview of Activities
 - 6.1 Company Overview
 - 6.2 Environmental Management Overview
 - 6.3 Approvals Overview
 - 7 Community Issues
 - 8 General Business
 - 9 Next Meeting
-

1 Welcome & Introductions

- Kerry Mudge – Group Environmental and Approvals Manager
- Warwick Lidbury – Mine Manager, Russell Vale Colliery

2 Apologies

3 Declaration of Interests

3.1 Code of Conduct Agreement

3.2 Declaration of Pecuniary and Non-Pecuniary Interests

4 Endorsement of Minutes & Correspondence from Previous Meeting

- The last meeting was held on 6 June 2017.
- A member e-mail was received on 28 June 2017 requesting amendments to the minutes. These are to be endorsed at tonight's meeting.

5 Matters Arising from Previous Meeting

Item No.	Action Required	Responsibility	Deadline	Action Completed
5.1	Follow-up compliance information and provide update to the committee (from 6.2.2).	WCL		3 truck noise complaints; 2 water incidents.
5.2	Check on capacity for extension of emplacement area (from 6.2.2)	WCC		
5.3	Confirm the percentage of pillars to roadways and the percentage of recovery (from 6.3).	Umwelt		To be finalised.
5.4	Have there been longwalls under Cataract (from 6.3)?	WCL		Answer is yes, longwalling has occurred under Cataract Dam.
5.5	Provide information into the standards used to measure dust pollution (from 6.3).	WCL		Various Australian Standards , Guidelines and Approved Methods.

6 Company Report & Overview of Activities

6.1 Company Overview

6.2 Environmental Management Overview

6.3 Approvals Overview

6.1 Company Overview

- Mat Campbell to provide update.
- Russell Vale Colliery is currently on care and maintenance.
- Update on environmental team.

6.2 Environmental Management

6.2.1 Air Quality

- No incidents / complaints during the reporting period

6.2 Environmental Management (cont'd)

6.2.2 Biodiversity & Heritage

- No incidents / complaints during the reporting period

6.2 Environmental Management (cont'd)

6.2.3 Chemical / Hydrocarbons

- No incidents / complaints during the reporting period

6.2 Environmental Management (cont'd)

6.2.4 Non-Mineral Waste

- No incidents / complaints during the reporting period

6.2 Environmental Management (cont'd)

6.2.5 Noise

- No incidents / complaints during the reporting period

6.2 Environmental Management (cont'd)

6.2.6 Mineral Waste

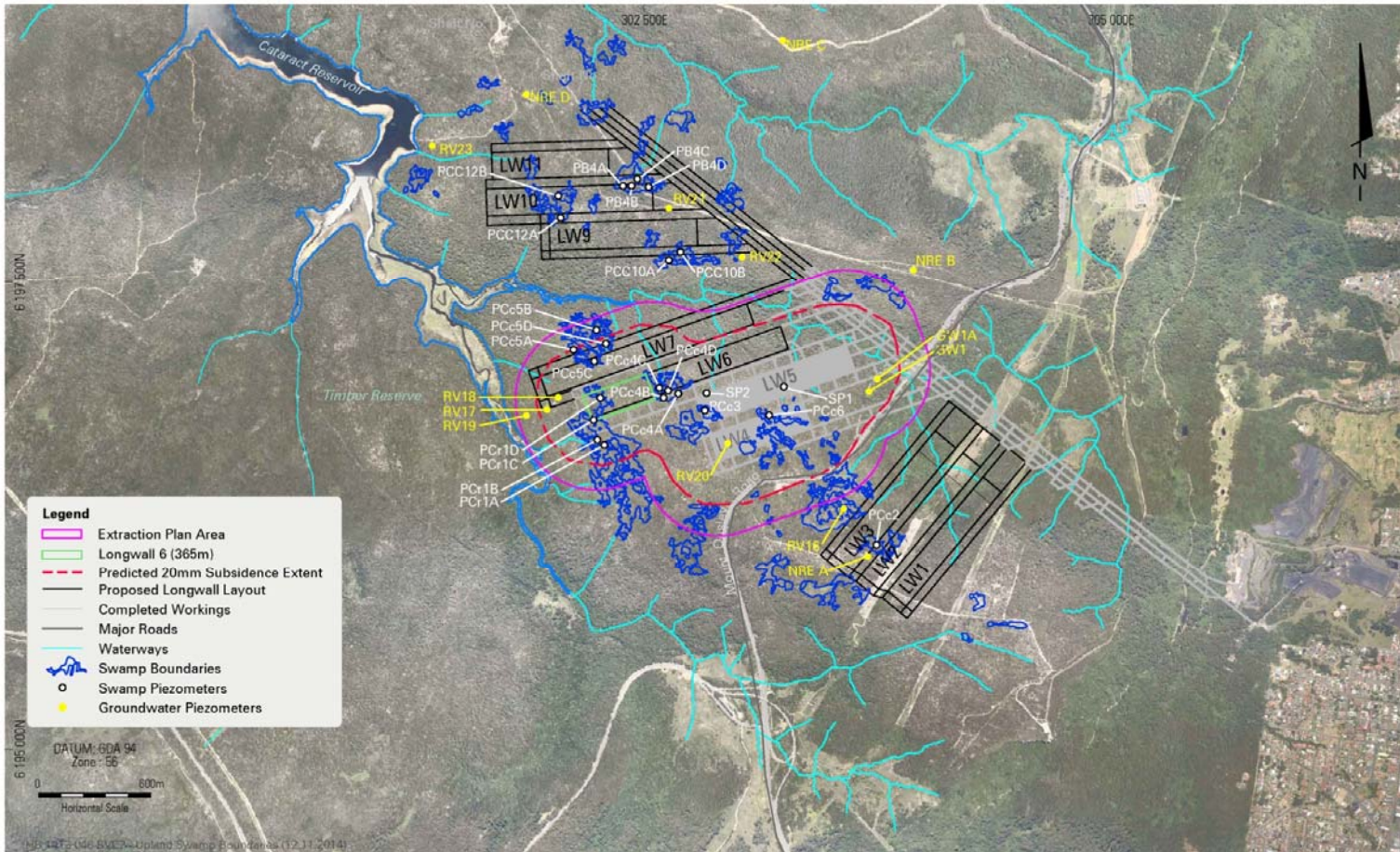
- No incidents / complaints during the reporting period
- Coal Recovery Proposal - Russell Vale Emplacement Area
 - Opportunity to remedy the alleged breach of Schedule 2, Condition 2 of the Project Approval;
 - Consultation with the Department of Planning and Environment and Wollongong City Council;
 - Next Steps - Environmental Assessments and Community Consultation.

6.2 Environmental Management (cont'd)

6.2.7 Groundwater

- Potential Level 2 Trigger at PCr1C - CRUS1 upland swamp
 - Consultation with relevant stakeholders (i.e. DoE, DPE, WNSW)
 - Further investigation is being undertaken
 - Ecological monitoring around PCr1C to be established
- The extraction of Longwall 6 (340 m) has not resulted in an exceedance of performance measures set for watercourses, reservoirs and upland swamps
- No surface impacts or environmental consequences such as surface cracking or vegetation changes have yet been observed

PCr1C



6.2 Environmental Management (cont'd)

6.2.8 Surface Water

- No incidents / complaints during the reporting period
- Penalty Notices – Environmental Protection Authority
 - Incident occurred 15 November 2016
- Pollution Reduction Program 8
 - Coagulant dosing system installed upstream from the storm water catchment dam;
 - Inspection and remediation of defects within Bellambi Creek pipeline;
 - Developing a long term Bellambi Creek pipeline rehabilitation strategy.

6.3 Audits / Reports

✓ Independent Environmental Audit	-	November 2016
✓ Annual Return	-	July 2017
✓ NPI	-	October 2017
✓ NGER	-	October 2017
▪ Annual Review	-	November 2017
▪ Annual Report	-	November 2017
▪ Annual Review site visit	-	Q1 2018

6.4 Approvals Overview

Underground Expansion Project

- Focus on Wongawilli Colliery;
- Umwelt preparing a response to the second hearing of the PAC.

Bellambi Creek Flood Study

- Modification to the Project Approval
- Amendment to the DPE Order relating to Bellambi Creek realignment

Bellambi Creek Flood Study



Mitigation measures

1. Raise stockpile area access road, install new culvert and formalise open channel;
2. Debris control structures at the 1800mm pipe inlet and M3 Culvert;
3. Formalisation of the 600mm clean stormwater pipe;
4. Maintenance to existing structures; and
5. Upgrade through roads.

Bellambi Creek Flood Study



Current Flood Modelling:

- Scenario: Blocked pipeline
 - 20 %
 - 70%
 - 100%

Bellambi Creek Flood Study



- Predicted

Bellambi Creek Flood Study

"The Commission is satisfied that the issue raised in the First Review Report has been adequately addressed and supports, if the project were to be approved, the inclusion of a condition of consent that requires the implementation of flood mitigation measures recommended in the Cardno 2015 Report within 12 months of the date of approval."

Russell Vale Colliery Underground Expansion Project PAC Second Review Report

7 Community Issues

- Unauthorized access / damage at the Russell Vale Colliery
 - Damage to fencing;
 - Illegal dumping of rubbish;
 - Surveillance cameras in use and evidence sent to police and regulators.

General Business

Next Meeting

- Suggested date is Wednesday, 7 March 2018.



MINUTES

Meeting No. 20
Russell Vale Colliery Community Consultative Committee
Wednesday, 29 November 2017

Held at Russell Vale Golf Club, Hicks Street, Russell Vale

ATTENDANCE	
NAME	ROLE
Committee Members	
Col Gellatly (CG)	Chair
Robyn Crowe (RC)	Community Representative
Alison Edwards (AE)	Community Representative
Gavin Workman (GW)	Community Representative
Ann Young (AY)	Community Representative
Ron Zwicker (RZ)	Wollongong City Council
Mat Campbell (MC)	Community Relations & Corporate HR Manager – WCL
Kerry Mudge (KM)	Group Environment & Approvals Manager – WCL
Guests	
Warwick Lidbury (WL)	Mining Manager – Russell Vale Colliery – WCL
Chris Schultz (CS)	NSW Department of Planning & Environment
Apologies	
Nil.	

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1. Welcome and Introductions	NOTES
<p>1.1 The chair welcomed the guests in attendance tonight.</p> <p>1.2 The meeting was declared open at 5.07 pm.</p>	
2. Apologies	
<p>2.1 As per attendance table.</p>	
3. Declaration of Interests	
<p>3.1 A code of conduct agreement and a declaration of pecuniary and non-pecuniary interests form were made available for those members who were yet to complete their forms.</p> <p>3.2 Col Gellatly: is remunerated by the company as chair of this committee.</p> <p>3.3 Robyn Crowe: Russell Vale Golf Club is used by WCL for its staff meetings.</p>	
4. Endorsement of Minutes and Correspondence from Previous Meeting	
<p>4.1 A member e-mail was received on 28 June 2017 requesting amendments to the minutes of the previous meeting which was held on 6 June 2017.</p> <p>RC: Her understanding of Umwelt's presentation was that GW asked questions and they were to be followed up and would be added to the minutes. She is not aware if these questions by GW were answered and forwarded by Umwelt to be added to the minutes and presentation.</p> <p>4.2 GW stated that the minutes do not reflect the meeting and he requested the use of an independent minute-taker.</p> <p>RC felt the request to be unfair and questioned GW on the changes.</p> <p>GW stated that Umwelt gave a presentation at the last meeting and that significant issues such as the coal washery, that there is no longer any ROM coal and that WCL is applying for a modification to remove the Bellambi Creek realignment were not reflected in the minutes.</p> <p>KM thought that the Umwelt presentation was appended.</p> <p>GW requested the minutes to include any presentation given.</p> <p>Further discussion took place, including whether the information from Umwelt was commercial-in-confidence.</p> <p>AY sees no value in having an independent minute-taker - it has not been the case at any other CCC – and concurs that any presentation</p>	

<p>should be appended to the minutes unless it is agreed to be commercial-in-confidence.</p> <p>CG advised that the independent chairperson is responsible for the preparation of the minutes and that he/she has the option to employ a minute-taker but he is satisfied with the status quo.</p> <p>It was resolved that a PDF of any presentation viewed by the committee or a link to it will be attached to future minutes.</p> <p>4.3 The amendments requested by GW were approved and the minutes of the meeting held on 6 June 2017 were endorsed.</p>	
<p>5. Matters Arising from Previous Meeting</p>	
<p>5.1 Follow-up compliance information and provide update to the committee. (For MC from 6.2.2) KM advised that the noise issues related to use of exhaust brakes along Bellambi Lane and Memorial Drive; the water issues relate to the pollution event of coal fines entering Bellambi Creek.</p> <p>5.2 Check on capacity for extension of emplacement area. (For RZ from 6.2.2) RZ: Based on WCL's landform plans submitted to Wollongong City Council (WCC), the landform is +/- 2 metres. There is little room for additional capacity – the height is at the finished level. WCL will need to talk to WCC about its proposal. GW questioned whether the two metres includes the 4-metre high stockpile. RZ does not believe that it does and agreed with GW that it is now possibly at its maximum height.</p> <p>5.3 Confirm the percentage of pillars to roadways and the percentage of recovery. (For Umwelt from 6.3) MC: This is to be finalised.</p> <p>5.4 Are there longwalls further down under Cataract? (For MC from 6.3) MC: Yes, longwall mining has occurred under Cataract Dam. GW believes there were 14.</p> <p>5.5 Provide information into the standards used to measure dust pollution. (For MC from 6.3) KM: Various Australian Standards, guidelines and approved methods are used. All monitoring stations are built to Australian standards. GW said that the environmental plan on the emplacement area does not include the air quality monitoring requirements. RZ: It is still under the Environment Protection Authority's EPL (Environment Protection Licence). GW: The EPL only applies to WCL's coal licence area and the EPA would state that WCL's land is outside the lease area. RZ confirmed that is the case.</p>	

6. Company Reports and Overview of Activities	
6.1 Company Overview	
<p>MC reported that Russell Vale Colliery is still on care and maintenance.</p> <p>He reported on changes in the environment team with the recruitment of Kerry Mudge as the Environment and Approvals Manager covering both sites and the recruitment of John Ross as the Environment Manager for Wongawilli Colliery.</p>	
6.2 Environmental Management	
<p>6.2.1 Air Quality</p> <ul style="list-style-type: none"> No incidents/complaints during the reporting period. <p>6.2.2 Biodiversity & Heritage</p> <ul style="list-style-type: none"> No incidents/complaints during the reporting period. <p>6.2.3 Chemical/Hydrocarbons</p> <ul style="list-style-type: none"> No incidents/complaints during the reporting period. <p>6.2.4 Non-mineral Waste</p> <ul style="list-style-type: none"> No incidents/complaints during the reporting period. <p>6.2.5 Noise</p> <ul style="list-style-type: none"> No incidents/complaints during the reporting period. <p>6.2.6 Mineral Waste</p> <ul style="list-style-type: none"> No incidents/complaints during the reporting period. Coal Recovery Proposal – Russell Vale Emplacement Area <ul style="list-style-type: none"> Opportunity to remedy the alleged breach of Schedule 2, Condition 2 of the Project Approval. Consultation with the Department of Planning and Environment (DPE) and WCC. Next steps: environmental assessments and community consultation. KM: As a way to remedy the breach, WCL is removing 200,000 tonnes of coal from the emplacement area. It will be processed through a coal screening/crushing machine and will be sold as a poor-quality coal product. WCL is in early stages of discussion with WCC and DPE. KM estimates the time-frame of the work to be between four to six months and will operate under current project approvals. <p>GW questioned the percentage of coal. KM advised that he is waiting on lab analysis. GW said the CCC was previously told that it was 10% coal and it was not oversized. KM advised it is high-ash thermal coal.</p> <p>GW questioned whether WCL is requesting a modification to the conditions as WCL was only permitted to take 30,000 tonnes off the site. KM stated that options are currently being explored and that WCL is likely to receive an order from the DPE which would allow for the removal under planning approval.</p> <p>AE queried whether the crushing process was dusty. KM explained that a coal screening and crushing unit will be used and that dust suppressants will be in place. WCL is working on a mining methodology that will place a barrier between the mine and the community for the majority of the works.</p>	

<p>WCL is confident that it can manage the dust and noise.</p> <p>6.2.7 Groundwater</p> <ul style="list-style-type: none"> • No incidents/complaints during the reporting period. • Potential Level 2 trigger at PCr1C – CRUS1 upland swamp. <ul style="list-style-type: none"> ○ Consultation with relevant stakeholders (i.e. DoE, DPE, WNSW). ○ Further investigation is being undertaken. ○ Ecological monitoring around PCr1C to be established. • The extraction of Longwall 6 (340 m) has not resulted in an exceedance of performance measures set for water courses, reservoirs and upland swamps. • No surface impacts or environmental consequences such as surface cracking or vegetation changes have yet been observed. • KM and AY walked to the site of the Level 2 trigger today. Piezometer is located on the corner pillar of the longwall. All relevant bodies have been informed. The data is difficult to interpret. The next step is to obtain a third-party report for a second opinion. • GW asked about the end-of-panel report. KM advised that the information, termed ‘annual report’ is now provided within the annual review. <p>6.2.8 Surface Water</p> <ul style="list-style-type: none"> • No incidents/complaints during the reporting period. • Penalty Notices – Environment Protection Authority <ul style="list-style-type: none"> ○ Incident occurred 15 November 2016. • Pollution Reduction Program 8 <ul style="list-style-type: none"> ○ Coagulant dosing system installed upstream from the storm water catchment dam. ○ Inspection and remediation of defects within Bellambi Creek pipeline. ○ Developing a long-term Bellambi Creek pipeline rehabilitation strategy, due in December. • AY queried whether aluminium is included in the monitoring of the licenced discharge point. KM believes it is but will provide confirmation. • GW suggested the installation of a squid at the bottom of the pipe as he noticed plastic bottles and other rubbish there. KM advised that given the minimal personnel at Russell Vale, the majority of rubbish more likely from other sources (i.e. Princes Highway). • GW asked whether the real-time monitoring could be real-time rather than buffered as he would like to be able to inspect the creek at the appropriate times. KM will advise on this. 	<p>ACTION 6.2.8 (a): KM to ascertain whether aluminium is monitored in the licensed discharge point.</p> <p>ACTION 6.2.8 (b): KM to report on the buffering aspect of the real-time monitoring information provided on the website.</p>
<p>6.3 Audits and Reports</p>	
<ul style="list-style-type: none"> ✓ Independent Environmental Audit - November 2016 ✓ Annual Return - July 2017 ✓ NPI (National Pollutant Inventory) - October 2017 ✓ NGER (National Greenhouse Energy Reporting) - October 2017 • Annual Review - November 2017 • Annual Report - November 2017 • Annual Review site visit - Q1 2018 	

6.4 Approvals Overview	
<p>Underground Expansion Project</p> <ul style="list-style-type: none"> Focus on Wongawilli Colliery. Umwelt preparing a response to the second hearing of the PAC. <p>Bellambi Creek Flood Study</p> <ul style="list-style-type: none"> Modification to the Project Approval. Amendment to the DPE order relating to Bellambi Creek realignment. <ul style="list-style-type: none"> From the Russell Vale Colliery Underground Expansion Project PAC Second Review Report: <i>“The Commission is satisfied that the issue raised in the First Review Report has been adequately addressed and supports, if the project were to be approved, the inclusion of a condition of consent that requires the implementation of flood mitigation measures recommended in the Cardno 2015 Report within 12 months of the date of approval.”</i> GW: Regarding Wongawilli, he was under the impression from information received from Peter Turner that it is proposed to remove the roadways. WL advised that is not the case. The area was originally approved as longwall blocks but is not being mined with the longwall method. KM provided commentary on the maps within tonight’s presentation. GW asked how far advanced is WCL with Bellambi Creek. KM advised that WCL wrote to DPE on 24.11.17 to advise that the matter would be raised at tonight’s CCC meeting. The application is yet to be submitted. GW stated that he disagrees with the proposal and he requests WCL to realign Bellambi Creek. He claims it has been shown that the creek will continue to be polluted – it will stop flooding but not pollution. 	
7. Community Issues	
<ol style="list-style-type: none"> From WCL: Unauthorised access/damage at the Russell Vale Colliery, including damage to fencing and the illegal dumping of rubbish. Surveillance cameras in use and evidence sent to police and regulators. AE recently inspected a property for sale in West Street and noticed it had an unlocked gate in the fence on WCL’s boundary. She feels the company should review access points. KM agreed and will review the issue. GW questioned where the emplacement area stands in terms of compliance. RZ advised that landform plans have been lodged and are at the compliance stage. It will be reassessed against the current proposal for the coal recovery project. He has requested written confirmation from WCL that the water spraying is automated. He will visit on a windy day to inspect. GW questioned the matter of WCL’s requirement to pay a security bond. RZ said it is currently with WCC’s lawyers. <p>GW asked whether it can be assumed that the time-frame for the UEP has been pushed out by six to eight months. KM said WCL is still working on it. The CCC will be the first to know about it.</p> <p>GW is concerned that WCL is proposing to do first workings as he feels there will</p>	<p>ACTION 7.1: KM to review access points on the mine’s boundaries.</p>

<p>be another application later on for coal extraction. He believes this is a furphy for pillar extraction.</p> <p>GW asked about community members being included in the CCC and catchment visits. CG: Under the current guidelines, members are to be appointed by the DPE. Should there be another presentation such as that by Umwelt, community members would be invited.</p> <p>GW would like community members or their proxies (for those physically unable to take part) included in the catchment visit. KM advised that it is only open to CCC members. RC agreed with KM and said that it would be an insurance issue.</p> <p>CS: His reason for attending tonight is to hear feedback on the Bellambi Creek realignment issue.</p> <p>AE said it is five years since the realignment should have been completed and claims that those in the area who were likely to be affected are disenchanted. The condition has not been met as the mine is trying to get out of it. It gives people very little belief that the conditions of the approval have any meaning at all.</p> <p>KM said the company is trying to expedite the process.</p> <p>GW said the DPE wrote in reply to the two PAC meetings that it is not worried about the infrastructure because it will be covered by the conditions; he does not have any faith in the DPE.</p> <p>RC took objection and questioned GW about the bottle of dirty water that he takes to public protests. She has not received a reply from GW as to where he obtained the sample. The golf course is built on coal and that is why there is coal in the water sample.</p>	
<p>8. General Business</p>	
<ul style="list-style-type: none"> CG extended congratulations to Ann Young who has launched a book entitled <i>Upland Swamps in the Sydney Region</i>. Ann said she has been researching the project for over 30 years. <p>Tabled documents:</p> <ul style="list-style-type: none"> Minutes of the Russell Vale Community Consultative Committee meeting held on 6 June 2017. WCL's Powerpoint presentation from tonight's CCC meeting. This is also to be appended to tonight's minutes. 	
<p>9. Next Meeting</p>	
<p>The next meeting is scheduled for Wednesday, 21 March 2018 at 5.00 pm at the Russell Vale Golf Club.</p> <p>The meeting closed at 6.15 pm.</p>	

Ends