

14 September 2021

Attention: The Secretary  
The NSW Department of Planning, Industry & Environment  
GPO Box 39  
SYDNEY NSW 2001

Dear Secretary

**RE: CADIA COMMUNITY CONSULTATIVE COMMITTEE ANNUAL REPORT (2021)**

In accordance with The Department of Planning, Industry & Environment's Community Consultative Committee Guidelines applicable to State significant projects, please find enclosed Newcrest Limited' Cadia Valley Operations Community Consultative Committee' 2021 Annual Report.

Should you have any further queries regarding this matter, please do not hesitate to contact me on 0412 160 200.

Yours sincerely,



**David Johnson**

Independent Chair– Cadia Valley Operations Community Consultative Committee  
Email: johnsons08@iinet.net.au

*Enclosed*

1. *Cadia Valley Operations Community Consultative Committee Annual Report (2021)*



# **CADIA VALLEY OPERATIONS COMMUNITY CONSULTATIVE COMMITTEE ANNUAL REPORT 2020/2021**

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# 1. BACKGROUND

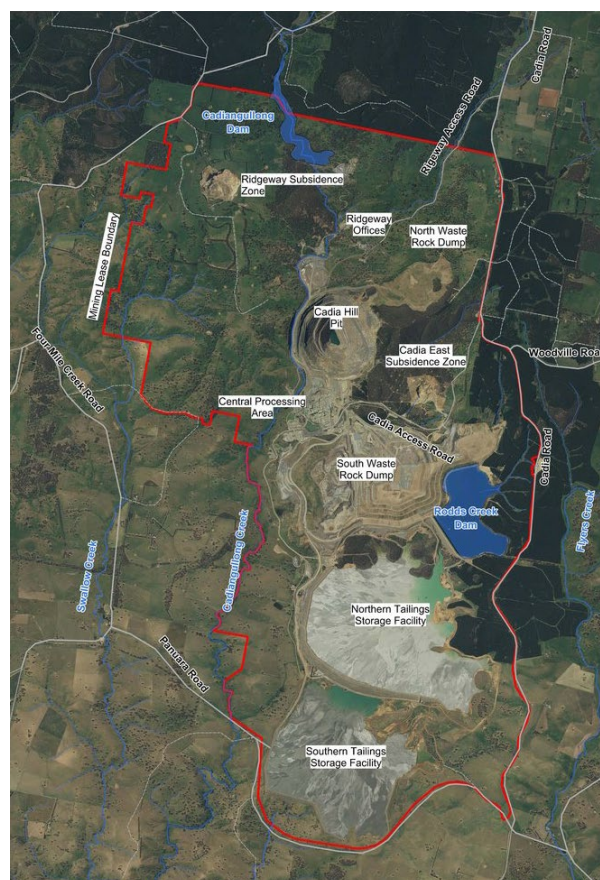


Cadia Valley Operations (Cadia) is one of Australia's largest gold mining operations and is 100 per cent owned by Newcrest Mining Ltd. It is located approximately 25 kilometers from the city of Orange in Central West New South Wales (see Figure 1).

Cadia comprises two mines - the Cadia East underground panel cave mine which commenced commercial production on 1 January 2013 and the Ridgeway underground mine (currently under care and maintenance). The previously mined Cadia Hill open pit is now utilised for tailings deposition and is referred to as the Pit Tailings Storage Facility (PTSF).

	<b>Ownership:</b> 100% Newcrest
	<b>Metals:</b> gold and copper
	<b>Location:</b> 25 kilometres from Orange, New South Wales

At Cadia, Newcrest produces gold doré from a gravity circuit and gold-rich copper concentrates from a flotation circuit. Gold doré from Cadia is refined in Australia and concentrates are piped to a dewatering plant at nearby Blayney and sent by rail to Port Kembla in New South Wales for export mainly to Eastern Asia.



**Figure 1: Aerial view of Cadia's operations and Mining Lease (red Line)**



Additional information about Cadia's operations is available at:

<https://www.newcrest.com/our-assets/cadia>

## 2. CADIA COMMUNITY CONSULTATIVE COMMITTEE

The NSW Department of Planning, Industry and Environment (DPIE) is committed to ensuring project proponents and project owners engage with the community and stakeholder groups on State significant projects. It recognises that community stakeholders should have a say in matters that affect their lives, and that community engagement results in better planning outcomes. State significant projects are large, complex and can have major economic, social and environmental benefits and impacts over a long period. The Department encourages proponents to consult widely with the community and stakeholder groups at all stages of the project.

The purpose of a community consultative committee (CCC) is to provide a forum for discussion between the proponent and representatives of the community, stakeholder groups and the local councils on issues directly relating to a specific state significant project.

As a condition of the Cadia East Project development consent, Newcrest established the Cadia Community Consultative Committee (Cadia CCC) in 1998. The Cadia CCC is an advisory committee which is required to operate in general accordance with the Community Consultative Committee Guidelines for State Significant Projects (NSW Department of Planning, Industry and Environment, January 2019).

In accordance with the guideline, the Cadia CCC comprises an Independent Chair and appropriate representation from the community, Local Councils and Cadia.

## 3. MEMBERS OF THE CADIA CCC

The Cadia CCC is comprised of 12 members, namely:

- An Independent Chairperson, appointed by DPIE (1 Member);
- One Community Member from each of the Blayney, Cabonne and Orange Local Government Areas, and who permanently reside in those LGAs (3 Members);
- One Community Member from each of the Forest Reefs/Flyers Creek and Errowanbang/Burnt Yards districts, and who permanently reside in those areas (2 Members).
- One Member from each of the Local Councils, namely Cabonne Shire Council, Orange City Council and Blayney Shire Council (3 Members).
- Three Members from Cadia, including the person with direct managerial responsibility for environmental management, the person with direct managerial responsibility for community relations and the general manager (3 Members).

Members of relevant government agencies or other individuals, including community members, may be invited or request to attend meetings.

The 2020/21 Cadia CCC Members are listed in Table 1. Community Members are publicised in the Cadia District Community Newsletter (Newsletter) and on the Cadia Valley Operations website ([cadiavalley.com.au](http://cadiavalley.com.au)).

**Table 1: Cadia CCC Members as of 30 June 2021**

<b>Cadia CCC Member:</b>	<b>Member for:</b>	<b>Period:</b>
David Johnson	Independent Chair	Full period
Heather Nicholls	Cabonne Shire Council	Full period
Mark Dicker	Blayney Shire Council	Full period
David Waddell	Orange City Council	Full period
Chris Baker	Blayney LGA Community	Full period
Graham Brown	Orange LGA Community	Full period
Geoff Knox	Errowanbang Community	Full period
Kim Masters	Flyers Creek Community	Full period
Bob Meyenn	Cabonne Landholder	Full period
Aaron Brannigan Cadia, General Manager	Cadia	Full period
Merrilyn Tinsley Cadia, Manager – Health, Safety, Environment & Social Responsibility (HSESR)	Cadia environmental management	July to November
Jane Chung Cadia, Superintendent Community Relations and Approvals	Cadia community relations	July to November
Vicki Hood Cadia, Superintendent - Environment	Cadia environmental management	December to June
Bridgette Byrne Cadia Valley Operations, Manager – People and Social Performance	Cadia community relations	December to June

If a Member is unable to attend a meeting, they are able to nominate an alternative member to attend.

## 4. ATTENDANCE BY NON-COMMITTEE MEMBERS

Non-committee Members are welcomed to attend meetings, subject to the endorsement of the Independent Chair.

Cadia frequently has Non-committee Members attend the meeting to present on their area of speciality or responsibility.

## 5. CADIA CCC MEETINGS

### 5.1. MEETINGS

The Cadia CCC holds meetings quarterly on the second Monday of each month, namely August, November, February and May.

Meeting held in 2020/21 were:

1. 10 August 2020 (Video Conference)
2. 10 November 2020
3. 8 February 2021
4. 10 May 2021

### 5.2. MEETING MINUTES

Meeting minutes are prepared for each meeting. All meeting minutes are made available to the public via the Cadia Valley Operations website ([cadiavalley.com.au](http://cadiavalley.com.au)). Once each Cadia CCC Member has had the opportunity to review the minutes, the document is uploaded as a draft set of minutes. After the minutes have been ratified at the following quarter's meeting the minutes are uploaded as final (see Figure 2).



**Figure 2: Cadia CCC Webpage via [cadiavalley.com.au](http://cadiavalley.com.au)**

Minutes of the meeting conducted during the reporting period are attached as Appendix 1.

## 6. MEETING ATTENDANCE

The 2020/21 Cadia CCC Members attendance is detailed in Table 2.

**Table 2: Cadia CCC Member Attendance in 2020/21**

<b>Cadia CCC Members</b>	<b>Number of Meetings Attended</b>	<b>Percentage of Meetings Attended</b>
Independent Chair	4/4	100%
Cabonne Shire Council	3/4	75%
Blayney Shire Council	3/4	75%
Orange City Council	3/4	75%
Blayney LGA Community	3/4	75%
Orange LGA Community	4/4	100%
Cabonne LGA Community	4/4	100%
Forest Reefs/Flyers Creek district Community	4/4	100%
Errowanbang/Burnt Yards district Community	2/4	50%
Cadia – community	4/4	100%
Cadia - Environment	3/4	75%
Cadia – General Manager	4/4	100%

## 7. LOCATION OF MEETINGS

Meetings are normally held at Central NSW Business HQ's facility in Orange, located at 1/34 Sale Street, Orange. The August 2020 meeting was by video-conference.

## 8. CONDUCT OF MEMBERS

Cadia CCC Members have followed the code of conduct, submitted a declaration of pecuniary and non-pecuniary interests and adhered to the constitution. No breach of requirements has been identified or reported. The declaration of pecuniary and non-pecuniary interests is also a standing agenda item.

## 9. CADIA CCC TRAINING

Cadia CCC members may seek funding or other assistance from Cadia to develop the skills necessary to further develop their capacity as a CCC Member. Examples may include training or skills development in:

- Facilitation or mediation;



- Communication and conflict resolution;
- Best practice environmental management and community relations.

Cadia CCC Members are invited to undertake a site tour upon their commencement to familiarise themselves with the operations and understand how Cadia operates. In addition, Cadia CCC Members can request an inspection or site tour at any time.

## 10. CADIA CCC FUNDING AND REMUNERATION

Community and Council Members on the Cadia CCC are not remunerated or receive any funding or payment.

The Independent Chair is remunerated in-line with DPIE's CCC Guidelines.

Cadia's Members and Non-committee Members that attend are remunerated under their individual standing employment contract.

## 11. RESPONSIBILITIES OF THE PROPONENT

Cadia provides the Cadia CCC with timely, accurate and comprehensive reports, including Newcrest and Cadia operational updates, status of projects, environmental performance, project approvals and community relations.

Cadia provides copies of approvals, reports and other relevant documents via the Cadia Valley Operations website and hardcopies of the Newcrest Sustainability Report and the Cadia Annual Environmental Management Report.

## 12. COMMUNICATION WITH THE COMMUNITY

The Cadia CCC discusses operational information and members are encouraged to share information with their local stakeholders. Cadia CCC members bring questions or concerns from their constituents to meetings to be addressed.

Since the 10<sup>th</sup> September 2020, Cadia has commenced sending community notifications prior to meetings to advise community members of upcoming meetings and to request that any issues or concerns be brought forward to Community Members for tabling at the meeting.

Cadia has also commenced sending community notifications after the meetings to advise members of the local community when the Draft Minutes are uploaded to the CVO website.

Additionally:

- Cadia publishes a regular newsletter which is distributed to residents who reside near the mining operations or who live further away but have expressed an interest in Cadia's operations and future developments. The newsletter is also published on the Cadia Valley Operations website for access by the public.
- Residents meetings are held approximately every 4-6 month to provide operational updates and open forums for questions, answers and discussions between representatives of Cadia's senior leadership team and the community.
- Project specific community consultation meetings are held regarding upcoming modifications, approvals and projects.

## 13. APPENDICES

### **Appendix 1:** Meeting Minutes for 2020/21

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



<b>Title</b>	Cadia Community Consultative Committee Meeting	
<b>Meeting Date &amp; Time</b>	10 <sup>th</sup> May2021 @ 6:00 PM	
<b>Chairperson</b>	David Johnson Independent Chairperson	
<b>Meeting Attendees</b>	Aaron Brannigan	General Manager, Cadia
	Bridgette Byrne	Manager, People & Social Performance, Cadia
	Jane Chung	Superintendent, Approvals, Cadia
	Matt Armstrong	Superintendent, Social Performance, Cadia
	Vicki Hood	Superintendent, Environment, Cadia
	Mark Hodges	Orange City Council Representative
	Graham Brown	Landowner Representative for Orange City Council LGA
	Kim Masters	Landowner Representative -Forest Reefs / Flyers Creek District
	Bob Meyenn	Landowner for Cabonne Shire Council LGA
	Heather Nicholls	Cabonne Shire Council Representative
	Chris Baker	Landowner Representative – Blayney Shire Council LGA
	Mark Dicker	Blayney Shire Council Representative
<b>Apologies</b>	Geoff Knox	Landholder Representative – Errowanbang District
	David Waddell	Orange City Council Representative
<b>Venue</b>	BizHQ Meeting Room, Sale St Orange NSW	
<b>Next Meeting</b>	Monday, 9 <sup>th</sup> Aug 2021 @ 6:00PM	

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



David Johnson opened the meeting at 6:04PM and welcomed all attendees.

## Acknowledgement of Country

David Johnson delivered an Acknowledgement of Country

## Meeting Welcome and introductions

Apologies for the meeting tendered for Geoff Knox

## Safety shares

Graham Brown – Reminder to ensure stock gates are shut on farms. Important to prevent stock getting out on the road and potentially causing accidents.

NSW RFS Fire App – the app allows people to respond to events close to them, rather than relying on dispatch who are located in Sydney.

## Minutes of Previous Meeting

Minutes accepted by all.

#	Action	Who	Due By	Status
1	Cadia to confirm that the area of interest as a potential site for a future tailings storage facility is fully located within the Rodd Creek catchment. <i>April Meeting Update – Still waiting for drilling results to be finalised.</i>  <i>JC – still assessing different site options.</i> <i>AB – have 8 different options to choose from.</i> <i>JC – looking at various areas and capacities, main work completed to date is the drilling.</i>	Jane C	20/12/20	In Progress
2	Vicki Hood to explain why 'estimate' figures are used and send through electronic version graphs to Mark.  Completed by Nic B.	Vicki H	28/02/21	Complete



# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## Welcome and introductions

**Action – Chris Baker to sign declaration of interest form.**

## Production and Site Update – Aaron Brannigan

Aaron Brannigan provided an update on Production and Site.

### Aaron Brannigan

March quarter results – as per slide information, highlighting the All In Sustaining Cost (AISC) is \$ - 160 / oz for Cadia.

A screenshot of a presentation slide titled 'Production Highlights' from Newcrest Mining. The slide is divided into two main sections: 'March Quarter Results' and 'Cadia'. Under 'March Quarter Results', it lists: Gold production of 512koz<sup>1</sup>, Copper production of 35kt, Newcrest All-In Sustaining Cost - \$891 per ounce<sup>1</sup> (gold), and On Track to deliver FY21 guidance. Under 'Cadia', it lists: Gold production of 179.5koz, Copper production of 26.3kt, and Cadia records lowest ever reported quarterly All-In Sustaining cost (AISC) of negative \$160/oz. A small footnote at the bottom explains the AISC calculation and provides a link for more information. The Newcrest logo is in the top right corner of the slide.

**Production Highlights**

**March Quarter Results:**

Newcrest

- Gold production of 512koz<sup>1</sup>.
- Copper production of 35kt.
- Newcrest All-In Sustaining Cost - \$891 per ounce<sup>1</sup> (gold).
- On Track to deliver FY21 guidance

Cadia

- Gold production of 179.5koz
- Copper production of 26.3kt
- Cadia records lowest ever reported quarterly All-In Sustaining cost (AISC) of negative \$160/oz

1. Includes 3koz and an estimated reduction of \$6/oz based on Newcrest's 32% attributable share of Fruta del Norte. The AISC estimate was derived by taking the mid-point of London Gold's CY21 AISC guidance of \$775-\$800/oz (released 18 March 2021). For the purposes of AISC, Newcrest has assumed that production is equal to sales. Newcrest will update its March quarter AISC outcome in June once the outcomes for Fruta del Norte's March quarter are known.

For additional information on Newcrest's Quarterly results see: [https://www.newcrest.com/investor-centre/results-reports/report\\_type=6](https://www.newcrest.com/investor-centre/results-reports/report_type=6)

### Chris Baker

Are there any plans to use some rock from earlier workings in Cadia pit that is in the waste dumps, as it had a high copper grade?

### Aaron Brannigan

Unsure, the gold and copper is associated in the ore, the rock in the waste dumps is still unlikely to be used. We look at the equivalent gold grade of the copper as a whole package.

### Bob Meyenn

If Cadia is producing large amounts of copper, where else is there more gold?

### Aaron Brannigan

Cadia produces gold, copper and silver and soon to be Molybdenum, this is how our AISC is so low.

### Bob Meyenn

But do Newcrest's other mines have the same amount of copper? Meaning that they aren't able to offset their running costs.

### Aaron Brannigan

Newcrest's operations are all gold producing, with a range of other metals depending on the mine. Cadia is a low-cost producer. If you look at Telfer for example, it is not as efficient as Cadia due to the way the ore is mined. We are 'operational expenditure' efficient due to the mining method, we do not need to blast to mine. Instead, we open up the mine, panel caves, and let gravity do its work, whereas most mines drill and blast.

# MINUTES

## Cadia Valley Operations

### Community Consultative Committee

### Happenings On Site

**COVID 19 – Operational Response**

- Cadia's operations continue to remain largely unimpacted by COVID 19.
- Cadia has had no positive cases.
- Cadia is reducing its COVID 19 controls in-line with the reduced risk.

**COVID 19 Community Support Fund**


- \$1.4M committed to date.
- \$924,000 spent, with \$630,000 of the funds focussed on supporting local businesses.

**Cadia Maintenance Shutdown**

- A large shutdown on Concentrator One was undertaken from 24th March to 2nd April.
- A range of other maintenance projects were also undertaken at the time.
- Approximately 500 'shut' workers attended site.
- All works were completed without a RT and on-time.

**Newcrest's 30<sup>th</sup> Birthday**

- On 19<sup>th</sup> April Newcrest celebrated its 30<sup>th</sup> Birthday.
- On site we celebrated with some very early morning cake!



### Aaron Brannigan

Cadia still remains unimpacted by COVID -19.

Recent Con 1 shut down is now complete, with over 500 workers onsite. This was the first time in a long time that a shutdown was completed without a single recordable injury. It was a very good effort.

## Exploration

### Exploration

**Randall's Prospect**


- Exploration drilling on the Cadia owned Woodville property was completed.
- The program of work was completed with no incidents and in consultation with near neighbours.
- Results are being reviewed by the Exploration team.

**Rehabilitation of Historic Drill Sites**

- Newcrest, as a current Exploration Licence (EL) holder, is responsible for the undertaking rehabilitation audits and remediation of historic drill sites within its ELs.
- The program of work was paused due to COVID 19 but has now recommenced in the areas of Forest Reefs, Burnt Yards and Charleville.

**Soil Sampling**

- Exploration Soil Sampling was conducted on properties south of the Belubula River during late spring and summer 2020. These samples have been sent for analysis and the results will be reviewed over the coming months.
- Further soil sampling to the north of the Belubula River will be considered late 2021.



Exploration Drilling on the Randall's Project

### Aaron Brannigan

As the current exploration holder, we inherit responsibility for undertaking rehabilitation of the area for older exploration works.

# MINUTES

Cadia Valley Operations

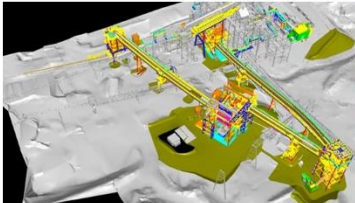
Community Consultative Committee

## Cadia Expansion Project (CXP)

### PROJECT: Cadia Expansion Project (CXP) – Stage 1

#### Update

- Design 100% complete.
- Procurement 100% complete – equipment progressively arriving.
- Civils over 50% complete (all piling complete).
- Construction contracts awarded and contractors on site / started.
- Shutdowns tie ins progressing to plan.
- Major works commence in June.
- UG also same status and awaiting chambers.



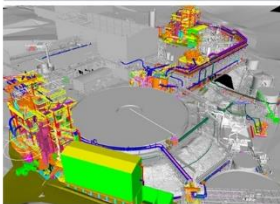
Con 1 Crushing – CV-2026 GTU

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### PROJECT: Cadia Expansion Project (CXP) – Stage 2

#### Update

- Design now > 50%.
- Procurement nearing completion and first equipment already arriving on site.
- Civil construction commenced (piling at Con 2 near thickener).
- SMP (Mechanical) and E&I (electrical & instrumentation) construction out to tender.
- Early shutdown tie ins to start next shuts.



Now replacement cyclone cluster being lifted into the Con2 building by 900 T crane, during Jan 21 shutdown

Aaron Brannigan:

CXP – Stage 1, have completed tie in / commissioning works this week.

CXP – Stage 2, as per slide.

# MINUTES


Cadia Valley Operations  
Community Consultative Committee

## Moly Plant

**PROJECT: The Moly Plant**

**Update**

- Construction is progressing well with zero LTI's since works commenced in February 2020.
- Primary Civil Works are complete, and the SMP&I works, which commenced in August 2020, has all structural steel erected and the majority of the mechanical equipment installed.
- The Main Switchroom was permanently energised on HV power in early January 2021.
- Newcrest commenced commissioning of its Molybdenum Plant in March 2021 with first commercial production expected in the September 2021 quarter.
- The Project remains within budget and despite the challenges faced during 2020, we remain on target to be complete ahead of the Project sanction date.



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### Aaron Brannigan:

Progressing well with zero loss time injuries (LTI's).

As per slide, basically in dry commissioning at the moment, will start wet commissioning in June / July 21.

Regardless of COVID-19, the project is doing quite well on a scheduling front.

### David Johnson

The price of Moly, is it continuing to rise?

### Aaron Brannigan

Currently, we produce over 100,000 tonnes of copper, we would be producing a couple thousand tonnes of Moly. Will be bagging it and selling from there.

### Graham Brown

Current price of Moly \$11.59 per pound.

### Kim Masters

Moly is of powder form?

### Aaron Brannigan

Moly gets floated off and taken to its own dewatering facility. This will then be bagged and transported by truck.

### Chris Baker

Will this go down to Blayney to be moved by rail?

### Aaron Brannigan

Unsure at this stage, it depends on who we're selling the product to. Moly gets used in a large variety of products.



# MINUTES


Cadia Valley Operations  
Community Consultative Committee

## Moly Plant Entry Road

**PROJECT: Moly Plant Entry Road**

**Update**

- Civil construction of the Entry Road to Moly Plant is progressing well with zero LTI's since works commenced in Sept 20.
- Road Pavement placement is reaching final levels later in April 21, with bitumen placement scheduled for late May 21.
- The final road is scheduled to be line marked, signed and ready for opening by late June 21.



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### Aaron Brannigan

Also progressing well with 0 LTI's. Starting to place bitumen, this should be completed by the end of FY21.

### Graham Brown

Will construction of the Moly plant cause a loop road to Woodville Road to Cadia Road?

### Jane Chung

No. From previous meetings last year, we don't expect to a road realignment for another couple of years.

### Kim Masters

Will there be an access control point at the gate entry?

### Matthew Armstrong

The road will be only used for the Moly Plant, it will not replace the current Ridgeway access road / access point.

### Aaron Brannigan

The Moly Plant road is about 80 metres long, so there is enough space for an access control house if we need to turn this route into the new site access route, to ensure that traffic doesn't back up on the public road. The Moly plant will have gates.

## Vent Rise (VR) 14 Construction

**PROJECT: Vent Rise 14 - Construction**

**NEW PROJECT**

- In June 2021, Cadia is preparing to commence construction of a new air vent that will draw fresh air down and into the underground mining operation areas.
- Subsidence (which is a normal outcome of the Panel Caving mining method utilised at Cadia) has been modelled as impacting on an existing fresh air ventilation shaft over the coming years.
- Construction of new vent encompasses two shafts.
- The shafts will be constructed using the Raise Bore method which entails an initial narrow bore hole being drilled from the surface, 855m to the underground mining operation. On the surface a boring shaft will then be lowered into the underground area and a Raise Bore drilling head attached. The Raise Bore drilling head is then drawn up to the surface, boring out the 4.5m wide shaft.
- The project is scheduled for completion August 2022.
- Near neighbours have been consulted and a factsheet used to communicate the detail of the project.
- Due to the nature of the Raise Bore construction method, the construction of the ventilation shafts will be a 24 hour operation.
- There will be noise generated by the construction activity, however, all works will be monitored and must comply with Cadia Cumulative Noise Criteria under the Cadia East Project Approval.
- Traffic will be exiting and entering from Cadia Road - a reduced speed zone will be introduced.

**Location**  
Figures 1 & 2 shows the construction site on Cadia Rd - south of the Woodville Rd intersection and north of the quarry.




Figure 1 (above): Red circle marks the construction site.




Figure 2 (left): Red star marks the construction site.

Chris Baker

Subsidence, is it progressing as predicted?

Aaron Brannigan

It is on track, Cadia re-runs the modelling each year and updates its plans. VR14 sits in just off Cadia Road, actual subsidence is North of where the vent rises are. This is why we have looped around.

Chris Baker

I can view the subsidence from my residence, it doesn't look like 2 years is enough?

Aaron Brannigan

PC2/3 panel cave is currently being built, the vent rise you can see on the surface area are not for PC2/3. PC2/3 won't break the surface, you won't see any vertical subsidence, it'll be horizontal delamination to VR14. The only cave that goes to surface is PC1 which is what can be seen now.

Work for VR14 has commenced, this VR is to be a fresh air intake only. Work is scheduled to be completed by end of FY22.

Graham Brown

Raised concern about the construction of raise bores on Tunbridge Wells [historical], it can be a noisy process, drill hole down, add in drill casings, then attach 6–8-foot diameter to draw rock up to surface. All engine noise / work is on the surface.

Aaron Brannigan

It was around this time, when Nick De Bruin passed away. Holes will be about 855 metres long.

Jane Chung

The project has to comply with our Cumulative Noise criteria.

# MINUTES

Cadia Valley Operations

Community Consultative Committee

## PTSF Tailings Deposition

**PROJECT: PTSF Tailings Deposition**

- All tailings are currently directed to the Pit Tailings Storage Facility (PTSF).
- The tailings decant pond level is currently at 542.7mAHD which represents 32% of the approved storage capacity. Cadia is approved to deposit tailings to 713mAHD level.
- There is approximately 10,325 ML of water stored over the deposited tailings.
- Two monitoring bores have been constructed in the pit (MB94 and MB96) to monitor groundwater levels and chemistry adjacent to the pit. Seven additional monitoring bores have recently been constructed outside of the pit to monitor groundwater levels as the pit tailings and water level rises.
- Design work to plug the ventilation adit in the pit have commenced



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Aaron Brannigan

Still ongoing, no new changes, about 10 Megalitres approx. sitting in the pit tails dam.

Chris Baker

How current are these photos?

Aaron Brannigan

Not too far off current, you can see the Adit.

## Drilling Activities

**PROJECT – Drilling Activities**

**Drilling Activities to the South of the Southern Tailings Storage Facility**

- Cadia Valley Operations (CVO) has completed the drilling program to the South East of the Southern Tailings Storage Facility (STSF).
- The site investigations form part of studies that are examining the feasibility of constructing a new Tailings Storage Facility.
- 32 Holes and 11 core holes were converted to monitoring bores for ongoing data collection.
- Geotechnical & Exploration reports have been prepared and are currently being reviewed by the relevant JV Partners & Stakeholders.
- A soil sampling program has been completed. Results of this program are pending.

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As per slide.


# MINUTES

## Cadia Valley Operations

### Community Consultative Committee

## Dust

### Dust Management - Update



**NTSF**


- The hydro-mulch dust suppressant has continued to perform well.
- The use of hay bales to slow water along drainage lines and prevent channelling is being trialled.
- An array of air quality monitors have been set up on the surface as an early warning monitoring system to trigger re-application.

**STSF**

- The periods of high rainfall through February and March rapidly degraded the polymer dust suppressant coverage across a number of areas on the STSF surface.
- Dust lift-off from the STSF resulted in 6 community complaints in February, 6 in March and 2 complaints in April.
- Working in tandem, Erizon's two tractor rigs and Cadia's Panther were able to re-establish coverage by early April.
- Erizon are still on-track to complete hydro-mulch coverage on the STSF in June 2021 (subject to weather).

**EPA**

- On 30 March, EPA personnel visited Cadia to inspect the TSFs following receipt of a nuisance dust complaint.
- The meeting was positive, EPA acknowledged that they understood the challenges of dealing with such a large area and the recent rainfall events.
- EPA identified several areas for improvement in relation to monitoring activities.



One of Erizon's tractor rigs applying hydro-mulch on the STSF.

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### Aaron Brannigan

Northern Tailings Storage Facility (NTSF) has been completed for a while now. We are trialling the use of hay bales at the moment to prevent further deepening of channels and prevent dust lift off from these areas.

Also have an array of air quality monitors on the surface as well.

Southern Tailings Storage Facility (STSF) is going well, having said that with rain in Feb / Mar it did cause significant damage to polymer dust suppressant. Dust suppressant products have since been reapplied.

EPA came to site. – they acknowledged and understood challenge of covering approximately 850 ha of area and rainfall events. Yet to receive written a response.

## Project Modifications and Approvals Update – Jane Chung

### Modification 14

### Modification 14 Update



**Modification 14 Scope includes:**

- increase processing rate from 32 Million tonnes per annum (Mtpa) to 35 Mtpa,
- repair the slumped section of the Northern Tailings Storage Facility (NTSF) to allow recommencement of tailings deposition,
- alter design of TSF embankment lifts to achieve the approved deposition volumes,
- continue pre-conditioning of the Cadia East overburden (to assist with subsidence management), and
- construct and operate a Sodium Hydrosulphide Solutioning Plant.



Cadia Modification 14  
Processing Rate Modification  
Modification Report

19

As per slide.

### Jane Chung

The pre-conditioning trial was successful, and the practice will be continued.

Construction of a Hydrosulphide Solutioning Plant is to support the Moly Plant.

Cadia provided information to community members concerned about the NaSH plant, regarding a facility within 900 metres of residences, to show safe production and how communities will remain unimpacted.



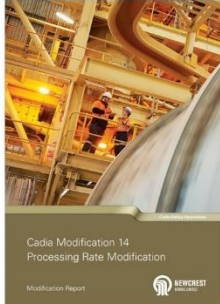
# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## Modification 14 Submissions

### Modification 14 Status

- Exhibition period from 21 January to 19 February 2021.
- DPIE collated and provided submissions to Cadia.
- 3 additional stakeholder meetings held since 4 February 2021.
- Submissions Report completed and lodged with DPIE on 29<sup>th</sup> March 2021.



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### Jane Chung

Received 43 submissions in total.

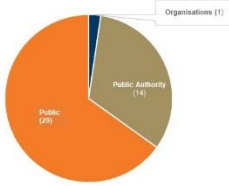
With regard to biodiversity offsets, the main areas of concern are around paddock trees and the classification around the tree (depending on trees / ages / habitat species). A review of the offset calculations will be conducted as per recommendations by the regulator.

## Modification 14 Key Aspects Raised

### Modification 14 Submissions Summary

Total of 43 submissions received on the Modification:

- Three from local council (Blayney Shire, Cabonne and Orange City Councils),
- 11 from NSW Government agencies,
- One from an organisation, and
- 29 from members of the community.



21

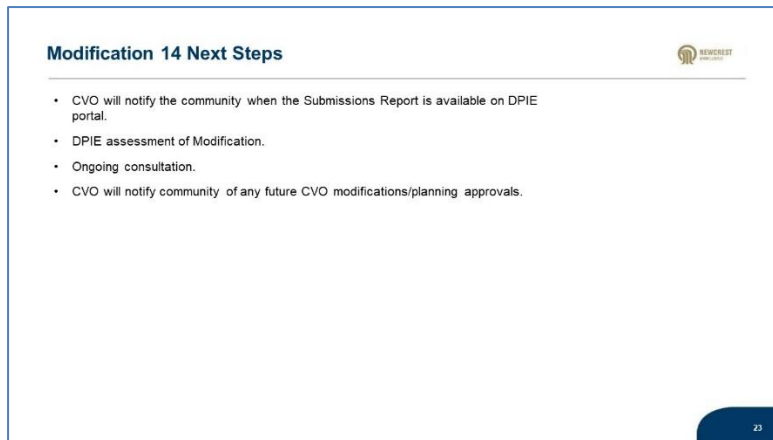
### Modification 14 Key Aspects Raised

- Key aspects raised by members of the community included:
  - Air quality emissions and mitigation measures:
    - Dust emissions following NTSF slump,
    - Potential emissions due to TSF extensions.
  - NTSF encapsulation (e.g. proposed design methodology, ability to repair and continue with remaining wall lifts),
  - Surface water:
    - Changes to water demand, reliability and supply,
    - Potential impacts to stream flow (e.g. Flyers Creek,)
  - Other amenity impacts (e.g. noise, night-lighting, traffic, visual).

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As per slide.

## Response to Submissions



### Jane Chung

The Response to Submission document is available on the major projects portal.

People who were registered against the project through the major projects portal were instantly notified. Unfortunately, DPIE did not notify Cadia at the time. This has been communicated to DPIE. They will notify Cadia in the future when documents become available to the public to enable Cadia to notify stakeholders.

Mod 14 is now with DPIE to make a determination.

We have made a commitment with local stakeholders that Cadia will notify them of any documents relating to our operations that become available to the public through DPIE website.

### David Johnston

What were the various cause for objectives?

### Jane Chung

Objections presented a variety of concerns including dust, ability to repair NTSF, stability of final landforms NAHS plant (odour), surface water use including Flyers Creek All concerns were reviewed in a presentation on 23/03/2021. Issues raised in the meeting on 23/03/2021 were responded to at another meeting on 27/03/2021.

### Chris Baker

There's more concern around what an increase in process rate does to the current issues.

### Kim Masters

Was there a breakdown of the locations of the stakeholders that made a submission?

### Jane Chung

A lot of submissions came from Errowanbang area, a lot of anonymous responses, Goulburn, Northern Territory and Northern Sydney.

IPC (Independent Planning commissioning) – is not triggered anymore for modification processes.

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## Chris Baker

Coming from communities' point of view, a lot of the community members in the district get a little bit jaded about writing a submission and don't bother. Resulting in not many people objecting, due to time constraints.

## Mark Hodges

Don't completely agree, we constantly receive updates and stakeholder meeting notifications. There is an increase in community consultation and safety in the last 2 years.

## Aaron Brannigan

At end of the day, Cadia would prefer to over communicate than under communicate.

## Matthew Armstrong

Cadia wants people to be informed and receive and respond to all concerns and complaints.

## Chris Baker

Used to contact and complain, however calling doesn't seem to change anything.


## Kim Masters

I think there will be an increase in complaints from noise and traffic works with the new works progressing.

## Environment Update – Vicki Hood

### Incidents

#### Environmental Performance (January – March 2021)



##### Reportable Incidents

An uncontrolled water discharge occurred from a burst water pipeline to Cadiangullong Creek. Approximately 4 ML of water was discharged over 2 days from 19-21 January. The pipeline was used to transfer water from Rodds Creek Dam to the Ridgeway mine fire water tank. The water in the pipe was predominantly fresh water that had been pumped from rivers and creeks into Rodds Creek Dam over most of 2020.

Cadia immediately isolated the burst pipe and sampled the water in Cadiangullong Creek and Belubula River for the following 7 days. The results indicated that the water quality of the creek was not impacted by the discharge.

The EPA was notified in accordance with Cadia's Pollution Incident Response Management Plan (PIRMP) and EPA attended the site to inspect the area on 28 January 2021. An incident investigation report and all water monitoring results were provided to the EPA.

##### Attended Noise

- Attended noise monitoring was conducted in early April by Advitech. Results will be available for the next meeting.

##### Unattended Noise (Cadia Noise Trailer)

- Noise monitoring was conducted at five properties surrounding Cadia mine during January – March 2021. No mine noise related exceedances were identified during this period.
- Traffic noise monitoring was conducted at 440 Cadia road during March. Review of monitoring results indicate traffic noise levels did exceed the criteria on several occasions. Advitech performed attended monitoring at the site in April and are currently preparing a report detailing noise mitigation options for the property.

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## Vicki Hood

There was 1 reportable incident – a burst water pipe which released 4ML of water into Cadiangullong Creek over two days. As per slide 25.

The environment team ran testing right down to the Belubula River, results found no impact. EPA also visited site, but we are yet to receive a response. During the inspection, EPA appeared satisfied with the response from Cadia.

## Chris Baker

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



Is there any historical water testing on Belubula river that we can compare with today?

Jane Chung

We would have completed background monitoring but will have to get back to Chris with an answer.

**Action Vicki Hood: Investigate what historical water testing data Cadia has for the Belubula river.**

Vicki Hood

The testing did go upstream to compare water quality both sides of where the creek meets the river, results showed no impact.

Kim Masters

Mike Retallack did mention there was cyanide or arsenic in the Belubula River?

Aaron Brannigan

We don't use cyanide on site, never have. Old mines in the catchment may be the contributing factor here.

Bob Meyenn

Why was the pipeline closed?

Vicki Hood

The pipeline wasn't in use.

Aaron Brannigan

It was a pipe we used in drought to get water to the fire tanks at Ridgeway. In hindsight, it could have been decommissioned completely but wasn't.

## Noise Exceedances

As per slide 25 (above).

## Blasting

Blasting has not taken place.

## Air Quality

No exceedances – the EPA did come out on 31<sup>st</sup> of March following dust complaints, but not for an air quality exceedance.

## Water

No exceedances.

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## Graham Brown

In relation to rehab onsite, can be an old roadway / waste rock area, be used again with repair of tailings dam?

## Vicki Hood

This is regulated by Resource Regulator, so out of our control.

## Kim Masters

What about the rehab at old mine site at Blayney?

## Vicki Hood

Blayney is our legacy site; we will still be responsible for maintaining the area for fire hazard.

## Jane Chung

We will need to refer back to the report, initially rehab would be for plants first and then look at longer term management plan which will include bushfire management.

Note Jane reviewed the DA whilst at the meeting and communicated to Graham Brown that there was a reference to fire management as part of the ongoing management to the old copper mine.

## Tailings Dust Assessment

### Tailings Dust Assessment Project – Update

- The Tailings dust environmental health assessment was concluded in early 2021 and a Community Factsheet released in late April 2021. Results from the study will be presented at a Cadia District Resident's meeting on 24 May 2021.
- Monitoring and assessments were conducted over a 15-month period, which included that assessment of tailings, dust samples, tank drinking water samples and dam water samples.
- Serinus Health Safety and Environment, the specialist engaged to peer review the program of work and assessment reports, concluded, "Based on the data and information available from the Project to date, and the current measured ambient dust levels, there is no evidence to suggest that dust from the CVO tailings storage facilities or emissions from the mine ventilation system pose a health risk to the community."
- Key findings included:
  - The tailings can be classified as non-hazardous in all categories under the UN's Globally Harmonised System of Classification and Labelling of Chemicals (GHS) & the European Commission 2008 Regulation (EC) No. 1272/2008.
  - 35 metals were tested for in the Tailings and none were found in concentrations that cause adverse health effects based on International Agency for Research on Cancer (IARC) standards.
  - Air quality sampling for metals and silica were below applicable community health guidelines (Vic & Qld, no applicable NSW guideline).
  - Monitoring of PM2.5 particulate matter at community sites, indicated airborne concentrations were below the relevant ambient air quality guideline.
  - Tank Drinking Water testing results are below Australian Drinking Water Guidelines.
  - All water sources from the farm dams met the Australian livestock watering guidelines, and
  - Dust suppressant chemicals used to coat the surface of the tailings dam are classified as non-hazardous under the GHS.

As per slide.

## Matthew Armstrong

Key findings were all below guideline criteria. Cadia also tested 18 – 20 community water tanks, again the results were all within the Australian Drinking Guidelines. Testing also included e-coli readings, with 4 or 5 results coming back quite high. Community members were informed accordingly. E.coli is not related to mine site activities.

Also tested the dust suppressant solution, this also returned back as non-hazardous.

## Mark Hodges

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



Did the individual tank holders get all the results?

Matthew Armstrong

Results were provided and compared against the relevant water quality guidelines.

Matthew Armstrong

In 2019, Cadia arranged to install first flush systems for community members.

Graham Brown

Is it something we can look at bringing into CDEP program for next FY22?

Matthew Armstrong

Yes, please raise this at the next CDEP AGM meeting.

Graham Brown

The Residents' meeting scheduled for the 24<sup>th</sup> of May; will information be available for those who cannot attend?

Matthew Armstrong

Yes, all packs minutes etc will be put on the website and a notification emailed.

## Site Water Balance

**Site Water Balance**

Water

- Cadia currently has an estimated 23,000 ML of water stored on site as of end of March 2021.
- Cadia's total water storage has increased over the past 3 months due to high runoff into Cadiangullong Dam and pumping from the Belubula River.
- Cadiangullong dam storage has increased to 69% and Rodds Creek Dam is at 58%. A further 10,325 ML is stored in the Cadia Hill Pit.
- The Belubula River has flowed well during March and Cadia has extracted water under the Uncontrolled Flow Events approved by DPIE-Water, this extraction does not come from Carcoar Dam releases.
- Some pumping from Flyers Creek also occurred in March during high flow periods.

As per slide 29.

Water Storage & Extraction		
Storage (FYTD March 2021)	Storage (ML)	Percentage
Cadiangullong Dam	2,899	69%
URC Dam	8,479	58%
Pit	~10,325 (estimated)	
Total	~23,000 (estimated)	Incl 893 ML Cadia Extended+500 ML on TSFs
	FY21 YTD Extraction (ML)	Entitlement (ML)
Cadiangullong Dam Extraction	4,296	
Flyers Creek	798	
Cadia Creek	710	
Runoff (Copper Gully Creek & Rodds Creek)	421 (estimate)	4,200 (8,400 incl carryover)
Cadiangullong Total	6,226 (estimate)	
Water Extraction (FYTD Dec 2020)	FY21 YTD Extraction (ML)	Licence Share (ML)
Belubula General Security	1,196 Uncontrolled Flow Account	4080
Belubula Supplementary	3,125	3,125
Lachlan Fold Belt Groundwater (bores)	32.5	371
Lachlan F.B. Groundwater (mine dewatering)	387 (estimate)	931
Orange Basalt Groundwater (mine dewatering)	41 (estimate)	286
Orange Town Effluent	1,654	N/A



# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## Chris Baker

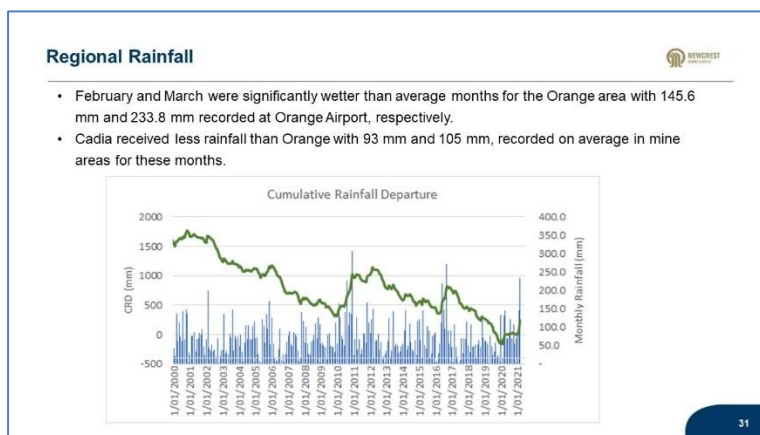
Even with the carryover, Cadiangullong Dam extraction is 4,200 ML all together?

## Jane Chung

This is the total for the catchment yes, not a lot of groundwater being extracted either, these stats are YTD.

We are using uncontrolled flows events in the Belubula rather requesting water orders from Carcoar Dam. This can be stored in the pit.

## Regional Rainfall



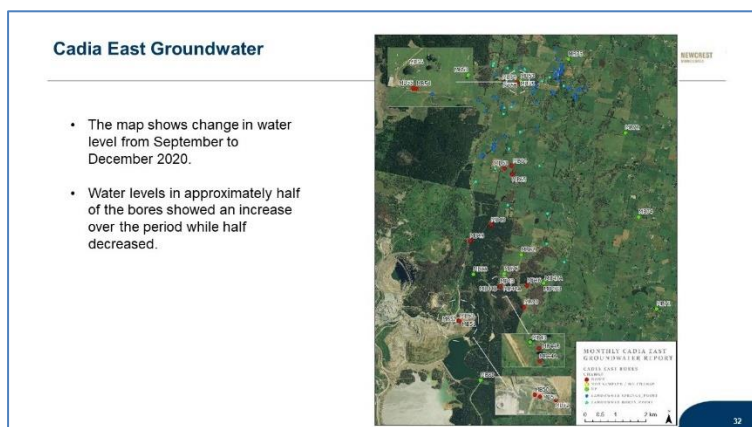
## Graham Crown

Where do you record rainwater?

## Vicki Hood

Rainwater is recorded onsite at 2 different locations.

## Cadia East Groundwater



## Vicki Hood

Results show that half of the monitors have increased, and the other half decreased.

## Chris Baker

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



Is there any reason for the decrease in the monitoring bores?

Vicki Hood

We're unsure of what the reason is, or if we can determine why.

**Action – Vicki Hood to follow up with Cadia's Nicolas Bourget, Environmental Specialist – Water, for reason in drop.**

**Action – Nicolas Bourget increase size of diagram for monitoring bores in future.**

Vicki Hood

In the past we have brought in a consultant to review the information and then make public at end of the year. Instead, we are going to start reporting on this quarterly.

Private bores (turquoise green) mean private bore – no change in level, shows how monitoring bores are travelling in relation to privately own bores on properties.

## Social Performance Update – Matt Armstrong

### Accommodation Strategy

A screenshot of a presentation slide titled 'Cadia Community Activities'. The slide has a blue header with the title and a Newcrest Mining Limited logo. Below the title, the section 'Accommodation Strategy:' is followed by a bulleted list of six points. The slide is numbered '34' in the bottom right corner.

**Cadia Community Activities**

**Accommodation Strategy:**

- Due to the success of our partnership with Orange360, Cadia is currently expanding its accommodation strategy to incorporate all accommodation requirements.
- Cadia workers (employees and contractors) that requires accommodation will book through Orange360, ensuring that the economic benefits are distributed across Orange, Blayney and Cabonne accommodation providers.
- The expanded accommodation strategy allows Cadia to strengthen its collaborative approach with the tourism industry to ensure Cadia's accommodation demand minimises the risk of impacting regional tourism and continues to encourage people to visit the region.
- An example of Cadia's approach is that the dates for the recent April shut were changed due to limited bed availability for a Council run touch football competition.
- Cadia has met with accommodation providers and the feedback has been positive, with most businesses indicating they are very interested in being part of the Strategy (a small proportion would prefer a strong focus on tourism business).

As per slide 34.

People can register their accommodation through Orange360 for bookings.

### Orchard Garden Blitz

# MINUTES

## Cadia Valley Operations

### Community Consultative Committee

#### Orchard Garden Blitz

- Newcrest's Cadia Valley Operations (Cadia) has continued its support of Housing Plus' Domestic Violence Crisis Centre conducting a Garden Blitz to create a community garden space within the facility.
- A team of 30 Cadia employees volunteered to overhaul a section of the Centre, creating a tranquil garden space featuring an Indigenous yarning circle and raised vegetable garden for the residents to enjoy.
- Cadia engaged with the Orange Aboriginal Land Council to design the Indigenous garden and yarning circle. The yarning circle is incorporated into the body of a platypus, with three paths representing the three rivers which forms Wiradjuri Country, the land in which the garden is built on.
- A planting day is planned for later this year when the Cadia team will return to plant additional trees and shrubs, along with indigenous plants in the head and tail of the platypus



Back: Housing Plus Project Director, Justin Canale, Penny Dorday, Head of Community Services, David Fisher, CEO, Newcrest's Kyle Harris and Andrew Nelson. Front: Newcrest's Martin Mann and Adrian La Faro

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As per slide 35.

## Community Support Fund (CSF)

#### Newcrest Community Support Fund

Newcrest's Community Support Fund (CSF) has provided funding towards several initiatives to support the local community through the impacts of COVID-19.

Committed Projects - \$455,000:

- \$355,000 - Fundraising Beyond the Curve (expressions of interest closed 30 April, applications close 14 May)
- \$100,000 - Gotcha4Life Program (community workshops commenced in late April)

Completed projects - \$963,000:

- \$500,000 - Business Beyond the Curve,
- \$150,000 - Shop Orange initiative,
- \$75,000 - Fit-out of The Orchard domestic violence facility,
- \$149,000 - Computer equipment for immune-compromised children (Orange, Blayney & Cabonne schools),
- \$32,000 - Face mask 'Fit Test' machine for Orange Health Service,
- \$57,000 - Freestanding hand sanitiser dispensers.



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As per slide 36.

## Community Partnerships Program (CPP)

#### Community Partnership Funding – FY21

FY21 donations to date (not including Newcrest's CSF)  
total \$505,000 (spent or committed)

Recent major donations included:

- \$51,000 – Western NSW LHD – OCT machine
- \$16,750 – Good Onya grants administered to 44 organisations
- \$14,160 – Orange Chamber Music Festival
- \$5,000 – Canowindra International Balloon Festival
- \$5,000 – St Paul's Church, Carcoar
- \$3,000 – Foodcare Orange
- \$1,500 – Millthorpe Garden Ramble
- \$1,500 – Tallwood Public Trust
- \$1,089 – Canowindra High School
- \$1,000 – Starlight Foundation



Photo Credit – Canowindra Challenge website

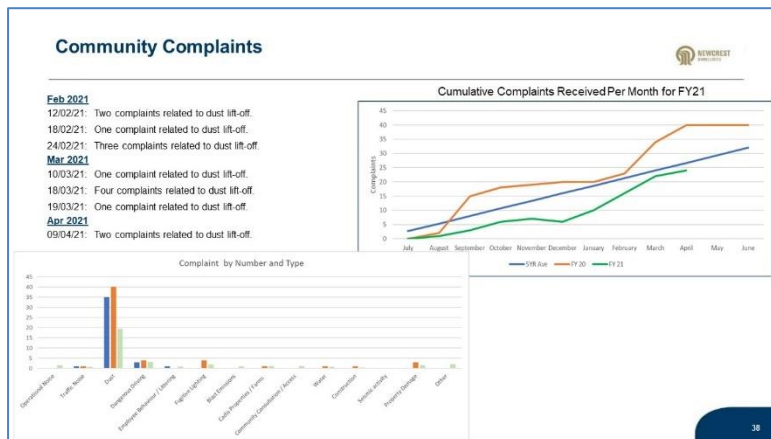
37

As per slide 37.

## Community Complaints

# MINUTES

## Cadia Valley Operations Community Consultative Committee



As per slide 38.

Hydromulch product, will be in a much better place moving forward for high rainfall events. Covering will be completed by end of June weather permitting.

## Cadia Farmland Tenders

**Cadia Farmland Tenders**

- Cadia owned farmland properties Ashleigh Park, Bundella and Oaky Creek North are all progressing through a process for agistment.
- Property inspections were completed during the first week of April, with a large number of applications received
- Tenders to be awarded early May

Received a lower number of responses for tenders than anticipated, its speculated that current high prices for livestock prices may be limiting people's interest in taking on more land which they have to purchase stock for.

## CDEP

**CADIA DISTRICT COMMUNITY**

**LOCAL RESIDENTS: LOCAL PROJECTS**

**CDEP Update**


- Last committee meeting was held on Wed 31<sup>st</sup> March.
- Completed Projects:
  - Sticky Nightshade Project
  - Good Onya Applications & Educational Grants awarded
  - First Aid & ChemCert Accreditation completed
  - Fox Baiting completed
- Upcoming Activities:
  - Free Farm Trees – to be completed this month
- Next committee meeting (AGM) to be held 16<sup>th</sup> June 2021

Earthworks from the Sticky Nightshade Project completed on a Panuara property

# MINUTES

Cadia Valley Operations  
Community Consultative Committee





## LOCAL RESIDENTS: LOCAL PROJECTS

### Sticky Nightshade

- A Sticky Nightshade Sub-committee was formed from the CDEP community who helped to initiate a successful project focused on aiding to combat Sticky Nightshade within the district.
- Local contractors were engaged to roll out the project including; earth moving, spray teams and herbicide to 21 landholders.
- Of these 21 landholders, a total of \$266,000 was contributed alongside \$76,000 from the CDEP budget.
- From the success of this project, CDEP will be looking to run this program again in FY22



Charlie & Baden from Ag Drones Australia

CDEP vs Landholder Contribution

Contribution	Amount
Landholder Contribution	\$76,000
CDEP Contribution	\$266,000

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### Chris Baker

Figures for the Sticky Nightshade (SN) project were probably not as accurate, as I know I have underestimated the cost. The weed is also historical in Woodstock region too.

### Matthew Armstrong

Currently having discussions with Local Lands Services (LLS), Department of Primary Industries (DPI) and councils about a coordinated SN program for the district.

### Graham Brown

Projects like the fox baiting, had a number of community members who did not participate in the programs provided through CDEP which in turn affects everyone else.

### Chris Baker

Correct, the same thing happened with the SN Project.

## General Business

### Affordable Housing Strategy

#### Mark Hodges

Housing strategy draft from the council will be ready in June 21. This still needs to be put through the department before receiving approval (estimated time frame of Nov 21).

#### Jane Chung

Has council received any feedback from some recent articles in the paper around affordable housing?

#### Mark Hodges

Property on the western side of the hospital is available for development. Not likely to be affordable housing.



# MINUTES

Cadia Valley Operations  
Community Consultative Committee



Housing strategy will discuss further. There's a difference between affordable housing and housing affordability. Affordable housing applies to those income earners under \$85k / pa, Council has been receiving a lot of feedback on the issue.

It's estimated between 1,200 – 1,400 people from Sydney are in Orange every day.

Currently 115 outstanding development applications in process at any time.

There's a conflict between land and housing around the mountain, we're wanting to keep the area for agriculture projects, but this will be determined by State planning.

Farm stays – there's a lot of tour buses coming out from Sydney to the region, we're receiving problems due to traffic and access from this.

Tourism is currently having more of an impact on affordable housing than other industries.

New council will be elected in September with the next meeting to be held in November.

Mark Dicker

Planning proposal for Vicki Hood has been finalised (two weeks ago).

Blayney has just received council approval for dual occupancy and a 92-room hotel at the former bowling site, as well as approval for 20 portable buildings with shared rooms.

Approval for the proposed new gold mine for will probably be determined in the next 6 months.

Heather Nichols

Cabonne council is going to review land and housing plans next month.

Chris Baker

Raised concerns about Cadia's expansion and outgrowing the area.

Chris Baker

Concerned with overall mine growth, as this restricts the growth on residents for their own expansion.



# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## Summary of Actions

#	Action	Who	Due By	Status
1	<p>Cadia to confirm that the area of interest as a potential site for a future tailings storage facility is fully located within the Rodd Creek catchment.</p> <p><i>April Meeting Update – Still waiting for drilling results to be finalised.</i></p> <p><i>JC – still assessing different site options.</i></p> <p><i>AB – have 8 different options to choose from.</i></p> <p><i>JC – looking at various areas and capacities, main work completed to date is the drilling.</i></p>	Jane C	20/12/20	In Progress
2	Vicki Hood to follow up with Cadia's Nicolas Bourget, Environmental Specialist – Water, for reasoning behind water drop.	Vicki H	09/08/21	Open
3	Increase the size of diagram for monitoring bores in future.	Nicholas B	09/08/21	Open
4	Investigate what historical water testing data Cadia has for the Belubula river.	Vicki H	09/08/21	Open

### Next Meeting

Monday 9<sup>th</sup> August 2021  
Biz HQ 6PM

**MEETING CLOSED – 8:11 PM**

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



<b>Title</b>	Cadia Community Consultative Committee Meeting	
<b>Meeting Date &amp; Time</b>	10 November 2020 @ 6:00 PM	
<b>Chairperson</b>	David Johnson	Chairperson
<b>Meeting Attendees</b>	<div>Aaron Brannigan      General Manager, Cadia</div> <div>Bridgette Byrne      Manager, People and Social Performance</div> <div>Jane Chung      Superintendent, Approvals</div> <div>Matt Armstrong      Superintendent, Senior Social Performance</div> <div>Mark Dicker      Blayney Shire Council</div> <div>Mark Hodges      Orange City Council</div> <div>Chris Baker      Blayney Landowner</div> <div>Graham Brown      Orange City Council Landowner</div> <div>Kim Masters      Forest Reefs / Flyers Creek Landowner</div> <div>Bob Meyenn      Cabonne Shire Council Landowner</div> <div>Heather Nicholls      Cabonne Shire Council</div>	
<b>Apologies</b>	<div>Geoff Knox      Errowanbang Shire Landowner</div> <div>Vicki Hood      Environment Superintendent, Cadia</div> <div>Merrilyn Tinsley      Manager, HSE, Cadia</div>	
<b>Venue</b>	BizHQ Meeting Room, Sale St Orange NSW	
<b>Next Meeting</b>	Monday, 8 February 2021 @ 6:00PM	

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## ACTIONS FROM MEETING

Ref #	Action Items	Who	Due By
1.	Cadia's Committee members to complete relevant CCC declaration forms.	Matt A	20/12/20
2.	Cadia to confirm that the area of interest as a potential site for a future tailings storage facility is fully located within the Rodd Creek catchment area.	Jane C	20/12/20
3.	Cadia to provide information on its biosecurity arrangement for its farms.	Matt A	01/12/20
4.	Cadia to provide details on the chemical mix used by its weed spraying contractors to treat "Sticky Nightshade".	Matt A	01/12/20
5.	Orange effluent water volumes to be included in the Water Balance Table presented in the information pack each quarter.	Vicki H	08/02/21
6.	Cadia's Annual Environmental Management Report (AEMR) to be distributed to Committee members at the next meeting.	Vicki H	08/02/21


# MINUTES

Cadia Valley Operations  
Community Consultative Committee



David Johnson opened the meeting at 6:05PM and welcomed all attendees.

## ACKNOWLEDGEMENT OF COUNTRY



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### Acknowledgement of Country

We would like to acknowledge the **Wiradjuri** people who are the Traditional Custodians of the Land.

We would also like to pay respect to their people both past and present and extend that respect to other Aboriginal Australians who are present.

David Johnson delivered an Acknowledgement of Country.


# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## MEETING WELCOME AND INTRODUCTIONS

### Agenda



1. Welcome
2. Safety Share
3. Declaration of Interest
4. Minutes and Business Arising: David Johnson
5. Production and Site Update: Aaron Brannigan
6. Project Modifications and Approvals Update: Jane Chung
7. Environment Update: Vicki Hood
5. Social Performance Update: Matt Armstrong
6. General Business

3

Apologies for the meeting tendered for Geoff Knox, Merrilyn Tinsley and Vicki Hood.

Graham Brown asked that as the first order of business the Committee move a motion of condolence for the Baker family to pay respects upon the passing of Lesley Baker, a much loved and respected member of the community.

**Graham Brown / Bob Meyenn**

**Carried**

David Johnson noted that it was the first face to face meeting for some of the newer members of the Committee. The newer Committee members introduced themselves.

Aaron Brannigan advised the Committee that as the result of a functional review at Cadia there had been some realignment of responsibilities and reporting lines, including:

- The Community Relations and Approvals team had been split into two separate teams with Jane Chung the Superintendent of Approvals and Matt Armstrong appointed as Superintendent of Social Performance (previously Community Relations),
- The Social Performance team now reports to Bridgette Byrne, Manager - People and Social Performance,
- The Approval team now reports to Clint Armstrong, Manager, Strategy, Performance and Planning, and
- The Environment team remains reporting to Merrilyn Tinsley, Manager – Health Safety and Environment.

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



Aaron Brannigan advised the Committee that Bridgette Byrne would be replacing Marilyn Tinsley as the regular attendee at the meeting.

David Johnson made a note for Bridgette Byrne to sign off on CCC charter.

Chris Baker noted that there had been a number of changes to Cadia's community contact. It used to be a single contact – Nedra Burns.

Aaron Brannigan advised that in regard to community members contacting Cadia there were no changes. Matt Armstrong remains as the primary point of contact and will still be managing the Complaints Hotline.



# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## DISCLAIMER

### Disclaimer

**Forward Looking Statements**

This document includes forward looking statements and forward looking information within the meaning of securities laws of applicable jurisdictions. Forward looking statements can generally be identified by the use of words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "believe", "continue", "objectives", "targets", "outlook" and "guidance", or other similar words and may include, without limitation, statements regarding estimated reserves and resources, certain plans, strategies, aspirations and objectives of management, anticipated production, study or construction dates, expected costs, cash flow or production outputs and anticipated productive lives of projects and mines. Newcrest continues to distinguish between outlook and guidance. Guidance statements relate to the current financial year. Outlook statements relate to years subsequent to the current financial year.

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Forward looking statements are based on Newcrest's good faith assumptions as to the financial, market, regulatory and other relevant environments that will exist and affect Newcrest's business and operations in the future. Newcrest does not give any assurance that the assumptions will prove to be correct. There may be other factors that could cause actual results or events not to be as anticipated, and many events are beyond the reasonable control of Newcrest. Readers are cautioned not to place undue reliance on forward looking statements, particularly in the current economic climate with the significant volatility, uncertainty and disruption caused by the COVID-19 pandemic. Forward looking statements in this document speak only at the date of issue. Except as required by applicable laws or regulations, Newcrest does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in assumptions on which any such statement is based.

**Non-IFRS Financial Information**

Newcrest's results are reported under International Financial Reporting Standards (IFRS). This document includes non-IFRS financial information within the meaning of ASIC Regulatory Guide 230: 'Disclosing non-IFRS financial information' published by ASIC and within the meaning of Canadian Securities Administrators Staff Notice 52-306 – Non-GAAP Financial Measures. Such information includes: 'Underlying profit' (profit or loss after tax before significant items attributable to owners of the Company); 'EBITDA' (earnings before interest, tax, depreciation and amortisation, and significant items); EBIT (earnings before interest, tax and significant items); 'EBITDA Margin' (EBITDA expressed as a percentage of revenue); 'EBIT Margin' (EBIT expressed as a percentage of revenue); 'ROCE' (Return on capital employed) and calculated as EBIT expressed as a percentage of average total capital employed (net debt and total equity); 'Interest coverage ratio' (calculated as EBITDA adjusted for facility fees and discount unwind on provisions, divided by net interest payable (interest expense adjusted for facility fees, discount unwind on provisions and interest capitalised)); 'Net debt to EBITDA' (calculated as net debt divided by EBITDA for the preceding 12 months); 'Free Cash Flow' (calculated as cash flow from operating activities less cash flow related to investing activities, with Free Cash Flow for each operating site calculated as Free Cash Flow before interest, tax and intercompany transactions); 'Free Cash Flow before M&A activity' (being 'Free Cash Flow' excluding acquisitions, investments in associates and divestments); and 'AISC' (All-In Sustaining Cost) and 'AIC' (All-In Cost) as per updated World Gold Council Guidance Note on Non-GAAP Metrics released November 2018. AISC will vary from period to period as a result of various factors including production performance, timing of sales and the level of sustaining capital and the relative contribution of each asset. AISC Margin reflects the average realised gold price less the AISC per ounce sold. These measures are used internally by Newcrest management to assess the performance of the business and make decisions on the allocation of resources and are included in this document to provide greater understanding of the underlying performance of Newcrest's operations. The non-IFRS information has not been subject to audit or review by Newcrest's external auditor and should be used in addition to IFRS information. Such non-IFRS financial information/non-GAAP financial measures do not have a standardised meaning prescribed by IFRS and may be calculated differently by other companies. Although Newcrest believes these non-IFRS/non-GAAP financial measures provide useful information to investors in measuring the financial performance and condition of its business, investors are cautioned not to place undue reliance on any non-IFRS financial information/non-GAAP financial measures included in this document.

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The views expressed in this document contain information that has been derived from sources that have not been independently verified. No representation or warranty is made as to the accuracy, completeness or reliability of the information. This document should not be relied upon as a recommendation or forecast by Newcrest.

**Question:** Why does Cadia include a Disclaimer? (**Chris Baker**)

**Answer:** Newcrest is a publicly listed company and information presented in the presentation could be mistaken as advice or information relating to financial investment. The Disclaimer is saying that the presentation should not be taken as investment advice and the future looking information may change. (**Aaron Brannigan**)

This slide is hard to read on the screen but it is in the pack sent out prior to the meeting (**Matt Armstrong**)

## SAFETY SHARE

Kim Masters advised that caution needed to be shown when driving through the roadworks at Forest Road. The surface condition of the temporary road can be quite dangerous, particularly when wet, and there is a 'bog hole'.

Chris Baker advised that caution needed to be shown when driving along Four Mile Creek Road. A section of the new road near the bend where the landslip is, is breaking up. Council was putting loose gravel on it which also presents a risk as vehicles can lose traction and slip.

Mark Hodges left the meeting to make a phone call and upon returning to the meeting advised that Council workers were attending the Forest Rd roadworks site and would be taking action to ensure the road was safe until work resumed the next day.

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## DECLARATION OF INTERESTS

Nil declared.

David Johnson asked that the new Cadia people ensure that they have completed all the relevant / standard forms for CCC members by the next meeting.

## MINUTES OF PREVIOUS MEETING

Matt Armstrong talked through the Actions from the previous meeting and provided a status update.

Ref #	Action Items	Who	Status
1.	Arrange a site tour for Bob Meyenn and David Johnson.	Matt Armstrong	Completed
2.	Collate and distribute the specifications of the grass seed varieties combined with the hydro-mulch product for distribution across the tailing's storage facilities	Matt Armstrong	Completed
3.	Include Orchard Road within the traffic assessment of Cadia Road	Jane Chung	Completed
4.	Engage with Blayney Council and local landholders regarding the Panuara and Cadia Road intersection and the dangers identified to turning and entering traffic.	Jane Chung	To be Completed
5.	Amend the CCC Procedure to incorporate a notification to all Cadia residents prior to the meeting for provision of matters for discussion of enquiries and a notification to all Cadia residents following the last meeting and advising the minutes are publicly available on the Cadia website.	Matt Armstrong	Completed
6.	Amend the CCC Procedure to incorporate provision of the agenda and presentation to all members of the community at least 2-days prior to the CCC Meeting.	Matt Armstrong	Completed
7.	Contact each member of the CCC to identify a suitable alternative date for the November 2020 meeting.	Matt Armstrong	Completed

Jane Chung noted that in regard to Action 4 from the previous meeting the Council referred to in the text should be 'Blayney', not 'Cabonne'. [Corrected]

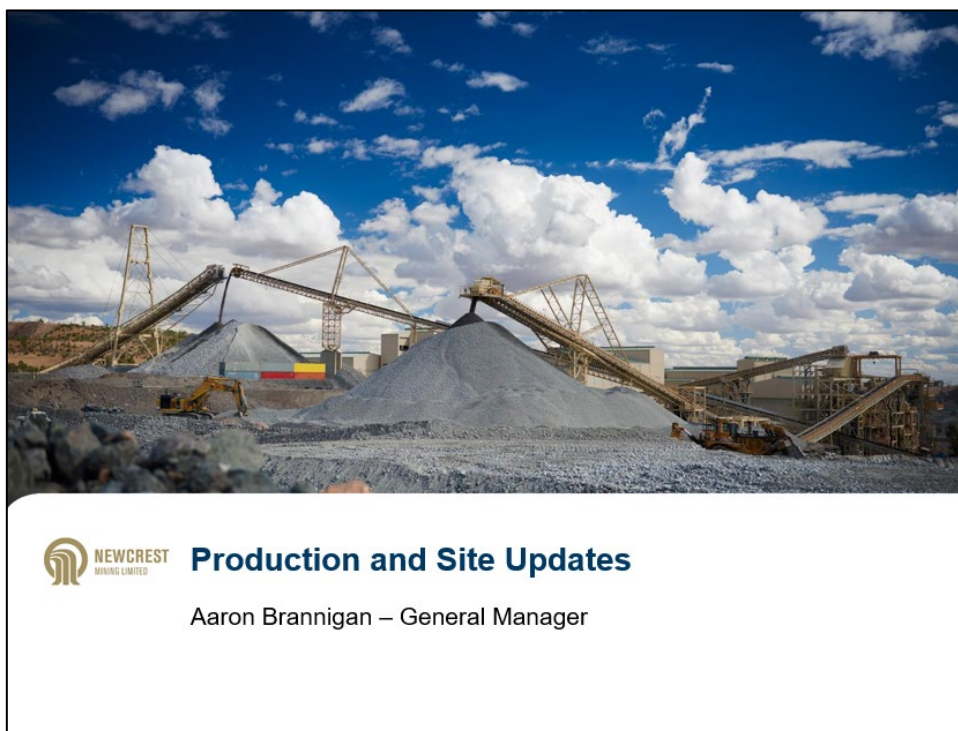
# MINUTES

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The minutes of the previous meeting held on Monday, 10 August 2020 were then declared as a true and accurate reflection of the meeting.

## PRODUCTION AND SITE UPDATE



Aaron Brannigan provided an overview of the Newcrest and Cadia highlights for the previous quarter.

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## Production Highlights



### September Quarter Results:

#### Newcrest

- Gold production of 503koz, on track for meeting FY21 guidance (1,950-2,150koz).
- Copper production of 34.8kt, on track for meeting FY21 guidance (135-155kt).
- Newcrest All-In Sustaining Cost - \$980 per ounce (gold).

#### Cadia

- Gold production of 196.5koz, on track for meeting FY21 guidance (680-760koz).
- Copper production of 25.3kt, on track for meeting FY21 guidance (95-105kt).
- Cadia All-In Sustaining Cost - \$113 per ounce, was lowest on record, primarily driven by a higher realised copper price and timing of sustaining capital expenditure. These benefits were partially offset by lower gold production and an increase in operating costs associated with the planned shutdowns.

For additional information on Newcrest's September Quarterly results see: <https://www.newcrest.com/investor-centre/overview>

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**Question:** For the benefit of the Committee can you explain why there is such a big difference between the All-In Sustaining Cost (AISC) figures between Newcrest and Cadia?  
**(Chris Baker)**

**Answer:** Newcrest's AISC is calculated based on all its operations. Cadia, in comparison to these other sites, is a low-cost operator. Cadia helps to bring Newcrest's overall AISC lower. Sometimes the higher AISC at a different site might reflect that that the operation is still incurring development costs. Cadia's AISC is also influenced by copper prices, which some other sites aren't.

**Question:** Have Cadia's prices been impacted by COVID-19? **(David Johnson)**

**Answer:** Gold is often seen as a safe haven, so gold prices have been relatively unimpacted. **(Aaron Brannigan)**

Mark Dicker commented that Cadia, as a mining operation had been deemed as an 'essential service' so the types of operating restriction seen in some sectors wouldn't have impacted Cadia in the same way.

Aaron Brannigan advised that that was correct. Cadia had been very fortunate and was glad to have been able to continue its operation and maintain employment.

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## Happenings On Site



### COVID 19 – Operational Response

- Cadia's operations continue to remain largely unimpacted by COVID 19.
- Additional measures were put in place in response to the Public Health Alert regarding wastewater sampling indicated a current (at the time) or a previous infection in Bathurst.
- Cadia has had nil positive cases.

### COVID 19 Community Support Fund

- \$1.2M donated to date, with \$650,000 of that focussed on supporting local businesses.

### Operations

- Moly Plant Construction on track for first Moly production in FY21.
- 'Mega-shut' completed in October 2020.

### Changes to Cadia's Departments

- Following a functional review a number of changes have been made to Cadia's departments, including:
  - Social Performance (aka Community Relations) moved under HR and Training to form People and Social Performance,
  - Creation of the Strategy, Planning and Performance department, incorporating Approvals.



Moly Plant:  
Construction  
progress in  
October 2020.

220,000  
hours with no  
Lost Time  
Injuries.

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Aaron Brannigan provided an overview of current site activities, adding:

- Cadia has consistently taken an 'above average' approach to protect against COVID-19 and keep the community safe,
- The 'Mega-shut' saw an extra 900 people on site. During the shut Cadia focussed on very controlled people movements to reduce the risk of COVID-19,
- For the shut only 79 or 80 people came to site from out of the region (all specialists), and
- The Moly plant has an excellent 'No LTIS' record. There is a great initiative at the Moly plant construction site where the team makes financial donations to the Rural Fire Service for each 'safe hour'.

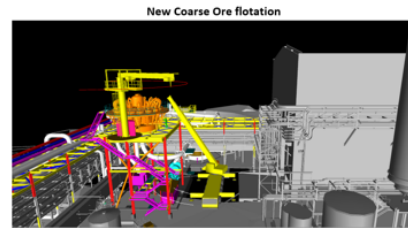
**Question:** Who conducted your Functional Review? (**Bob Meyenn**)

**Answer:** It was an internally led process, with external support from an 'organisation design' specialist who assisted with facilitating workshops on-site. There was a specific focus on having an integrated planning approach, which saw the creation of the new Strategy, Performance and Planning (SPP) department which includes the Approvals function. COVID-19 delayed the process so it took a little longer than first anticipated.

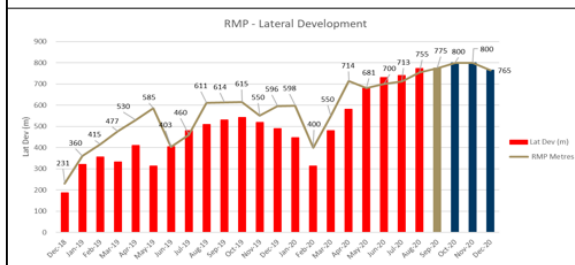
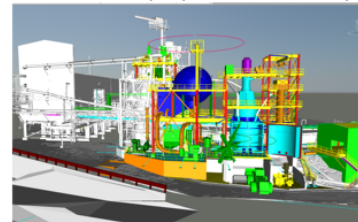
## Cadia Expansion Project (CXP) – Update



- Execution phase of the CXP - Stage 2 approved, including:
  - addition of a second Coarse Ore Flotation circuit in Concentrator 1,
  - equipment upgrades in Concentrator 2 to increase Plant capacity increasing from 33mtpa to 35mtpa, increase gold and copper recoveries by 3.5% and 2.7%, respectively,
  - estimated capital cost for Stage 2 is \$175m.
- Lateral Development as per the Rolling Monthly Plan (RMP) is on-track. Equates to just under 70,000 development tonnes being shifted each month.



Vertimill and Jameson Cell (Blue sphere is the Jameson cell envelope)



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**Question:** With those increases in gold and copper recovery, how long does it take to recoup the cost of CXP? (**Bob Meyenn**)

**Answer:** You can't look at that in isolation, IRR is the best gauge. Cadia must always be looking at ways to improve and has a long-term view to its future, so we make investment decisions based on a broad range of factors. We know that there is a declining ore grade, so this influences our improvement actions.

**Question:** Does Cadia hedge its gold and copper prices? (**Chris Baker**)

**Answer:** No (**Aaron Brannigan**)



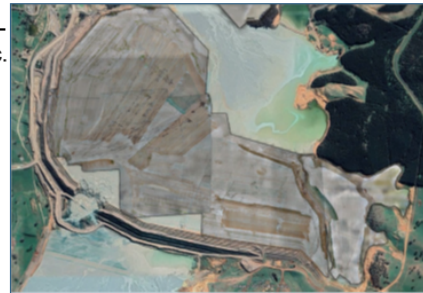
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## NTSF and STSF Dust Management - Update



- Erizon has completed the application of hydro-mulch on the NTSF. Initial schedule delays due to wet weather were recovered by bring a second tractor system to site.
- Erizon is maintaining site capability, as per its contract, to re-spray areas as required.
- Extensive areas of the NTSF have grass coverage which is assisting to bind the surface with its root mat.
- The Panther is operating full-time on the STSF to complete another full coverage in preparation for the warmer weather leading into summer.
- Community members have been invited to undertake inspections of the TSFs during Nov and Dec.



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Aaron Brannigan advised that he had just approved a project to apply the hydro-mulch product to the STSF as well, as it provided superior protection.

Graham Brown commented that by the end of Nov to Dec that grass will be haying off and could become a fire risk.

Matt Armstrong advised that Cadia had extended an invitation out to community members to come and inspect the NTSF and STSF. Any interested community member should be directed to him.

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## PTSF Tailings Deposition – Update



- All tailings are currently directed to the Pit Tailings Storage Facility (PTSF).
- The tailings decant pond level is currently at 509mAHD which represents 24% of the approved capacity. Cadia is approved to deposit tailings to 713mAHD.
- There is approximately 6,300ML of water stored over the tailings.
- Two monitoring bores have been constructed in the pit (MB94 and MB96) to monitor groundwater levels and chemistry adjacent to the pit. The existing monitoring bore (MB95) has been decommissioned prior to being inundated by the tailings.
- The water level in MB95 has consistently been 2-3m above the pit water level, indicating that the flow of groundwater has remained towards the pit.



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**Question:** What are MB94 and MB96 indicating? (*Chris Baker*)

**Answer:** They are indicating the same as MB95 – water is flowing towards the pit, not away.

**Question:** Is that what was expected and is expected in the future? (*David Johnson*)

**Answer:** Assessment of our rock in the pit indicate that this will always be the case due to the characteristics of the rock preventing water from flowing outwards from the pit.

## Projects – Updates



### Surface Preconditioning Trial

- Trial completed on 10th Sep with results exceeding expectations.
- No accidents or injuries, environmental incidents or community complaints.
- All contractors and equipment safely demobilised from site.
- Hydraulic fracturing lasted 14 days, pumping on dayshift only.
- After each pumping stage, the fractures closed and forced water back to the surface where it was re-used on the next hole.
- The cased drill holes will be pumped out to ensure no leakage into the rock mass and the water recycled back to the Mine system (Nov-Dec).
- Drillholes are capped with a steel flange & barricaded.



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## Projects – Updates



### Drilling Activities to the south of the Southern Tailings Storage Facility

- Cadia Valley Operations (CVO) is continuing with the drilling program to the south east of the Southern Tailings Storage Facility (STSF).
- The site investigations form part of studies that are examining the feasibility of constructing a new Tailings Storage Facility.
- These studies are currently in the Feasibility Stage which will take at least 6 months.
- 24 geo-tech drill holes have been completed, 6 completed with the larger sonic rig.
- An further 8 drill holes are planned to complete the program of work.
- A number of the drill holes are being converted to groundwater monitoring bores.

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**Question:** What depths are the bore holes? (**Graham Brown**)

**Answer:** The bore holes have various purposes – sterilisation (no gold or copper), assessment of foundational material and for subsequent groundwater monitoring – so there are a variety of depths. (**Jane Chung**)

**Question:** With any new tailings dam, is there a requirement to stay in the Rodds Ck catchment? (**Graham Brown**)

**Answer:** No, but it is a guide. (**Jane Chung**)

**Question:** The area you're looking at isn't all in Rodds Creek catchment is it? (**Chris Baker**)

**Answer:** It is all in the catchment or predominately in the catchment, but we'll confirm this. (**Jane Chung**)

**Answer:** The drilling program footprint doesn't necessarily indicate the footprint of a potential new TSF. Sterilisation drilling is being conducted over a larger area within the Exploration Lease area. (**Jane Chung**)

## PROJECT MODIFICATIONS AND APPROVALS UPDATE

Jane Chung provided an overview of upcoming and existing project modifications and approvals.



### Project Modifications and Approvals Update

Jane Chung, Superintendent – Approvals

#### Modification 14 - Processing Rate Increase and NTsf Repair



- Cadia Holdings Pty Limited) permitted to process ore at 32 Million tonnes per annum (Mtpa).
- Modification seeking to increase the processing capacity from 32 Mtpa to 35 Mtpa:
  - increased rate to be met through upgrades to existing ore processing infrastructure and changes to train operations at Blayney.
- The Modification also proposes to:
  - repair the slumped section of the Northern Tailings Storage Facility (NTSF) to allow recommencement of tailings deposition,
  - alter design of TSF embankment lifts to achieve the approved deposition volumes,
  - continue pre-conditioning of the Cadia East overburden (to assist with subsidence management), and
  - NaHS plant for the Moly Plant.

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**Question:** What is NaSH? (*Graham Brown*)

**Answer:** Sodium hydrosulfide. (*Jane Chung*)

**Question:** Does the design include changes to the STSF embankment and the leachate pond? (*Chris Baker*)

**Answer:** Yes. The leachate pond will be relocated. (*Jane Chung*)

**Question:** Will the STSF continue to leak? (*Chris Baker*)

**Answer:** Cadia will need to maintain the leachate pond to collect leachate. (*Jane Chung*)

**Question:** Do you have to dig out the buttress? (*Chris Baker*)

**Answer:** The embankments will be buttressed. (*Jane Chung*)

**Question:** During construction will there be night works? (*Chris Baker*)

**Answer:** No. In accordance with the Project Approval, construction work will be during the day only for normal TSF construction projects. (*Jane Chung*)

**Question:** Will all the rock come from existing stockpiles on site? (*Chris Baker*)

**Answer:** Yes. (*Jane Chung*)

## CVO – Processing Rate Increase Modification Environmental Assessment



- The following assessments/reviews will be available in draft form in late October:
  - Air Quality and Greenhouse Gas Assessment and Noise Assessment,
  - Surface Water Assessment,
  - Groundwater Review,
  - Biodiversity Development Assessment Report,
  - Aboriginal Cultural Heritage Assessment and Historic Heritage Assessment,
  - Economic Assessment,
  - Geotechnical Review, and
  - Traffic Assessment.
- Second round consultation will commence at the Residents Meeting on 12 November 2020.



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## CVO – Processing Rate Increase Modification Next Steps



- Work completed to date includes:
  - Scoping Meeting held with the Department of Planning, Industry and Environment (DPIE) on 10 June 2020,
  - Information provided to local community on 1 July 2020,
  - Three local councils informed in meeting on 10 July 2020, and
  - Key regulators have been sent a letter of notification regarding the modification.
- Work to be completed includes:
  - Second round consultation and incorporation of feedback into the SEE,
  - Complete specialist studies and Modification Report,
  - Lodgement of Modification application – late 2020, and
  - Exhibition of Modification Report expected – late 2020 or early 2021 (DPIE process).

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## ENVIRONMENT UPDATE

Jane Chung [as a stand-in for Vicki Hood] provided an update on the environmental performance, monitoring and management.



### Environment


Vicki Hood, Superintendent – Environment



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## Cadia Valley Operations Community Consultative Committee



<h3>Environmental Performance (July-September)</h3> <p><b>Reportable Incidents</b> No reportable incidents.</p> <p><b>Attended Noise</b></p> <ul style="list-style-type: none"><li>• Attended noise monitoring was conducted during September at 14 locations.</li><li>• No Project Approval or EPL noise exceedances.</li></ul> <p><b>Unattended Noise (Cadia Noise Trailer)</b></p> <ul style="list-style-type: none"><li>• Unattended noise monitoring was conducted during September at 4 locations.</li><li>• No Project Approval or EPL noise exceedances.</li></ul> <p><b>Blasting</b></p> <ul style="list-style-type: none"><li>• No vibration and overpressure exceedances.</li></ul> <p><b>Air Quality</b></p> <ul style="list-style-type: none"><li>• No air quality Project Approval exceedances.</li><li>• Non-conformance with the EPL in April resulted in a Penalty Infringement Notice from the EPA.</li><li>• EPA have commenced an investigation due to a Dust complaint on 17 September.</li></ul>	<h3>Environmental Management - Completed</h3> <ul style="list-style-type: none"><li>• Old Blayney Dewatering Facility (Demolition &amp; Remediation):<ul style="list-style-type: none"><li>- Demolition and remediation of the main site is complete,</li><li>- Draft Validation Report under review, &amp;</li><li>- Offsite drainage channel requires remediation. Discussions and approval underway with landowner.</li></ul></li><li>• Cadia Dewatering Facility:<ul style="list-style-type: none"><li>- Drainage improvement works nearing completion, including,</li><li>- Installation of recovery pumps, HDPE lining of drains and bitumen seal required, and</li><li>- Tree planting (visual screen) complete.</li></ul></li></ul> 
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**Question:** Was the PIN related to an exceedance? (**Chris Baker**)

**Answer:** No. The PIN is from the EPA and relates to EPL not our PA – which has the figures-based criteria. (**Jane Chung**)

<h3>Environmental Management - Update</h3> <ul style="list-style-type: none"><li>• Pest and Weed Control:<ul style="list-style-type: none"><li>- Pigs have been observed in the area again, baiting program initiated (free feeding), and</li><li>- Kangaroo harvester continuing with program.</li></ul></li><li>• Progressive Rehabilitation (On Site):<ul style="list-style-type: none"><li>- A total of 5 hectares of rehabilitation was completed on site as required in the MOP (as approved by the Resource Regulator).</li></ul></li><li>• Blayney Copper Mine (Rehabilitation):<ul style="list-style-type: none"><li>- Development Application to be lodged, and</li><li>- Tender package being sent out to applicants.</li></ul></li></ul>	<h3>Tailings Dust Assessment Project – update</h3> <ul style="list-style-type: none"><li>• The Tailings are primarily inert minerals comprising mainly aluminosilicates which are one of the most abundant set of minerals in the earth's crust.</li><li>• 35 metals were tested, and none were found in concentrations that cause adverse health effects based on International Agency for Research on Cancer (IARC) standards.</li><li>• All metals were found at levels well below the health criteria for hazardous materials based on the Global Harmonised System of Classification and Labelling of Chemicals (used to assess the health, safety and environmental hazard level of all chemicals, mixtures and waste materials).</li><li>• Asbestos is not present (nor is it present in the ore).</li><li>• Respirable Crystalline Silica levels in the Tailings were very low.</li><li>• Community Tank Drinking Water testing results are below Australian Drinking Water Guidelines.</li><li>• Additional air quality sampling for metals (arsenic, chromium and lead) and silica results are below applicable community health guidelines (adopted from Vic &amp; Qld as no applicable NSW guidelines).</li><li>• Final investigation findings expected in December 2020 and Community Factsheets will be prepared and distributed at the completion of the project.</li></ul>
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**Question:** How does Cadia manage biosecurity on its farmland, particularly ones with Sticky Nightshade? (**Graham Brown**)

**Answer:** Biosecurity requirements on the farms are managed through the leasing agreements. I'll provide a detailed response to the committee on this. (**Matt Armstrong**)

Graham Brown spoke to the Committee about the history of Sticky Nightshade being introduced to the area through fodder that was brought to Narambon by the previous owner [Cadia is the current owner]. The previous Cadia people managing that property didn't manage it and let it get away.

Matt Armstrong advised the Committee that Cadia's contractor treating the weed over the last few years have developed a very good understanding of what works and have been sharing this information. This information can be distributed again.

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Matt Armstrong advised that that in regard to the Tailings Dust Assessment Project, Cadia used community health standards for Metals and Silica from Queensland and Victoria, respectively, as NSW doesn't have equivalent standards yet.

Site Water Balance	
<p><b>Water</b></p> <ul style="list-style-type: none"> <li>Cadia currently has an estimated 21,000 ML of water on site in October 2020, with approximately half held in Upper Rodds Creek Dam.</li> <li>Total water storage has increased significantly over the past few months due to good rainfall runoff in the mine's catchments.</li> <li>Cadiangullong dam has increased to 75% with peak inflows of nearly 390 ML/day recorded this year.</li> <li>Cadia has been extracting water from the Belubula river under its Supplementary water licence which permits extraction of river water during periods of high flows</li> <li>Cadia has also been extracting water from Flyers Creek under an Unregulated Water License</li> </ul>	
22	

Water Storage & Extraction		
Storage (Oct 2020)	Storage (ML)	Percentage
Cadiangullong Dam	3,138	75%
URC Dam	9,965	69%
Pit	~6,300 (estimated)	
Total	~21,000 (estimated)	Incl 893 ML Cadia Extended+800 ML on TSFs
	FY21 YTD Extraction (ML)	Entitlement (ML)
Cadiangullong Dam Extraction	3,233 (estimate)	
Flyers Creek	568	
Cadia Creek	773	
Runoff (Copper Gully Creek & Rodds Creek)	465 (estimate)	
Cadiangullong Total	5,039 (estimate)	4,200 (8,400 incl carryover)
	FY21 YTD Extraction (ML)	Licence Share (ML)
Belubula General Security	0	4080
Belubula Supplementary	2,814	3,125
Lachlan Fold Belt Groundwater (bores)	60 (estimate)	371
Lachlan F.B. Groundwater (mine dewatering)	165 (estimate)	931
Orange Basalt Groundwater (mine dewatering)	18 (estimate)	286
		23

**Question:** Can Cadia please include Orange effluent water volumes in the Water Balance Table? (**Graham Brown**)

**Answer:** Yes (**Jane Chung**)

**Question:** Are the roadworks on Forest Rd related to the effluent water pipeline? (**Graham Brown**)

**Answer:** No. (**Matt Armstrong**)

Regional Rainfall	
<p>July-September recorded 270 mm rainfall at Orange Airport compared to an average of 260 mm.</p> <p>Cadia recorded an average of 212 mm over this period across it's monitoring network.</p>	
24	

Cadia East Groundwater	
<ul style="list-style-type: none"> <li>The map shows change in water level from June to August / September 2020.</li> <li>All but 4 monitoring bores showed an increase in water level over this period in response to the recent rainfall.</li> <li>The exception of MB44A, MB48, MB73 and MB80.</li> </ul>	

Graham Brown noted that it was interesting that the bores that weren't increasing were in the pine forest. The introduction of the pines stopped the 'gully rakers' during big storms and made the flows more even.

Matt Armstrong noted that there plenty of report to show that pine plantations in some areas do intercept a lot of rainfall.'

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## COMMUNITY RELATIONS UPDATE

Matt Armstrong provided an update on community activities, investments and complaints.



### Social Performance

Matt Armstrong – Superintendent - Social Performance

### Cadia Community Team changes



- Department Managers:
  - Bridgette Byrne, Manager – People & Social Performance, is now the Manager responsible for Social Performance (aka Community Relations).
  - Marilyn Tinsley, Manager – HSE, is now focussing on the areas of Health, Safety and Environment.
- Matt Armstrong has been appointed as Superintendent of the Social Performance team.
- Alison Farrar has taken 12 months maternity leave (expecting her third son in December!).
- The team welcomes:
  - Lindsey Tilburg, as the team's Systems Administrator, and
  - Nicole Morris, to fill Alison's role while she is on maternity leave – with a focus on facilitating Cadia's Community Investment programs.
- The team farewells:
  - Jane Chung, who has moved across to Strategic, Planning & Performance as Superintendent – Approvals, and
  - Emma Kable who has re-located to Queensland.

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# MINUTES

## Cadia Valley Operations

### Community Consultative Committee



#### Cadia Community Activities

- Completion of Cadia Socio-Economic Study - \$20,000 donated to local charities for involvement.
- Visit to Clontarf Foundation Canobolas Academy.
- Team planting day at Cadia Dewatering Facility.
- Annual Apprentice & Scholarship Programs launched.
- Visit with Federal Minister for Resources, Keith Pitt, and Andrew Gee – discuss COVID impacts.
- Schoolyard Blitz at Calare Public School.



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#### Community Support Fund

Newcrest's Community Support Fund (CSF) has provided funding towards several initiatives to support the local community through the impacts of COVID-19.

Since the last meeting, the following projects have been launched:

- \$149,000 - purchase of laptops and mobile devices for all public schools to support immunosuppressed children in remote learning environments, and
- \$100,000 - launch and roll out of Gotcha4Life program across Blayney, Cabonne and Orange.



- \$1,200,000+ donated to date.

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#### Gotcha4Life – Project snapshot

- In September 2020, Newcrest's Community Support Fund provided \$100,000 towards bringing the mental health and suicide prevention program, Gotcha4Life, into the Orange, Blayney and Cabonne areas.
- Research is already showing the alarming effect that COVID-19 has had on mental health, particularly triggered by the impacts on job security and restrictions preventing social interactions.
- Gotcha4Life has the appropriate programs to support community members with building mental strength and looking out for each other.
- Gotcha4Life is currently building awareness and networks in the local community and will commence programs from December/January.



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#### Business Beyond the Curve – Program snapshot



- Newcrest's Business Beyond the Curve Program was established in June to provide financial support to local businesses impacted by COVID-19.
- The program is run by Central NSW Business HQ and supported by the Orange Business Chamber.
- 99 grants totalling \$297,300 have been awarded to date.
- The grants have assisted local gyms, cafes, restaurants, vineyards, beauty salons, travel agents, retail, hotels, motels, allied health and many more.

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#### Community Partnership Funding – FY21

FY21 donations to date (not including Newcrest's CSF) total \$294,410

Major donations included:

- \$60,000 - Natural Resources Coordinator for Orange Local Aboriginal Land Council,
- \$55,044 - Orange Open Air outdoor cinema,
- \$38,950 - Acid soils research project - Grasslands Society of NSW,
- \$20,000 - Blayney High School Construction Cottage & Aquaponics,
- \$10,000 - Face masks for the Orange United Hospital Auxiliary,
- \$10,000 - Orange Wine Week 2020,
- \$10,000 - Low-low beds for Blayney Health Service, and
- \$6,000 - Sticky Nightshade Awareness Program to the Central Tablelands Local Land Services.



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#### Newcrest CEO Cadia Community Activities

- In July Newcrest CEO, Sandeep Biswas, visited Cadia.
- During this time he visited the Moly plant construction crew who donated their safety award (cash) to the Canobolas Zone Rural Fire Service.
- Sandeep visited the Orange Health Service for Cadia's donation of a PortaCount machine to test respiratory mask effectiveness.
- Sandeep also visited Jack Brabham Park to see Cadia's donation of hand sanitiser bollards for sporting ovals and parks in Orange.
- The visit also included a meeting with Cadia District community members, a recipient of the Newcrest Business Beyond the Curve Committee and the Orange Local Aboriginal Land Council.



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# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## Cadia District Enhancement Project (CDEP)



### Annual General Meeting

- Annual General Meeting held 30 September 2020.
- Existing Office Bearers re-elected for FY21:
  - Florence Ovenden – Chair,
  - Mike Retallack – Deputy Chair, and
  - Edwina Crossing – Treasurer.
- FY 21 Programs and funding confirmed:
  - New Project – Sticky Nightshade.
- Current Activities:
  - Reception Booster installation roll-out, and
  - Refurbishments to the Panuara Recreation Facility.
- Annual Financial Summary lodged with NSW Fair Trading.
- Upcoming Activities:
  - Good Onya Applications,
  - Chemcert Accreditation,
  - Weeds Calendar,
  - Residents' Christmas Gift distribution.

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## Community Complaints



### October 2020

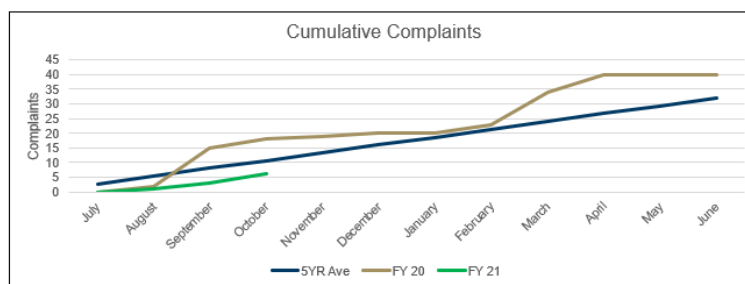
- 1 Complaint – Dust
- 1 Complaint – Driving
- 1 Complaint – Operational noise

### September 2020

- 2 Complaints - Dust

### August 2020

- 1 Complaint - Driving



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Matt Armstrong provided an overview of recent Complaints, noting:

- Cadia's dust management activities, particularly the use of the hydro-mulch product, was the main contributing factor to the lower level of complaints in FY21.
- Cadia had a good process to identify Cadia workers driving vehicles that are reported for poor driving behaviour.

# MINUTES

Cadia Valley Operations  
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Aaron Brannigan added that he, as General Manager, takes the driving behaviour of Cadia Workers very seriously and there is no excuse for, or acceptance of, poor driving. Every time that a community member sees poor driving behaviour and suspects that it may be a Cadia worker they should report it using the Complaints line.

## GENERAL BUSINESS



Jane Chung advised that Cadia's Annual Environmental Management Report (AEMR) would soon be available on the website and printed copies provided at the next meeting.

**Question:** Can you provide an update on the Solar Farm, is it on-hold or definitely not going ahead? (**Chris Baker**)

**Answer:** On-hold at this stage. (**Aaron Brannigan**)

Chris Baker advised that he wanted to table negative feedback that he'd been receiving about the last farm leasing process. Chris advised that some community members felt that the Caringle farm should have been leased to a farming family from the area or whom the additional area of land could have really made a difference to their operation and their ability to keep the younger generation on the farm.

Jane Chung advised that she was the Superintendent at the time and stands by the process. The process is fair and there are two independent people as well as a Cadia representative assessing the tenders.



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**Question:** Was the criticism related to the fairness of the process? (*Aaron Brannigan*)

**Answer:** No, more the outcome? (*Chris Baker*)

Bridgette Byrne thanked Chris for bringing the feedback to the meeting and emphasised it was really important that this type of feedback is presented at the CCC meeting as the views of our community stakeholders are important. Cadia is always looking at continuous improvement - so we are interested in looking at opportunities to improve.

MEETING CLOSED – 8:15 PM

# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## APPENDIX



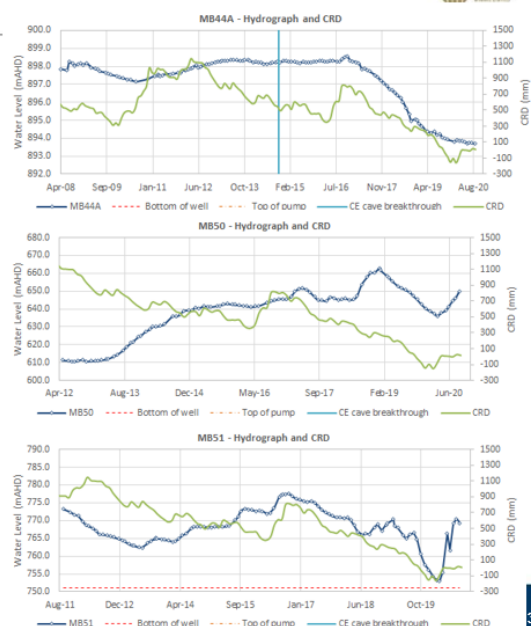
### Appendix A – Groundwater Monitoring Bores

#### Cadia East Groundwater

MB44A (142m deep)  
MB50 (217m deep) and  
MB51 (56m deep) are  
screened in the deeper  
Silurian Sediments.

MB44A is located due  
east from the Cadia East  
mine and has showed a  
slightly declining trend  
over the past 6  
months although the  
rate of decrease has  
slowed.

MB50 and MB51 are  
located just south of the  
Cadia East mine, next to  
one of the ventilation  
risers. It has displayed  
good recharge in recent  
months



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Cadia Valley Operations

Community Consultative Committee



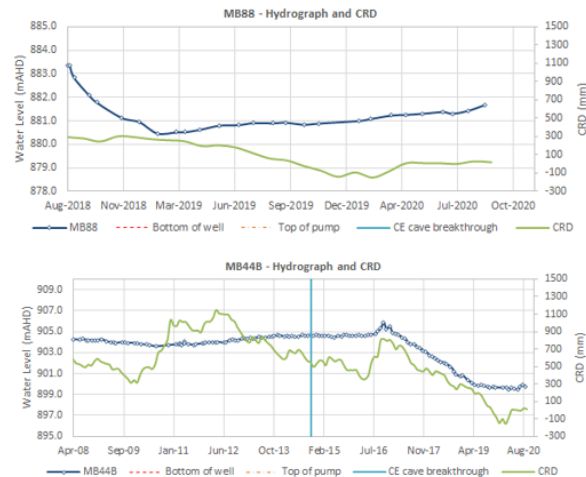
## Cadia East Groundwater



MB88 (90m deep) and MB44B (47m deep) are screened within the Tertiary Basalt aquifer.

MB88 is located in the pine forest near Woodville Rd and has showed a small increase in level over the past 12 months.

MB44B is located to the east of Cadia East mine and has displayed a relatively stable trend over the past 6 months.



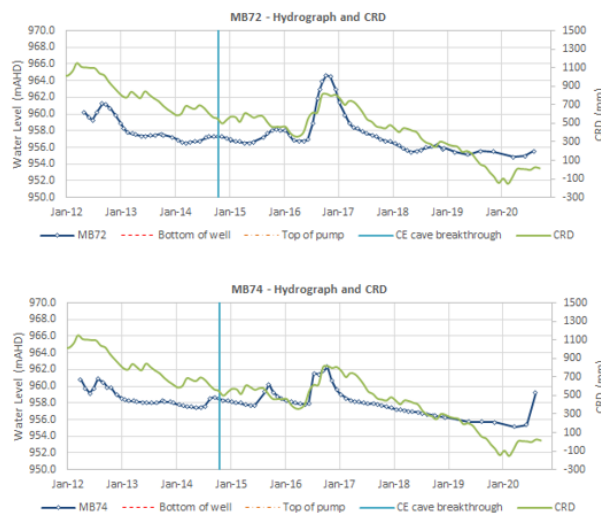
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## Cadia East Groundwater



Moving further from the mine, MB72 (44m deep) is located on Waldergrave Rd and MB74 (27m deep) is located at Rapley's Lane. Both are screened within the Tertiary Basalt aquifer.

Both of these bores also showed an increase in water level over the past 2 months of monitoring



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# MINUTES

Cadia Valley Operations  
Community Consultative Committee



<b>Title</b>	Cadia Community Consultative Committee Meeting	
<b>Meeting Date &amp; Time</b>	8 <sup>th</sup> February 2021 @ 6:00 PM	
<b>Chairperson</b>	David Johnson	Independent Chairperson
<b>Meeting Attendees</b>	<div>Aaron Brannigan    General Manager, Cadia</div> <div>Bridgette Byrne    Manager, People and Social Performance, Cadia</div> <div>Jane Chung    Superintendent, Approvals, Cadia</div> <div>Matt Armstrong    Superintendent, Social Performance, Cadia</div> <div>Mark Hodges    Orange City Council Representative</div> <div>Graham Brown    Landowner Representative for Orange City Council LGA</div> <div>Geoff Knox    Landowner Representative - Errowanbang district</div> <div>Kim Masters    Landowner Representative -Forest Reefs / Flyers Creek district</div> <div>Bob Meyenn    Landowner for Cabonne Shire Council LGA</div> <div>Heather Nicholls    Cabonne Shire Council Representative</div> <div>Vicki Hood    Superintendent, Environment, Cadia</div>	
<b>Apologies</b>	<div>Chris Baker    Landowner Representative - Blayney Shire Council LGA</div> <div>Mark Dicker    Blayney Shire Council Representative</div>	
<b>Venue</b>	BizHQ Meeting Room, Sale St Orange NSW	
<b>Next Meeting</b>	Monday, 10 May 2021 @ 6:00PM	

David Johnson opened the meeting at 6:05PM and welcomed all attendees.

## Acknowledgement of Country

David Johnson delivered an Acknowledgement of Country

## Acknowledgement of Country

We would like to acknowledge the **Wiradjuri** people who are the Traditional Custodians of the Land.

We would also like to pay respect to their people both past and present and extend that respect to other Aboriginal Australians who are present.

## Meeting Welcome and introductions

Apologies for the meeting tendered for Chris Baker and Mark Dicker

## Disclaimer

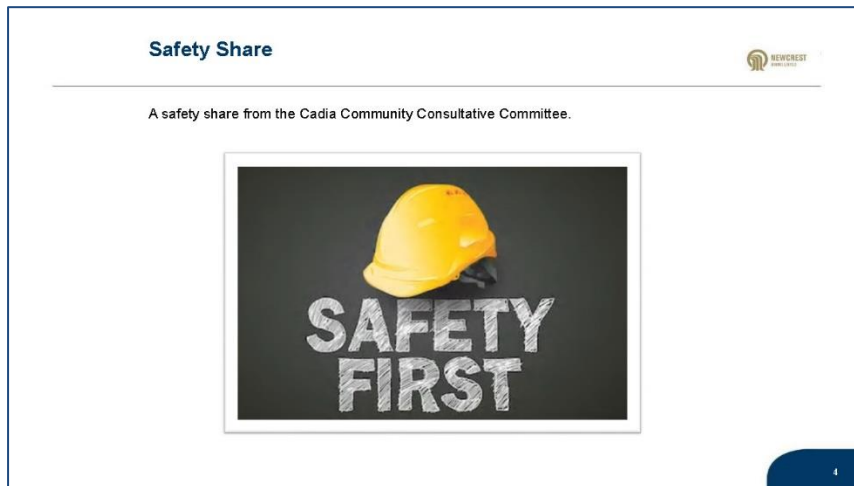
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# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## Safety shares



Mark Hodges – Inspected Ginns Road in response to a concern raised about for road safety (near Forest Road (dirt road to airport). Someone had dumped lime onto the road which looked like it was done by a spreader, around 5-10mm thick, right near Spring Creek. The lime was forcing drivers to cross onto the other side of the road to avoid the mess.

Previous week had a tractor roll over in tall grass, didn't see the culvert. With the long grass, extra caution has to be given to ensure there are no unseen obstacles of dangers. Luckily the driver was not injured. This demonstrated the safety benefit offered by a full cab.

Matt Armstrong – Driving on Forest Rd last Thursday during storm, due to the high rainfall there was water pooling on the road. The water was noticeably pooling in slight wheel track depressions which create the risk of the ute aquaplaning. East of spring terrace. Driving to condition meant that the vehicle's speed had to be significantly reduced below the speed limit.

Graham Brown – Noted that this area has been impacted by the gravel trucks who use this road. The road isn't sufficient / strong enough for truck use.

## Declaration of Interests

N/A



# MINUTES

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## Minutes of Previous Meeting


Minutes accepted by all

Jane Chung – Noted that the point raised by Chris Baker (#2.) – Cadia is waiting for drilling results to be finalised. An update will be provided as soon as possible after the results are known. Action to be left open.

	Action	Who	Due By	Status
1.	Cadia's Committee members to complete relevant CCC declaration forms.	MA	20/12/20	Completed
2.	Cadia to confirm that the area of interest as a potential site for a future tailings storage facility is fully located within the Rodd Creek catchment area.	JC	20/12/20	In Progress
3.	Cadia to provide information on its biosecurity arrangement for its farms.	MA	01/12/20	Completed
4.	Cadia to provide details on the chemical mix used by its weed spraying contractors to treat "Sticky Nightshade".	MA	01/12/20	Completed
5.	Orange effluent water volumes to be included in the Water Table presented in the information pack each quarter.	VH	08/02/21	Completed
6.	Cadia's Annual Environmental Management Report (AEMR) to be distributed to Committee members at the next meeting.	VH	08/02/21	Completed

## Production and Site Update – Aaron Brannigan

### Production Highlights



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December Quarter Results:

Newcrest

- Gold production of 535koz.
- Copper production of 34.6kt.
- Newcrest All-In Sustaining Cost - \$968 per ounce (gold).

Cadia

- Gold production of 194koz.
- Copper production of 26.6kt
- Cadia All-In Sustaining Cost - \$6 per ounce
- Cadia has set a new quarterly record, reporting an AISC for the period of negative \$6/oz which reflects a higher realised copper price, higher copper sales volumes and timing of sustaining capital expenditure. These benefits were partially offset by the impact on operating costs from the strengthening of the Australian dollar against the US dollar and higher royalty and concentrate treatment, refining and transporting cost

For additional information on Newcrest's September Quarterly results see: <https://www.newcrest.com/investor-centre/overview>

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Cadia has set a new quarterly record, reporting an All In Sustaining Cost (AISC) for the period of negative \$6/oz which reflects a higher realised copper price, higher copper sales volumes and timing of sustaining capital expenditure. These benefits were partially offset by the impact on operating costs from the strengthening of the Australian dollar against the US dollar and higher royalty and concentrate treatment, refining and transport costs.

# MINUTES

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## Happenings On Site



### COVID 19 – Operational Response

- Cadia's operations continue to remain largely unimpacted by COVID 19.
- Additional measures were put in place in response to the Public Health Alert regarding the positive case at a local café venue in town.
- Cadia still has had nil positive cases.

### COVID 19 Community Support Fund

- \$1.4M committed to date.
- \$924,000 spent, with \$630,000 of the funds focussed on supporting local businesses.

### Operations

- Moly Plant Construction still progressing well with zero LTI's since commencement in Feb 2020. On track for completion prior to the end of this financial year.



02 Oct 20



09 Nov 20



11 Dec 20

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## The Moly Plant

Progressing well, with zero LTI's (Lost Time Injury). On track for completion prior to the end of this financial year.

Bob Meyenn – The Moly Plant, is it an additional source of revenue or just reducing waste?

Aaron Brannigan – It is an additional revenue stream.

Bob Meyenn – Is there a demand for the Moly product?

Aaron Brannigan – Yes there is a demand, making the project worthwhile.

## Transition to Sustainable Energy

### Happenings On Site



### Transition to Sustainable Energy

- Cadia recently announced a 15-year renewable Power Purchase Agreement (PPA) with Tilt Renewables Limited to secure a significant portion of the future projected energy requirements of Cadia mine.
- Cadia is expecting to deliver a ~20% reduction in Newcrest's greenhouse gas emissions, which is a significant step towards achieving Newcrest's target of a 30% reduction of greenhouse gas emissions by 2030<sup>1</sup>.
- Tilt Renewables is the owner and developer of the Rye Park Wind Farm, located north of Yass and east of Boorowa in New South Wales. From January 2024, when commercial operations are targeted to commence, Newcrest will utilise approximately 55% of Rye Park's planned ~400MW output, which is equivalent to more than 40% of Cadia's projected energy demand from calendar year 2024<sup>2</sup>.
- Rye Park Wind Farm will become the largest wind farm directly enabled by a corporate PPA in Australia and the project is now expected to move from the development stage into financing and construction.

<sup>1</sup> Per tonne of ore treated and compared to a baseline of FY18 emissions. Subject to market and operating conditions in respect of Cadia and the Rye Park Wind Farm  
<sup>2</sup> Subject to market and operating conditions

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Cadia recently announced a 15-year renewable PPA (Power Purchase Agreement) with Tilt Renewables Limited to secure a significant portion of the future projected energy requirements of Cadia mine. The first step in working towards Newcrest's 30% reduction. Once completed, the farm will be the largest wind farm in Australia.

David Johnson – What is the status of the wind farm ~~status~~ project? Has it been through the approval process yet?

Jane Chung - Yes, it has. It's going through a modification right now.

Graham Brown – With regard to carbon footprint, are there any mining activities or agriculture land regulations which Cadia may need to comply with? No work has been completed to the best of my knowledge to identify how much carbon we are producing. Cadia has the potential to run something like this with 7,000 hectares to run a study on.

David Johnson – I am not aware of any study being conducted at any other mine site.


Jane Chung – It would be difficult [carbon accounting] to calculate due to having to account for emissions from animals.

Graham Brown – Animals wouldn't impact study.

Kim Masters – Any agriculture burn-off would also have an impact.

## Drilling Program

### Projects – Updates



#### Drilling Activities to the south of the Southern Tailings Storage Facility

- Cadia Valley Operations (CVO) has completed the drilling program to the south east of the Southern Tailings Storage Facility (STSF).
- The site investigations form part of studies that are examining the feasibility of constructing a new Tailings Storage Facility.
- Results of the drilling program are expected to be received in February/March 2021.
- A soil sampling program will be implemented as part of the feasibility study.

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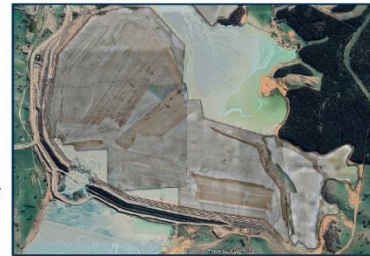
Is now complete, with results expected Feb / Mar.

## Dust

### NTSF and STSF Dust Management - Update



- Erizon has completed the application of hydro-mulch on the NTSF (except for the decant area) and have transitioned to a maintenance program of work (monitor and reapply).
- Cadia has now engaged Erizon to treat the STSF as well. Erizon will commence work in mid February.
- The Panther has continued to operate full-time on the STSF to maintain the integrity of the polymer dust suppressant coverage.
- To safeguard against possible dust lift-off from the decant areas (NTSF & STSF), Cadia is undertaking a 14-day aerial campaign to apply the polymer dust suppressant product to these areas in early February.
- On 26/01/21 Cadia received two complaints relating to dust lift-off from the NTSF. These were the first complaints since late October 2020.
  - The cause of the dust lift-off was due to water scouring that had removed the protective hydro-mulch layer on a section of the NTSF surface along the eastern flank.
  - The area had been identified, assessed and scheduled for re-treatment a few days prior. The assessment indicated that the risk of dust lift-off from the area would remain low for a number of days, allowing the team to prioritise other areas. However, the area dried much quicker than anticipated.
  - While the dust lift-off event is very disappointing Cadia is confident that it doesn't indicate a performance issue with the hydro-mulch product itself.



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ERIZON to commence works on STSF (Southern Tailings Storage Facility), in the near future. The aerial campaign has been postponed a number of times due to the wet weather; we will need to wait for better conditions to get the plane in the air.

On 26 January Cadia received two complaints about dust. These are the first complaints since Oct 2020. The dust was a result of rain runoff in the area.

Matthew Armstrong – Provided additional information and photos from the internal investigation of the dust lift event – any dust lift-off event triggers an internal investigation. This particular investigation found that a trench was the root cause of the incident. Recent rains had resulted in significant runoff on the surface and the trench had been scoured out. The trench didn't have hydro-mulch dust suppressant protecting it and the wind direction on that day was perfectly aligned with the direction of the trench. The area has been identified and was scheduled to be covered however other areas were being treated first.

Graham Brown – noted that Australia Day is known for weather events such as high winds and bushfires.

Kim Masters – Is the aircraft flying off Tunbridge Wells?

Aaron Brannigan – Yes it will, it will be using the same path as December 2019 (Tunbridge Wells and back again)

Matthew Armstrong – Cadia to continue to notify close landholders of plane events and flight plans

## Tailings Dam

### Tailings Dust Assessment Project – Update



- The Tailings are primarily inert minerals comprising mainly aluminosilicates which are one of the most abundant set of minerals in the earth's crust.
- 35 metals were tested, and none were found in concentrations that cause adverse health effects based on International Agency for Research on Cancer (IARC) standards.
- All metals were found at levels well below the health criteria for hazardous materials based on the Global Harmonised System of Classification and Labelling of Chemicals (used to assess the health, safety and environmental hazard level of all chemicals, mixtures and waste materials).
- Asbestos is not present (nor is it present in the ore).
- Respirable Crystalline Silica levels in the Tailings were very low.
- Community Tank Drinking Water testing results are below Australian Drinking Water Guidelines.
- Additional air quality sampling for metals (arsenic, chromium and lead) and silica results are below applicable community health guidelines (adopted from Vic & Qld as no applicable NSW guidelines).
- Final data sets from monitoring results in December 2020 have been analysed and a Community Factsheet is being prepared for distribution to conclude project.
- This monitoring program was developed in response to community concerns, it is not required as part of our compliance program but set up to address concern within our local community.

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Graham Brown – Image wise, is there a possibility to put something on top of Ridgeway pit or use it for tailings?

Jane Chung – We wouldn't be able to without consulting the Resource Regulator and obtaining necessary approvals. It would sterilise the remaining reserves and resources.


Aaron Brannigan - We have reserves remaining at Ridgeway so it wouldn't be considered until mining has been completed.



## Project Modifications and Approvals Update – Jane Chung

### Modification 14

**Modification 14 - Processing Rate Increase and NTSF Repair**



- Modification 14 seeks approval to increase Cadia's processing capacity from 32 Mtpa to 35 Mtpa. The increased rate will be met through upgrades to existing ore processing infrastructure and changes to train operations at Blayney.
- The Modification also seeks approval to:
  - Repair the slumped section of the Northern Tailings Storage Facility (NTSF) to allow recommencement of tailings deposition,
  - Alter design of TSF embankment lifts to achieve the approved deposition volumes,
  - Continue pre-conditioning of the Cadia East overburden (to assist with subsidence management), &
  - NaHS plant for the Moly Plant.

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Was originally on public display from 21<sup>st</sup> of Jan to 5<sup>th</sup> of Feb,

We received feedback from community who weren't aware of the public submission. Correspondence was submitted to DPI&E that the period wasn't long enough from the local community. Jane Chung talked to DPI&E to discuss concerns with community. DPI&E made a decision to increase the public display period being extended to the 19<sup>th</sup> Feb 2021.

If submissions are made during this period Cadia will respond accordingly. Cadia is yet to receive any submissions.

After receiving this feedback, moving forward we will notify the community directly using our external contact lists. Australia Post is too slow, as some people didn't receive the notification until last Monday.

There was an advertisement / notice placed in the local paper, the same information was also sent out via email. Nothing that this was for the submission of the modification to DPI&E not for the actual exhibition date. This will also be amended moving forward.

JC can also show members how to sign up for notifications via the DPI&E Major Projects Portal online.



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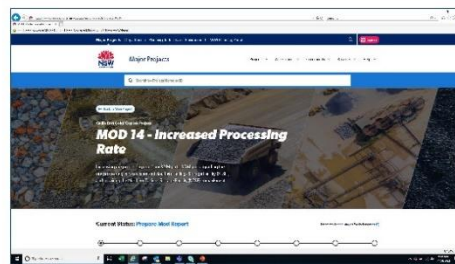
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## CVO – Processing Rate Increase Modification Next Steps



- The Modification 14 Report was submitted to DPI&E in December 2020.
- The report and associated appendices will be on public display from 21<sup>st</sup> January 2021 – 19<sup>th</sup> February 2021.
- Community members were notified via a Public Notice that was placed in local papers and emailed.
- Access to the report is available on the DPI&E Major Projects Website
  - <https://www.planningportal.nsw.gov.au/major-projects/project/36686>



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## Environment Update – Vicki Hood

### Environmental Performance (October-December)



#### Reportable Incidents

No reportable incidents.

#### Attended Noise

- There was no attended noise monitoring conducted during the period.

#### Unattended Noise (Cadia Noise Trailer)

- Unattended noise monitoring was conducted at 5 locations during the Oct – Dec period (2 around the mine site and 3 around the CDF).
- A total of 20 Project Approval EPL noise exceedances were reported during the period. All exceedances were associated with train movements at the CDF.

#### Blasting

- No vibration and overpressure exceedances.

#### Air Quality

- No exceedances were recorded between August and December 2020.

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## Noise Exceedances

All noise exceedance reports were associated with the train movements at the Cadia Dewatering Facility. Cadia manages the issue with local residents by installing double glazed windows and A/C in affected houses, as well as putting in solar panels to reduce electricity usage.

## Incidents

While not in this quarter's (December) reportable incidents, there was an incident in January that is important to talk through. From 19 - 21 January there was a pipe failure resulting in an uncontrolled release of approximately 3.9ML water into Cadia Angullong creek. The water discharged was primarily fresh water with a portion of

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water runoff (from recent rains) from the NSTSF. Cadia immediately implemented a water monitoring / sampling regime to confirm there was no contamination. The results have shown that the discharge didn't have negative impacts on the creek.

Cadia is currently providing the Mining Regulator with incident information and test results. We will provide a full briefing to the CCC at the next meeting.

## Cadia Dewatering Facility

### Environmental Management

- Cadia Dewatering Facility: (Complete)
  - 100% of the dewatering plant and the associated concrete apron (for loading trains) is contained, with any rainfall runoff reporting to a HDPE lined storage dam, where water is returned to Cadia for re-use,
  - tree planting (visual screen) complete.



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Demolition is now complete. The remaining concrete foundations were removed along with the copper contaminated soil from the site, with the soil transported to Cadia for placement and encapsulation in the Cadia South Waste Rock Dump.

A detailed soil testing regime was implemented to verify that contaminants had been properly removed with no residual risks for the owner of the property.

Site was backfilled with clean soil followed by a layer of gravel placed over the surface and compacted, allowing future industrial use of the site, and Cadia is currently liaising with a neighbouring landholder regarding the removal of some additional contaminated soil in an adjoining area, these final works are expected to be undertaken in early 2021.

Mark Hodges – What is the water quality like in the new catchment site [the Cadia Dewatering Facility]?

Vicki Hood – Unsure at this stage, we test the soil rather than the water but are yet to complete soil testing since the completion of the project

Jane Chung – Drainage of the new site is a lot more controlled, making the area near the containers much better and uncontaminated. Also ensuring that operators are cleaning the containers in the shed before moving them outside. Processes and training for these changes have been updated accordingly to reflect these changes.

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Matthew Armstrong - Happy to organise tours of new dewatering facility in near future once COVID-19 settles down.

## Water

### Site Water Balance



#### Water

- Cadia currently has an estimated 20,000 ML of water on site in December 2020.
- Total water storage has remained steady over the past months.
- Cadiangullong dam storage has decreased steadily (now at 64%) due to usage and a decrease in inflows over the spring period.
- Belubula river flows have also decreased and Cadia is only assessing extraction opportunities during Uncontrolled Flow events, not from Carcoar Dam releases.
- Pumping from Flyers Creek over the past quarter has been minimal due to insufficient flows.

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### Water Storage & Extraction



Storage (FYTD Dec 2020)	Storage (ML)	Percentage
Cadiangullong Dam	2,701	64%
URC Dam	8,955	62%
Pit	~8,100 (estimated)	
Total	~20,000 (estimated)	Incl 893 ML Cadia Extended+350 ML on TSFs
	FY21 YTD Extraction (ML)	Entitlement (ML)
Cadiangullong Dam Extraction	3,876	4,200 (8,400 incl carryover)
Flyers Creek	753	
Cadia Creek	551	
Runoff (Copper Gully Creek & Rodds Creek)	636 (estimate)	
Cadiangullong Total	5,816 (estimate)	
Water Extraction (FYTD Dec 2020)	FY21 YTD Extraction (ML)	Licence Share (ML)
Belubula General Security	190 Uncontrolled Flow Account	4080
Belubula Supplementary	3,056	3,125
Lachlan Fold Belt Groundwater (bores)	25.2 (estimate)	371
Lachlan F.B. Groundwater (mine dewatering)	247 (estimate)	931
Orange Basalt Groundwater (mine dewatering)	13.6 (estimate)	286
Orange Town Effluent	1,654	N/A

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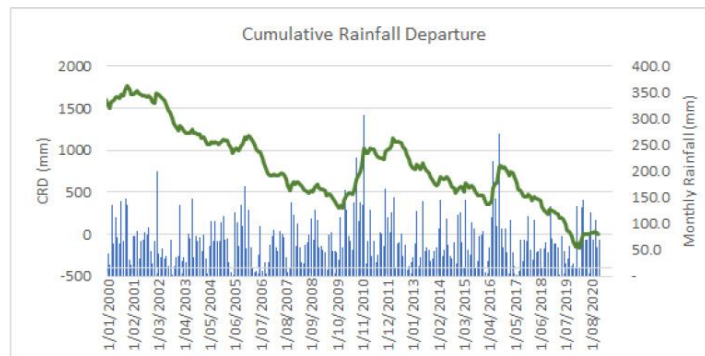
Kim Masters – Testing of Orange effluent water, with COVID-19 outbreaks has there been monitoring similar to the report you hear about from Sydney?

Mark Hodges – Public Health Unit will come out and test, the latest results come back negative. Public health will also post results on their website. Effluent poses no COVID-19 risk.

## Regional Rainfall



- From October to December - 233 mm rainfall recorded at Orange Airport, which is the average for the period.
- Cadia recorded 219 mm over the same period, averaged across the monitoring network.

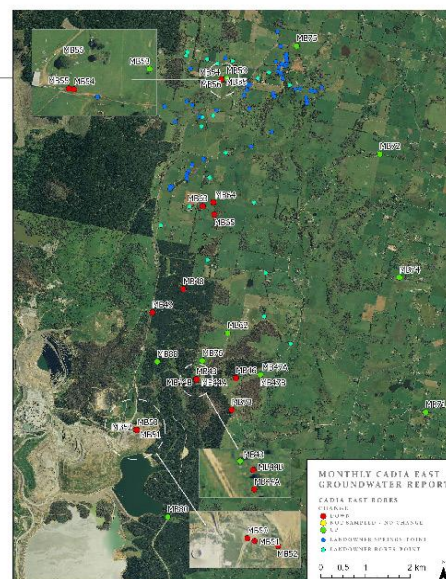


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## Groundwater

### Cadia East Groundwater

- The map shows change in water level from September to December 2020.
- Water levels in approximately half of the bores showed an increase over the period while half decreased.



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*Red dots = decrease, which look to be sitting in the Basalt area*

Graham Brown - Lachlan groundwater & Orange basalt groundwater of monitoring bores, why are both estimates?

Jane Chung – Cadia has an extensive network of groundwater bores which are used to monitor groundwater at various depths and aquifer types.

Vicki Hood - Will discuss with Nic for more information on the bore water levels.

**Action** – Vicki to explain why 'estimate' figures are used and send through electronic version of graphs to Mark



# MINUTES

Cadia Valley Operations

Community Consultative Committee



**Updated Actioned Response:** *(from after the meeting)* - Groundwater monitoring bores are used to measure the level and water chemistry of groundwater around Cadia, in various aquifers (aquifers are groundwater 'zones'). Groundwater monitoring bores are not licensed for water extraction. The licensed groundwater extraction at Cadia occurs mainly from several licensed production bores and from groundwater that flows into the underground mine.

Licensed groundwater extraction for Orange Basalt and Lachlan Fold Belt occurs from bores and mine dewatering activities. While bores are metered, the groundwater extraction from the mines is determined based on a reconciliation of input and output data which includes water pumped in, water pumped out, ore moisture, rainfall ingress and ventilation losses. Throughout the year, groundwater extraction is stated as an estimate and a final reconciliation is done each financial year to report annualised usage to Water NSW.

Re: Lachlan Ford Bores - Lachlan Fold Bores extraction is metered. This was incorrectly stated as an estimate.

## Community Relations Update – Matthew Armstrong

Matt Armstrong provided an update on community activities, investments and complaints.

### NAIDOC Week

#### Cadia Community Activities

- Celebration of NAIDOC week with representatives from the Orange Aboriginal Land Council and The Clontarf Foundation Canobolas Academy Dance group.
- Cadia's General Manager, Aaron Brannigan attended the Resources for Regions announcement where the Hon Paul Toole MP announced \$3.05 million in successful projects approved for Blayney Shire Council.
- Three tertiary scholarships recipients have been selected to assist local students in their studies and support industry areas that will benefit the wider community.
- Cadia Salvation Army Christmas Appeal – Cadia site wide appeal with staff donating gift cards to support those in need at Christmas.
- Calare Primary Schoolyard Blitz



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Celebration of NAIDOC week held in the small covered walkway entrance due to wet weather / lightening alerts. It was a really worthwhile event.

# MINUTES

Cadia Valley Operations

Community Consultative Committee

## Calare Primary – Schoolyard Blitz



- 30 Cadia volunteers
- 300 hundred hours
- Many many student volunteers
- Welcome to Country from the students themselves.



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# MINUTES

Cadia Valley Operations

Community Consultative Committee

## Newcrest Community Support Fund



Newcrest's Community Support Fund (CSF) has provided funding towards several initiatives to support the local community through the impacts of COVID-19.

Committed Projects - \$455,000:

- \$355,000 - Fundraising Beyond the Curve,
- \$100,000 - Gotcha4Life Program.
- Completed projects - \$963,000:
  - \$500,000 - Business Beyond the Curve,
  - \$150,000 - Shop Orange initiative,
  - \$75,000 - Fit-out of *The Orchard* domestic violence facility,
  - \$149,000 - Computer equipment for immune-comprised children (Orange, Blayney & Cabonne schools),
  - \$32,000 - Face mask 'Fit Test' machine for Orange Health Service,
  - \$57,000 - Freestanding hand sanitiser dispensers.



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## Community Partnership Funding – FY21



**FY21 donations to date (not including Newcrest's CSF) total \$440,000 (spent or committed)**

Recent major donations included:

- \$20,000 – Light up Orange, New Year's Eve event.
- \$15,000 – Bowen Community Technology Centre
- \$12,000 – Shop local Christmas promotion
- \$10,000 – Orange Regional Arts Foundation
- \$6,000 – Panuara Rural Fire Brigade
- \$4,160 – Salvation Army Christmas Appeal, donation of gift cards
- \$4,000 – Orange Bicycle Users Group
- \$2500 – Molong Pantry
- 62 refurbished laptops and 16 refurbished tablets have been donated to community organisations.



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# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## CDEP Sticky Nightshade

A presentation slide titled 'LOCAL RESIDENTS: LOCAL PROJECTS' with a green header. It includes a CDEP logo and a 'CDEP Update' section with a bulleted list of committee activities and upcoming events. The slide number '31' is in the bottom right corner.

**CDEP Update**

- Last committee meeting was held in Dec 2020
- FY21 Programs and funding confirmed:
  - Sticky Nightshade, support for on-ground treatment of weeds underway
- Upcoming Activities:
  - Residents Christmas Party – Feb 12 2021 (Delayed due to COVID-19)
  - Good Onya Applications & Educational Grants awarded
  - Chemcert Accreditation (June / July 2021 – TBC)
  - First Aid Certification (April 2021)
- Next committee meeting to be held 16<sup>th</sup> March 2021

Kim Masters - noted that Sticky Nightshade has started to move into higher areas and the occasional plant is popping up in Forest Reefs.

Graham Brown – It only takes 3 weeks for the weed to pop up. It started on the Narambon property which now Cadia owns. It was brought in the feed for the feedlot just before it was sold to Cadia.

Geoff Knox – They can now be seen growing out of cracks in the footpaths alongside the highway as you come into Sydney [Penrith].

Matthew Armstrong – Cadia had a meeting with LLS and DPI. Currently looking at mapping the area to assist with treatment.

## General Business

### Residents Christmas Party

Going ahead this Friday (12<sup>th</sup> Feb), no contingency plan for wet weather, as this would breach of our COVID-19 Safety Plan.

### Cadia History

Aaron Brannigan – We received correspondence from a Steve Black who contacted Cadia yesterday afternoon. ~~His-He and his family are celebrating his~~ great great grandfather's ~~will be celebrating his~~ 200<sup>th</sup> birthday this year. He used to work in the region and both he and his wife are buried here at Cadia. Steve is very keen to visit the grave site for the celebration during Sept 2021.

**MEETING CLOSED – 7:40 PM**

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



<b>TITLE</b>	Cadia Community Consultative Committee Meeting	
<b>Meeting Date &amp; Time</b>	10 August 2020 @ 6:15PM	
<b>Acting Chairperson</b>	David Johnson	Chairperson
<b>Meeting Attendees</b>	<div>Aaron Brannigan    General Manager (Cadia)</div> <div>Merrilyn Tinsley    HSESR Manager (Cadia)</div> <div>Jane Chung    Approvals &amp; Community Supt (Cadia)</div> <div>Vicki Hood    Environment Superintendent (Cadia)</div> <div>Matt Armstrong    Senior Social Performance Specialist (Cadia)</div> <div>Mark Dicker    Blayney Shire Council</div> <div>Mark Hodges    Orange City Council</div> <div>Chris Baker    Blayney Landowner</div> <div>Graham Brown    Orange City Council Landowner</div> <div>Kim Masters    Forest Reefs / Flyers Creek Landowner</div> <div>Bob Meyenn    Cabonne Shire Council Landowner</div> <div>Geoff Knox    Errowanbang Shire Landowner</div>	
<b>Apologies</b>	Heather Nicholls	Cabonne Shire Council
<b>Venue</b>	Skype	
<b>Next Meeting</b>	TBA - November 2020 @ 6:00PM	

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## ACTIONS

Ref #	Action Items	Who	Due By
1.	Arrange a site tour for Bob Meyenn and David Johnson.	Matt Armstrong	31/12/2020
2.	Collate and distribute the specifications of the grass seed varieties combined with the hydramulch product for distribution across the tailing's storage facilities	Matt Armstrong	31/08/2020
3.	Include Orchard Road within the traffic assessment of Cadia Road	Jane Chung	31/12/2020
4.	Engage with Cabonne Council and local landholders regarding the Panuara and Cadia Road intersection and the dangers identified to turning and entering traffic.	Jane Chung	31/12/2020
5.	Amend the CCC Procedure to incorporate a notification to all Cadia residents prior to the meeting for provision of matters for discussion or enquiries and a notification to all Cadia residents following the last meeting and advising the minutes are publicly available on the Cadia website.	Matt Armstrong	31/10/2020
6.	Amend the CCC Procedure to incorporate provision of the agenda and presentation to all members of the community at least 2-days prior to the CCC Meeting.	Matt Armstrong	31/10/2020
7.	Contact each member of the CCC to identify a suitable alternative date for the November 2020 meeting.	Matt Armstrong	31/08/2020

## MEETING WELCOME AND INTRODUCTIONS

David Johnson opened the meeting at 6:14PM and welcomed all attendees.

Apologies for the meeting tendered for Heather Nicholls.

## MINUTES OF PREVIOUS MEETING

The minutes of the previous meeting held on Monday, 11 May 2020 were approved as a true and accurate reflection of the meeting.

**Mark Hodges / Graham Brown**

**Carried**

## BUSINESS ARISING

There was no arising business for discussion.

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## ACKNOWLEDGEMENT OF COUNTRY

David Johnson delivered an acknowledgement of country.

## SAFETY SHARE

There was no safety share for discussion.

## DECLARATION OF INTERESTS

Geoff Knox disclosed a pecuniary interest related to drilling activities at Meribah related to life of mine tailings storage. The committee acknowledged the disclosure.

## PRODUCTION AND SITE UPDATE

Aaron Brannigan provided an overview of the Newcrest and Cadia highlights for the financial year and previous quarter.

Aaron Brannigan provided an overview of current site activities.

Aaron noted that since finalisation of the meeting agenda, that a positive case of COVID-19 has been reported at Newcrest's Lihir Operation in Papua New Guinea. Lihir's COVID-19 procedures worked as they should have and the person was identified while in isolation.

### Production Highlights



#### Full Year Results:

##### Newcrest

- Gold production of 2,171koz, in line with FY20 Guidance (2,100-2,200koz).
- Copper production of 137.6kt, just below the FY20 Guidance (145-150kt).
- Newcrest All-In Sustaining Cost - \$862 per ounce (gold)

##### Cadia

- Gold production of 843.3koz, above the FY20 Guidance (800-840koz), primarily driven by a record mill throughput of 34.2 mtpa in the June quarter.
- Copper production of 96kt, just below the FY20 Guidance (~100kt).
- Cadia All-In Sustaining Cost - \$160 per ounce (FY19 AISC of \$132 per ounce).

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## Happenings On Site



### COVID 19 – Operational Response

- Cadia has re-introduced more stringent preventative actions and controls in response to the outbreaks in Victoria and some areas of Sydney.
- Cadia has rolled out its site orientated contact tracing system called Safety Trace.
- Cadia's operations continue to remain largely unimpacted by COVID 19.
- Newcrest has nil positive cases across its operations.

### COVID 19 Community Support Fund

- \$814,335 donated to date, with \$650,000 of that focussed on supporting local businesses.

### Operations

- Cadia achieved a record annualised 'mined ore' volume of 31.8mtpa.
- Record annualised mill throughput rate of 34.2mtpa in the June quarter.
- The good results reflect the combination of no planned shutdown events coupled with the successful implementation of debottlenecking initiatives in the Concentrator 1 circuit.

### General Manager Appointments

- Aaron Brannigan appointed as Cadia's new General Manager, replacing Peter Sharpe who has been appointed as the new General Manager at Lihir, PNG.

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## Cadia Expansion Project (CXP) - Update

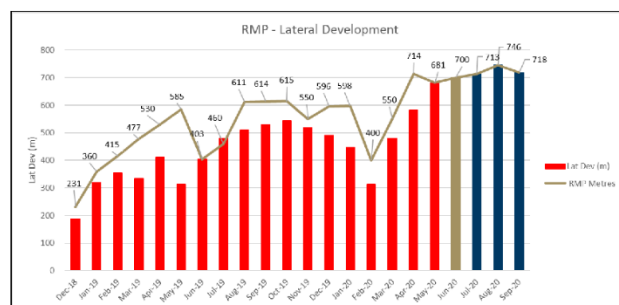
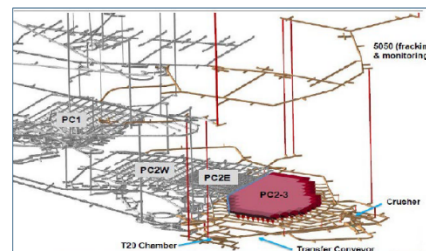


### Progress

- Design work for CXP is well underway.
- Lateral Development as per the Rolling Monthly Plan (RMP) is on-track.

### Contractors

- Newcrest has appointed WSP as the Procurement and Construction Manager (PCM) to deliver Stage 1 of the Cadia Expansion Project.



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# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## NTSF and STSF Dust Management – Update



- Erizon has now applied over 500 batches of hydro-mulch and is maintaining a 3 ha per day coverage rate.
- Grass seed mixed into the hydro-mulch batches has continued to sprout well.
- Cadia's Panther has mobilised to the NTSF after completing the application of dust suppression products on the STSF.
- Monthly Project Updates being issued to the community.



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## PTSF Tailings Deposition – Update



- All tailings are currently directed to the PTSF
- The tailings decant pond level is currently at 592.6mAHD which represents 21% of the approved capacity
- There is approximately 2,600 ML of water stored over the tailings.
- Two monitoring bores have been constructed in the pit (MB94 and MB96) to monitor groundwater levels and chemistry adjacent to the pit. The existing monitoring bore (MB95) has been decommissioned prior to being inundated by the tailings.
- The water level in MB95 has consistently been 2-3m above the pit water level, indicating that the flow of groundwater has remained towards the pit.



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# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## Drilling Activities to the South of the Southern Tailings Storage Facility



- Cadia Valley Operations (CVO) is planning on conducting a drilling program to the south east of the Southern Tailings Storage Facility.
- The site investigations form part of studies that are examining the feasibility of constructing a new Tailings Storage Facility.
- These studies are currently in the Feasibility Stage which will take at least 6 months.
- The activities include drilling, test pits and environmental studies to gain a better understanding of the geology, geotechnical conditions and biophysical strategic agricultural land (BSAL).
- Near neighbours & tenants have been engaged via 1:1 meetings.
- This information was also provided at a residents meeting on 1 July 2020.

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## Projects on-site – Updates



### Moly Plant

- Construction on-track for first production to commence FY21 and Full Load commissioning FY22
- Community concerns raised about construction crews using a public UHF channel that was in use for farm communications.
- Cadia is currently engaging with near neighbours to identify UHF channels that are not in use and can be used by contractors.



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# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## Projects on-site – Updates



### Surface Preconditioning Trial

- 3 of 3 drill holes completed (5th Jul).
- No community concerns raised during drilling stage.
- Hydraulic fracturing starts 11th Aug and will take ~20 days, pumping on dayshift using diesel pumps with night shift coverage for equipment readiness and general maintenance only.
- Water used is the same as pumped into Cadia East.
- After each pumping stage, the fracture closes and forces the water back to surface where it is re-used on the next hole. At the end of the Trial program, the water will be recycled back to the Mine system.
- The cased drill holes will be pumped out to ensure no leakage into the rock mass.
- The valves shown above will be removed and holes capped with a steel plate.



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**Question:** What are the grass seed varieties combined with the hydramulch product for distribution across the tailings's storage facilities? (**Graham Brown**)

**Answer:** A breakdown of the varieties was detailed in one of the early monthly Project Updates that are sent to community members. A full breakdown will be sent to all members of the committee after the meeting (**Matthew Armstrong**)

## PROJECT MODIFICATIONS AND APPROVALS UPDATE

Jane Chung provided an overview of upcoming and existing project modifications and approvals.

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## Modification 14 - Processing Rate Increase and NTSF Repair



- Cadia Holdings Pty Limited) permitted to process ore at 32 Million tonnes per annum (Mtpa).
- Modification seeking to increase the processing capacity from 32 Mtpa to 35 Mtpa:
  - increased rate to be met through upgrades to existing ore processing infrastructure and changes to train operations at Blayney.
- The Modification also proposes to:
  - repair the slumped section of the Northern Tailings Storage Facility (NTSF) to allow recommencement of tailings deposition;
  - alter design of TSF embankment lifts to achieve the approved deposition volumes; and
  - continue pre-conditioning of the Cadia East overburden (to assist with subsidence management).

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## CVO – Processing Rate Increase Modification Background



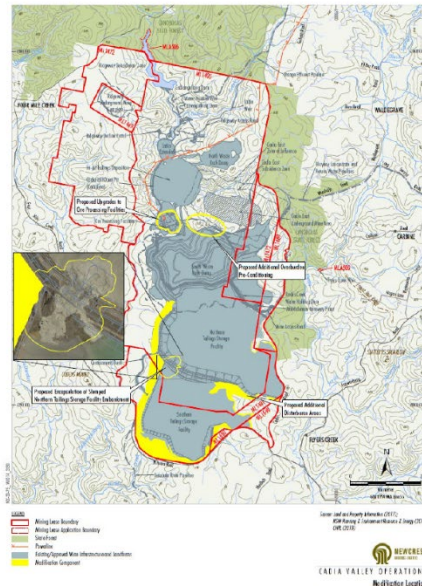
- There would be no change to the following as a result of the Modification:
  - total life of mine ore production;
  - mining method;
  - Cadia East underground footprint;
  - predicted extent of final subsidence zone;
  - maximum approved heights of TSF embankments;
  - waste rock management;
  - method of transport to Blayney Dewatering Facility;
  - water supply and storage infrastructure; and
  - operational hours and workforce.

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# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## CVO – Processing Rate Increase Modification Overview

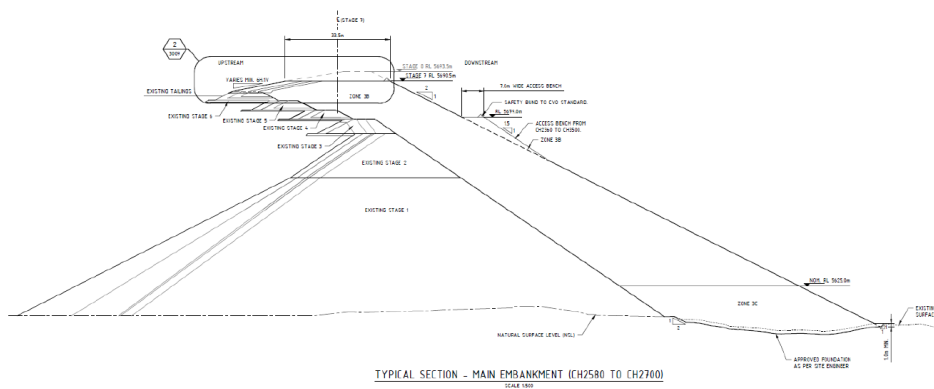


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## CVO – Processing Rate Increase Modification TSF Works



- STSF indicative design details



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# MINUTES

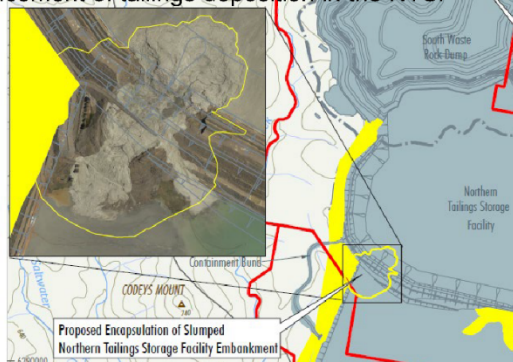
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## Northern Tailings Storage Facility (NTSF) Embankment Slump



- Repair of slumped section of the NTSF embankment following limited breakthrough of tailings in March 2018 to be included in Mod 14
- Pre-feasibility study underway to select final repair option – to incorporate outcomes of review by Independent Technical Review Board (ITRB). Three options currently being reviewed.
- Recommencement of tailings deposition in the NTSF



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## CVO – Processing Rate Increase Modification Next Steps



- Scoping Meeting held with the Department of Planning, Industry and Environment (DPIE) on 10 June 2020
- Information provided to local community on 1 July 2020;
- Three local councils informed in meeting on 10 July 2020;
- Key regulators have been sent a letter of notification regarding the modification.
- Ongoing stakeholder engagement and incorporation of feedback
- Complete specialist studies and Modification Report
- Lodgement of Modification application – late 2020
- Exhibition of Modification Report expected – late 2020 or early 2021 (DPIE process)

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# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## CVO – Processing Rate Increase Modification Environmental Assessment



- The Modification will include the following assessments/reviews:
  - Air Quality and Greenhouse Gas Assessment and Noise Assessment
  - Surface Water Assessment
  - Groundwater Review
  - Biodiversity Development Assessment Report
  - Aboriginal Cultural Heritage Assessment and Historic Heritage Assessment
  - Economic Assessment
  - Geotechnical Review
  - Traffic Assessment
- Of note:
  - Aboriginal cultural heritage and biodiversity surveys are currently underway for new disturbance areas (TSF embankment upgrades)

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**Question:** Is there a backlog of materials to be exported from Blayney due to delays to railway activities caused by the bush fires? (**Graham Brown**)

**Answer:** No, all backlog was processed earlier in the year (**Aaron Brannigan**)

**Question:** Will there be a greater disturbance area due to the change in tailings storage facilities embankments from up-stream lift to centre-line lifts? (**Chris Baker**)

**Answer:** Yes. (**Jane Chung**)

**Question:** Will the change in tailings storage facilities embankment construction method impact the seepage dam and pumping from the seepage areas? (**Chris Baker**)

**Answer:** It is not expected the lifts will come far enough out to impact seepage pumping or dams (**Jane Chung**)

**Question:** Will the new designs require a lot more material? (**Chris Baker**)

**Answer:** Yes, and the upcoming modification includes identification of materials, and where it will be transported from. There will also be limitations on hours of construction, works will be day only. In addition, the noise and dust assessments will be informed by the type and transport of required materials. (**Jane Chung**)

**Question:** Could we look at including Orchard Road as part of the traffic assessment (**Bob Meyenn**)

**Answer:** Yes. (**Jane Chung**)

# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## ENVIRONMENTAL PERFORMANCE UPDATE

Vicki Hood provided an update on the environmental performance, monitoring and management.

### Environmental Performance (April - June)



#### Reportable Incidents

Nil.

#### Attended Noise

- No attended compliance monitoring was completed during the period.

#### Unattended Noise (Cadia Noise Trailer)

- Monitoring was conducted at several properties surrounding the mining lease and the Cadia Dewatering facility during the period. Noise levels were found to be non-compliant on one occasion at Rosebank and on six occasions (train noise) at 247 Newbridge Road Blayney.
- The investigation of the exceedance at Rosebank was concluded to be a source not associated with mining operations as no surface operating equipment was operating at the time or in the vicinity and possible community contribution could not be discounted.

#### Blasting

- No vibration and overpressure exceedances were recorded for the quarter.

#### Air Quality

- No Project Approval exceedances
- Non-conformance with the EPL (April).

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### Environmental Management



- Old Blayney Dewatering Facility (Demolition & Remediation)
  - Building, Concrete and contaminated soils removed.
  - Validation soil sampling has been completed.
  - Backfill with clean material complete.
  - Offsite drainage line and rail corridor sampling to be completed.
- Cadia Dewatering Facility
  - Drainage improvement works nearing completion



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# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## Environmental Management



- Progressive Rehabilitation (On Site)
  - A total of 5 hectares of rehabilitation was completed on site as required in the MOP (as approved by the Resource Regulator)
- Blayney Copper Mine (Rehabilitation)
  - Development Application being prepared.
  - Adjustments were made due to heritage requirements.

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## Tailings Dust Assessment Project - update



### Background

- Project to sample and analyse the composition of the dust from the TSF's to provide reassurance that the dust doesn't pose a health risk.

### Progress

- Geochemical & mineralogy testing of tailings (whole, & <10µm (PM10) & soluble fractions) - completed.
- Geochemical and mineralogy testing of 'tailings' dust sampled from neighbouring properties using high-volume air samplers – sampling commenced, analysis to be completed in September 2020.
- Geochemical and mineralogy testing of 'vent' dust using low-volume air samplers - sampling commenced, analysis to be completed in September 2020.
- Community Tank Drinking Water testing – sampling in August, analysis in September 2020

### Preliminary Results

- All preliminary results indicate there are no community health impacts.
- Report is due Sept / Oct 2020. Community Factsheets will be prepared and distributed, 1) Preliminary Results in August, and 2) Final Results at the completion of the project.

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# MINUTES

Cadia Valley Operations  
Community Consultative Committee



## Site Water Balance



### Water

- Cadia currently has an estimated 11,800 ML of water on site in July 2020, with approximately half held in Upper Rodds Creek Dam.
- Total water storage has increased significantly over the past few months due to good rainfall runoff in the mine's catchments.
- Cadiangullong dam has increased to 42% with recent peak inflows of nearly 390 ML/day.
- Cadia has been extracting water from the Belubula river under its Supplementary water licence which permits extraction of river water during periods of high flow.

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## Water Storage & Extraction



Storage (July 2020)	Storage (ML)	Percentage
Cadiangullong Dam	1,687	40%
URC Dam	6,147	42%
Pit	~2,671 (estimated)	
Total	~11,266 (estimated)	Incl 761 ML Cadia Extended

	FY21 YTD Extraction (ML)	Entitlement (ML)
Cadiangullong Dam Extraction	957 (estimate)	4,200 (8,400 incl carryover)
Flyers Creek	36 (estimate)	
Cadia Creek	5 (estimate)	
Runoff (Copper Gully Creek & Rodds Creek)	No estimate available	
Cadiangullong Total	998 (estimate)	

	FY21 YTD Extraction (ML)	Licence Share (ML)
Belubula general security	0	4080
Belubula Supplementary	962	3,125
Lachlan Fold Belt Groundwater (bores)	60	371
Lachlan F.B. Groundwater (mine dewatering)	30 (estimate)	931
Orange Basalt Groundwater (mine dewatering)	6 (estimate)	286

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# MINUTES

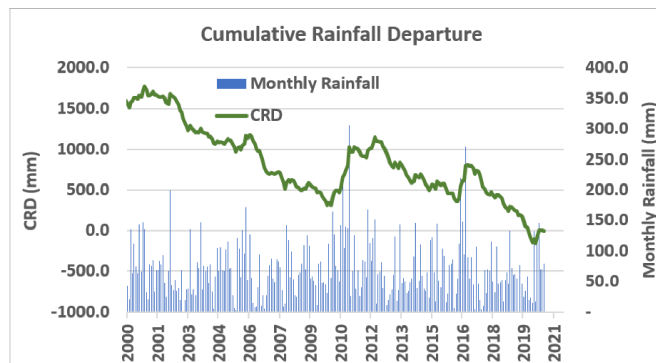
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Community Consultative Committee

## Regional Rainfall – significant deficit



Following an extremely dry last quarter of 2019, the region has received some good rainfall since January. 644 mm was recorded at Orange Airport from January to July 2020 (average for this period is 502mm). Total for 2019 was 479.

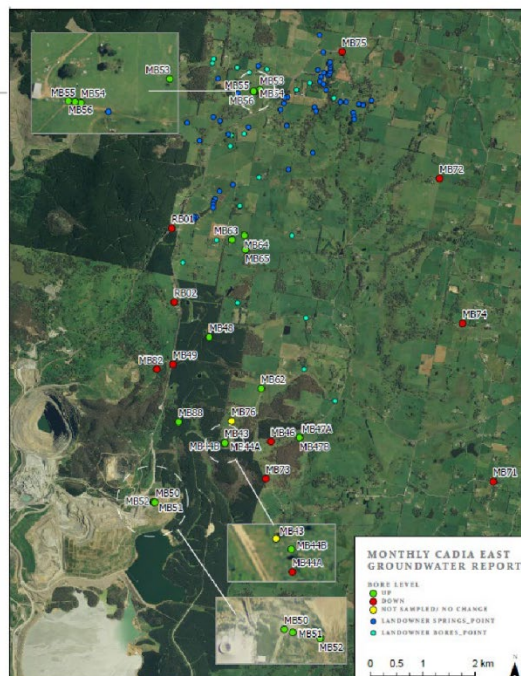
This rainfall is clearly evident on the CRD chart below.



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## Cadia East Groundwater

- The map shows change in water level since November 2019.
- Many bores on the map have shown an increasing trend in groundwater level, particularly in the past month. These are MB44B, MB47A/B, MB48, MB50, MB51, MB52, MB53, MB54, MB55, MB56, MB88, MB56, MB62, MB63, MB64 and MB65.
- Other bores continue to show a steady water level trend or a continuing declining trend (MB44A, MB46, MB49, MB71, MB72, MB73, MB74, MB75, MB82, RB01, RB02) indicating that recharge events are not yet reaching the water table.



**Question:** When are the final results from the dust study expected to be shared with local landholders? (**Graham Brown**)

**Answer:** The end of October 2020 (**Vicki Hood**)

**Question:** Where is the water pumped from the Belubula River stored? (**Chris Baker**)

# MINUTES

Cadia Valley Operations  
Community Consultative Committee



**Answer:** Rodds Creek Dam (**Vicki Hood**)

**Question:** Do you find there are significant differences between the Cadia and Orange Airport rainfall reports? (**Graham Brown**)

**Answer:** There can be variations depending on the conditions (**Vicki Hood**)

**Question:** Is there dewatering from Ridgeway occurring? (**Graham Brown**)

**Answer:** There is some as Ridgeway is being managed in care and maintenance mode (**Vicki Hood**)

## COMMUNITY RELATIONS UPDATE

Matt Armstrong provided an update on community activities, investments and complaints.

### RECENT ACTIVITIES

#### Community Support Fund



The A\$20 million Newcrest Community Support Fund (CSF) provided funding towards several initiatives to support the local community through the impacts of COVID-19.

**\$814,335 donated to date.**

Major initiatives include:

- \$500,000 - Newcrest's Business Beyond the Curve Program.
- \$150,000 - Staycation Giveaway with Orange 360.
- \$75,500 – support the final fit out of Orange's first Domestic Violence Crisis Centre, The Orchard.
- \$57,000 - 100 x hand sanitiser bollards for sporting and outdoor recreational areas.
- \$32,000 - 'Portacount' machine to test the fit of facemasks used by Orange Health Service medical staff.





# MINUTES

Cadia Valley Operations  
Community Consultative Committee

## Business Beyond the Curve – Program snapshot



- Newcrest's Business Beyond the Curve Program was established in June to provide financial support to local businesses impacted by COVID-19.
- The program is run by Central NSW Business HQ and supported by the Orange Business Chamber.
- A Committee meets weekly to review applications for restart and recovery grants. The program also includes support from qualified business advisors in the development of recovery and business continuity plans to equip them to thrive 'beyond the curve' of COVID-19.
- 70 grants totalling \$230,800 have been awarded to date.

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## PARTNERSHIP FUNDING

# MINUTES

Cadia Valley Operations  
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## Community Partnership Program Funding – Quarterly Update



### Cadia COVID-19 Community Partnership Funding

Contribution totalling over \$280,000 were made to a wide variety of projects focussed on COVID-19:

- \$35,500 - laptops and iPads for the Orange and District Early Education Program.
- \$31,500 - equipment for Orange Health Service.
- \$30,000 - online portal for the Orange Farmer's Market.
- \$25,000 - Smith Family's Learning for Life program.
- \$15,300 - headsets and training for Lifeline Central West.
- \$13,500 - weekly onsite breakfast program to support local food vendors.

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## Community Partnership Funding – Quarterly Update



### Cadia COVID-19 Community Partnership Funding

A wide variety of smaller projects were supported also, including:

- Orange Community Broadcasters.
- Drink bottles for students at 21 local schools.
- Meals for COVID-19 response team workers.
- Permanent awning and volunteer uniforms for FoodCare Orange.
- COVID-19 treatment chair and infra-red thermometer for Blayney Health Service.
- Meals for distribution through Orange Uniting Church.
- Orange Salvation Army online Red Shield Appeal.
- Basketball towers at Cudal Tennis Club.



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## Community Partnership Funding – FY20



**Donations during FY20 (not including Newcrest's CSF) totalled \$835,137.38.**

Major donations included:

- \$100,000 - Canobolas Clontarf Academy (FY20 and FY21 payments)
- \$60,000 - Natural Resources Coordinator for Orange Local Aboriginal Land Council
- \$52,000 – Orange360 Village Tourism Program (FY20 and FY21 payments)
- \$50,000 – Uralba Retirement Village (FY20 and FY21 payments)
- \$39,885 - Exercise and emergency equipment for Orange Health Service
- \$35,000 – Western NSW Local Health District PITCHit event
- \$33,000 - Newcrest Orange Challenge (FY20 and FY21 payments)
- \$25,000 – Orange City Council Gosling Creek track widening



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## Newcrest CEO Cadia Community Activities



- In July Newcrest CEO, Sandeep Biswas, visited Cadia.
- During this time he visited the Moly plant construction crew who donated their safety award (cash) to the Canobolas Zone Rural Fire Service.
- Sandeep visited the Orange Health Service for Cadia's donation of a PortaCount machine to test respiratory mask effectiveness.
- Sandeep also visited Jack Brabham Park to see Cadia's donation of hand sanitiser bollards for sporting ovals and parks in Orange.
- The visit also included a meeting with Cadia District community members, a recipient of the Newcrest Business Beyond the Curve Committee and the Orange Local Aboriginal Land Council.



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# MINUTES

Cadia Valley Operations  
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## CADIA DISTRICT ENHANCEMENT PROJECT

### **Cadia District Enhancement Project – COVID-19 Initiatives**



#### Community Supporting Community Hampers

- 200 Hampers delivered (99 CDEP Landholders and 101 donated to FoodCare Orange, Rotary Club of Blayney, Canowindra CWA, Canowindra Foodbank, Cudal CWA, Molong Food Pantry, Yeoval Community Health Centre.
- Suppliers were very generous - Ashcrofts IGA Orange, Bernardi's IGA Blayney, Hillside Harvest, Manildra Flour Mill, MSM Milling, Grant's Express.
- \$55,000 CDEP contribution.



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### **Cadia District Enhancement Project – COVID-19 Initiatives**



#### Online Educations

- Three successful applicants to undertake studies across agriculture and social work.
- \$10,000 CDEP contribution.

#### Reception Booster

- Fourteen CDEP residents have applied for a mobile and internet reception booster.
- Residences to be assessed to understand if a booster will be of benefit.
- \$20,000 CDEP contribution (residents to contribute also).

#### Panuaa Recreation Area Upgrades

- CDEP are implementing improvements to the Panuaa Recreation Area to make it safer and more versatile for continued and expanded uses.
- \$40,000 CDEP contribution.

**Sincere thanks to CDEP's Chair, Florence Ovenden, Deputy Chair, Mike Retallack, and Secretary, Edwina Crossing, for enabling the roll out the CDEP CV19 initiatives at very short notice.**

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# MINUTES

Cadia Valley Operations  
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## Cadia District Enhancement Project Programs



### Telecommunications Project

- 2020 - Flyers Creek tower, progressing in the next couple of months.

### Farm Trees

- 90 orders taken and nearly 5000 trees delivered.



### Roadside Waste Collection Service

- Small cost increase for residents from November 2020.
- 5 Waste pick-ups and 22 Recycling pick-ups are unallocated. Cadia is working with Pakman Waste to identify new users.

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## COMMUNITY COMPLAINTS

### Community Complaints

#### July 2020

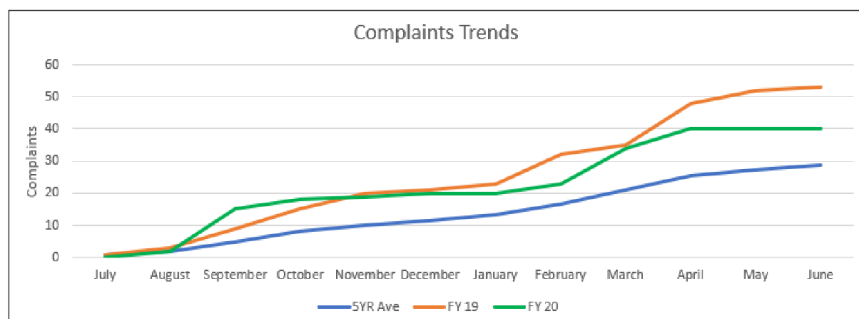
Nil

#### June 2020

Nil

#### May 2020

Nil



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# MINUTES

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## GENERAL BUSINESS

### WIDER COMMUNITY CONSULTATION

Graham advised he would like to implement a process to include wider community awareness and contribution for CCC meetings. Graham advised a notification should be provided to Cadia residents two-weeks prior to each meeting asking for any matters for discussion or queries to the committee; and notification that the previous meetings minutes have been uploaded to the website and publicly available sent to the Cadia residents. The committee discussed and agreed. Matt Armstrong will incorporate as part of the CCC general meeting preparatory requirements.

### MEETING GOVERNANCE

Bob Meyenn queried if the agenda and presentation could be provided greater than a few hours prior to the meeting, suggesting two days prior. The committee discussed and agreed having time to read and prepare questions for submission prior to the meeting, to more easily facilitate and provide responses to the committee at the time of the meeting. The committee agreed and Matt Armstrong will amend the CCC procedure to encapsulate distributing the agenda and business papers at least 2-days prior to the CCC Meeting.

### NEXT MEETING

David Johnson queried if the date of the next meeting could be altered due to conflicting priorities. Matt Armstrong advised he will contact committee members and identify an alternative date in lieu of connectivity and communication limitations associated with skype.



# MINUTES

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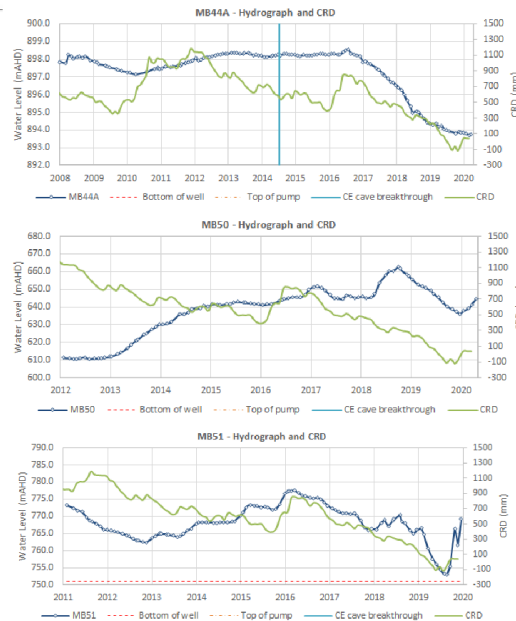
## APPENDIX

### Cadia East Groundwater

MB44A (142m deep)  
MB50 (217m deep) and  
MB51 (56m deep) are  
screened in the deeper  
Silurian Sediments.

MB44A is located due  
east from the Cadia East  
mine and has showed a  
slightly declining trend  
over the past 6  
months although the  
rate of decrease has  
slowed.

MB50 and MB51 are  
located just south of the  
Cadia East mine, next to  
one of the ventilation  
risers. It has displayed  
some recovery since the  
recent rainfall.



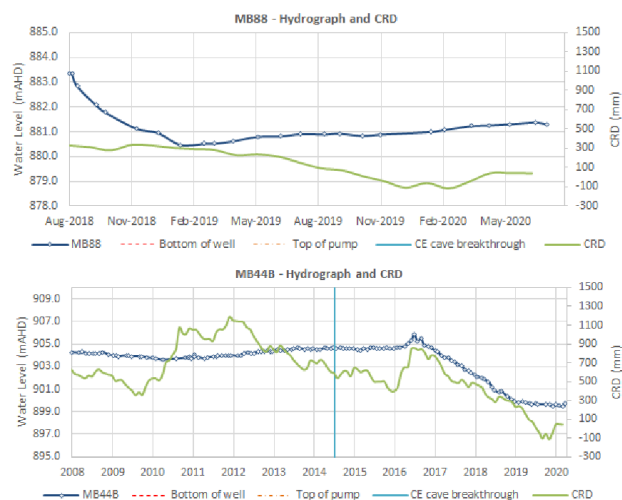
46

### Cadia East Groundwater

MB88 (90m deep) and  
MB44B (47m deep) are  
screened within  
the Tertiary Basalt  
aquifer.

MB88 is located in the  
pine forest near  
Woodville Rd and has  
showed a small increase  
in level over the past 12  
months.

MB44B is located to the  
east of Cadia East mine  
and has displayed a  
relatively stable trend  
over the past 6 months  
and increased by 0.26m  
compared with last  
month's reading.



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# MINUTES

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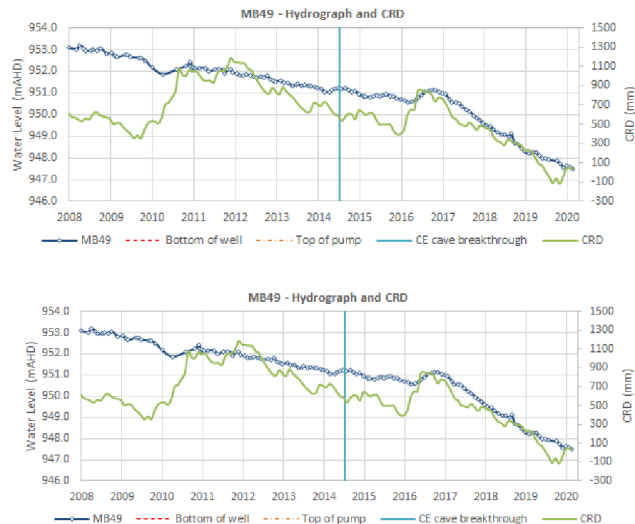
## Cadia East Groundwater



Moving further north, MB49 (39 m deep) and MB64 (66m deep) are screened within the Tertiary Basalt aquifer.

MB49 displayed an overall declining trend when looking at the long-term, however the latest measurement in April indicated a small increase relative to the previous month.

MB64 showed a minor decrease in level from November 2019 to March 2020



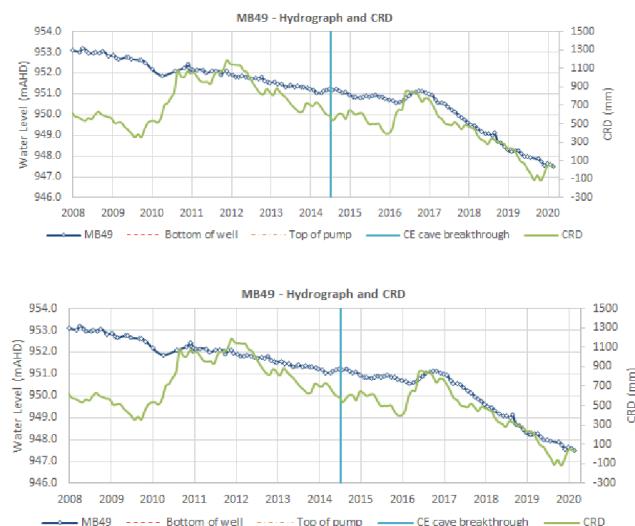
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## Cadia East Groundwater



Moving further from the mine, MB72 (44m deep) is located on Waldergrave Rd and MB74 (27m deep) is located at Rapley's Lane. Both are screened within the Tertiary Basalt aquifer.

Both of these bores also showed a decrease in water level from March 2019 to November 2020. The next monitoring of these bores will be conducted in May 2020.



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