

Meeting Minutes – Northparkes Community Consultative Committee (CCC)

Date & Time	Tuesday 22 March 2022 – 3.30pm	
Venue	Astro Dish Motel Conference Room, Parkes Plus - Microsoft Teams Meeting (on-line)	
Attendees	David Johnson	CCC Independent Chair
	Jianjun Tian	Managing Director, Northparkes Mines
	Stacey Kelly	PSE Manager, Northparkes Mines
	Gabe Albert	Community & External Relations Advisor
	Chris Higgins	Environment & Farms Superintendent (on-line)
	Margaret Applebee	Community Representative (on-line)
	Cr Bill Jayet	Parkes Shire Councillor
	Cr Glenn Wilson	Parkes Shire Councillor (Alt)
	Cr Brian Mattiske	Forbes Shire Councillor
	Cr Steve Karaitiana	Forbes Shire Councillor
Apologies	Cr Ken Keith OAM	Parkes Shire Council, Mayor
	Cr Jacob Cass	Parkes Shire Councillor (Alt)
	Cr Chris Roylance	Forbes Shire Councillor
	Steve Loane	Forbes Shire Council, General Manager
	Scott Bickett	Community Representative
	Geoff Rice	Community Representative
	Andrew Rice	Community Representative
	Phil Moss	Community Representative
	Sandra Parker	Parkes High School, Principal

1. WELCOME

David opened the meeting at 3.42pm and provided an Acknowledgement of country.

David welcomed all members; noted that there are new representatives from both Parkes Shire Council and Forbes Shire Council

2. DECLARATION OF PECUNIARY OR OTHER INTEREST

The committee was reminded that members should declare any pecuniary and non-pecuniary interests if appropriate; No further interests were declared.

3. BUSINESS ARISING FROM PREVIOUS MINUTES

The minutes from the previous meeting were accepted and agreed.

There were no previous actions from the minutes.

Correspondence provided to Gabe Albert before the meeting.

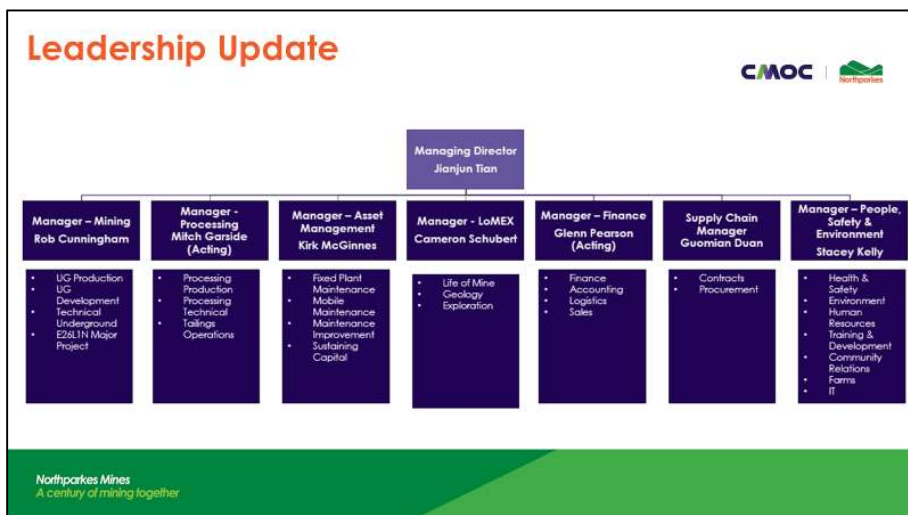
- Email from Marie Wyatt – advising new council members for Parkes Shire Council
- Email from Janelle Clarke – advising new council members from Forbes Shire Council

4. CMOC-NORTHPARKES MINES UPDATE

Stacey Kelly introduced new CMOC NorthParkes Managing Director, Mr Jianjun Tian. Jianjun provided an overview of his background before coming to Northparkes.

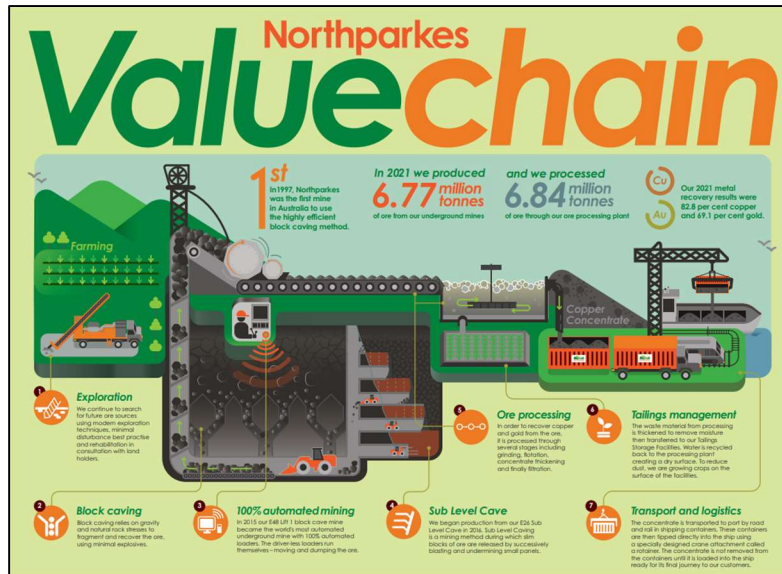
4.1 Organisational Structure Changes / Operational Update

Chris Higgins provided an update on Modification 6 to our current Project Approval. Key slides from the presentation below. The full presentation is at the end of these minutes.



Slide 8 - Stacey Kelly provided an update on the changes to the organisation structure, there is no Finance Director role, it is now a Finance Manager and Supply Chain Manager. NPM has reintroduced the Ore Processing Manager role which Mitch Garside is acting in. Also, since our last meeting we have a new Life of Mine Manager Cameron Schubert.

Action: Bill Jayet requested a copy of the Northparkes Organisational Structure



Slide 9 – Overview of the 2021 Value Chain.



Slide 10 – Northparkes 2022 Strategy Map

E26 Lift 1 North - COMPLETE

- Crusher Commissioned
- Conveyors commissioned (900tph)
- Cost to Complete \$250M
- Last drawbell firing Feb 22 (5 months early)
- 37 months to Develop & Construct
- Production from March 2022 – 2.4Mt
- Automation in 2023



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Slide 11 – E26L1N

Stacey provided an update on the finalisation of the E26 L1N Project. Stacey confirmed there were 10-15 personnel who finished up at Northparkes due to their contract completion. Up to 90 personnel were redeployed across the business.

Stacey and Jianjun spoke to the map of Northparkes and provided summary, and also discussed and talked to upcoming projects such as the E22, E31's, Tailings Lifts.




The new E26 will provide an additional 8-9 years of operation. E22 will be our next major ore body.

Chris Higgins presented the following Approvals, Environment and Farms updates:

4.2 Approvals Status

E31 Open Pits Update

Pre-stripping is likely to commence in the second half of 2022 for commencement in 2023.

<h4 style="color: orange;">Current approvals underway</h4> <div style="display: flex; justify-content: space-between; align-items: center;">   </div> <p>E44 Rocklands SSD</p> <ul style="list-style-type: none"> • Full assessment delayed to 2023/24 • 2022 major works: drill four paired groundwater monitoring bores at E44 • Report on 2022 field work for cultural heritage and agricultural assessments • Determine what other works can be completed <p>Modification (Mod 6)</p> <ul style="list-style-type: none"> • Environmental assessment submitted in November 2021 • Exhibition comments from regulators, December to February • Response submitted in March 2022 • Approval expected in May <div style="background-color: green; color: white; padding: 5px; margin-top: 10px;"> Northparkes Mines A century of mining together </div>	<h4 style="color: orange;">Mod 6 Specifics</h4> <ul style="list-style-type: none"> - E31 red voids (orange is approved) - E31 yellow WR dumps - Rosedale borrow pits - TSF2 east buttress - Rehab stockpile location - Infill TSF extension - E22 portal and conveyor - New raw water line alignment - New tailings pipelines - Approval disturbance area clean up - Biodiversity offset swap area <div style="display: flex; align-items: center;">  </div> <div style="background-color: green; color: white; padding: 5px; margin-top: 10px;"> Northparkes Mines A century of mining together </div>
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Slide 13 / 14 – E44 Rocklands and Modification 6

Chris stated that the E44 project is delayed as work concentrates on other projects closer to site. The feasibility study for E44 is still ongoing and as it's a satellite pit there are a range of additional costs, and the recent price of diesel may be a new one.

Q – Steve – Is the margin that tight that the diesel pricing would impact the project?

A – Stacey – Inputs into the project including labour and diesel costs can decrease the profit margin considerably.

Stacey advised that during the Modification submission no formal submissions were received from neighbours or the community, which was a great achievement. Chris added that some feedback was received from neighbours that was addressed outside of the formal exhibition process.

4.3 Environment and Farming Update

2021 Farm Highlight

Northparkes continues to support and carryout farm trials

- In 2021 there were over 11,500 individual trial plots on Northparkes properties
- Partnered with Australian Grain Technologies, NSW Department of Primary Industries, Kaylex, University of Southern Queensland, Topsoil Organics, the Mars Cool Farm Initiative and importantly our share farmer, Wright Family Partnership.
- Trials range in size from small plots to large scale 12m wide full paddock-length treatments
- Large scale treatment used gypsum + lime, chicken manure, biosolids, compost, and ripping treatments (looking at >5yr outcomes)



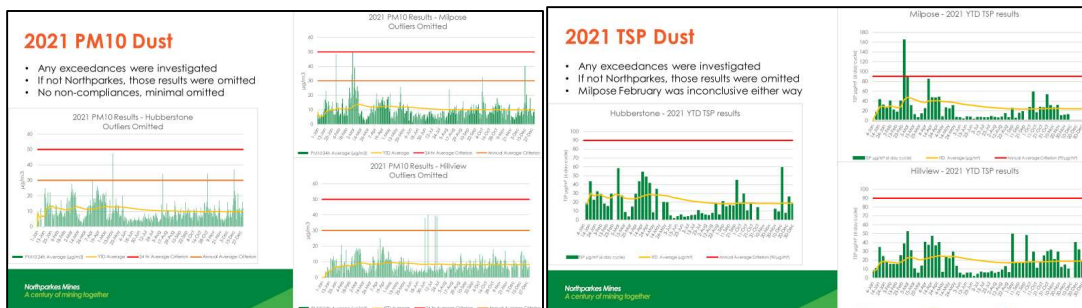
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Environmental Performance

	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 YTD
Reportable environmental incidents	7	1	0	2	0	0	0
Non-compliances	7	2	0	3	0	0	0
Enforceable undertakings	0	1	0	3	0	0	0

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Slide 16 and Slide 17 – Farm trials were discussed and there were no recordable incidents for 2021 and YTD



Slide 18 and Slide 19 – Dust monitoring,: Chris advised NPM was compliant with all dust monitoring limits through the period. There was a dust event in May 2021 where a spike in dust at the Hubberstone monitor was generated from TSF1, this was the closest compliance near miss for a long time. Additional controls around prevention of dust have been implemented, focusing on increasing tailings roughness by ripping.

2021 Attended Noise		Day	Evening	Night
		L _{max} (15min)	L _{max} (15min)	L _{max} (15min)
Criteria dB (A)		35	35	35
Hubberstone	23-24 Feb	Δ	Δ	Δ
	1-2 Jun	Δ	Δ	Δ
	31 Aug – 1 Sep	Δ	Δ	Δ
	8-9 Dec	Δ	Δ	Δ
Predicted Noise Impact (dBA)		19	32	n/a
Lone Pine	23-24 Feb	Δ	Δ	Δ
	1-2 Jun	Δ	Δ	Δ
	31 Aug – 1 Sep	Δ	Δ	Δ
	8-9 Dec	Δ	Δ	Δ
Predicted Noise Impact (dBA)		17	31	n/a
Milpose	23-24 Feb	Δ	Δ	Δ
	1-2 Jun	Δ	Δ	Δ
	31 Aug – 1 Sep	Δ	Δ	Δ
	8-9 Dec	Δ	Δ	Δ
Predicted Noise Impact (dBA)		19	19	n/a
Hilview	23-24 Feb	Δ	Δ	Δ
	1-2 Jun	Δ	Δ	Δ
	31 Aug – 1 Sep	Δ	Δ	Δ
	8-9 Dec	Δ	Δ	Δ
Predicted Noise Impact (dBA)		20	16	n/a
Adavale	23-24 Feb	Δ	Δ	Δ
	1-2 Jun	Δ	Δ	Δ
	31 Aug – 1 Sep	Δ	Δ	Δ
	8-9 Dec	Δ	Δ	Δ
Predicted Noise Impact (dBA)		21	34	n/a

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Slide 19 – Noise Monitoring – NPM added another property to the west of site to the attended noise monitoring program.

What changed in 2021



- Resources Regulator finally released their rehab reforms: Plans to be approved June 22
- 2021 rainfall was 719.8mm, compared to 206.6mm in 2019 or a 587.2mm average
- Open pits (E31's, E28NE and E44) progressed, initiating updates to the Enviro system
- TSF2 modelling indicated a higher risk of the western and northern embankment failure
- EPA Licence conditions updated under 5yr review and approve TSF2 embankment burning
- Largest number of Pine Donkey Orchids were recorded within Northparkes site and two new populations were recorded at E44

Population	2013	2014	2015	2016	2017	2018	2019	2020	2021
Limestone Forest	N/A	69	143	485	37	494	0	770	973
Adavale Lane	N/A	130	38	603	37	52	0	180	859
Total	947	199	181	1,088	74	546	0	950	1,832

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Slide 21 – Changes in 2021

Q – David – are the Pine Donkey Orchids endangered?

A – Chris – stated in the meeting that they are believed to be a threatened species, however they are listed as vulnerable.

2021 Environmental Controls

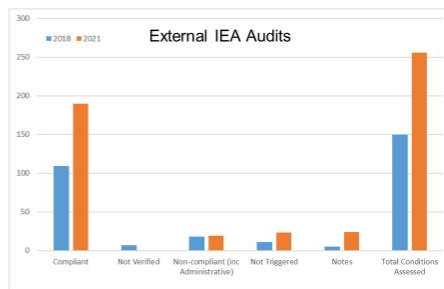
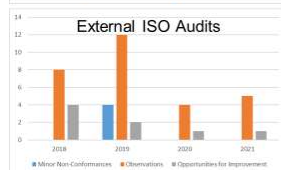
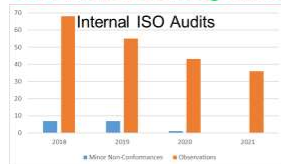
- Vent fan acoustic barrier
- Tailings beach ripping for dust control
- Four vibration monitors installed
- Tree lines planted south of the Rocklands footprint
- Detailed cultural heritage surveys filled the mining lease area

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Slide 22 – Vent Fan – so far feedback received from neighbours indicates that the acoustic barrier is working well.

2021 Enviro Management System Audits



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Slide 23

Q – Marg – Where does NPM rate compared to other operations (in terms of environmental management) and what is the baseline ?

A – Chris – there are 2 types of audits that were carried out in 2021. The two graphs on the left refer to the international ISO14001 Standard. The ISO14001 standard is able to be used for any company, not just mining, so it's hard to compare. NPM very much focus on continual improvement and don't compare ourselves to other operations. In saying that, we think we are doing well, however this year is our recertification year so the 2022 results will be an important check in on how we are going. The second audit type, the graph on the right, relates to regulatory conditions. It is possible that the Dept of Planning could compare NPM to other NSW mines as most conditions are pretty comparable, but they don't let us know how we are going and we don't compare.

A – Stacey - It is rare for a mining organisation to go 2 years without any reportable environmental incidents or community complaints.



Slide 24 – Kokoda Biodiversity offset

Q – Steve – asked what our Indigenous employee levels are at the moment?

A – Stacey – currently we are sitting at around 4 to 5%. With the Kokoda project NPM employed 2 groups through Skillset that were trained and received a certificate. They have now gone on to other employment opportunities. Also, in 2021 we completed Cultural Heritage work with 20 Aboriginal people across the Parkes and Peak Hill Community. This provided an opportunity for the Aboriginal community to do their first field surveys and identify artefacts with a group of respected elders across the Parkes and Peak Hill communities.

We are looking at ways and diversity targets at Northparkes to improve stats.

Q – Steve – Does NPM have an Indigenous Employment Strategy?

A – Stacey – Not at the moment but we are looking at reviewing our inclusion and diversity metrics, we want our workforce to reflect our community.

Q – Bill – Employment levels – are you finding it hard to fill vacancies? is there shortages?

A – Stacey – We are not finding it difficult to fill vacancies at the moment as we had additional staff available with the projects finishing.

We are also finding there are childcare availability issues for Parkes and Peak Hill which is challenging for working families.

2022 E&F Strategic Plan

Item	Target	Responsibility	What will be done
Significant Environment & Farms Incidents or Complaints	0	E&F Superintendent	<ul style="list-style-type: none"> HSE Presentations Inspections and Audits Risk Management (process) Respond quickly to concerns CMOC system initiatives
E&F related social media posts	≥5	Environment Officer	<ul style="list-style-type: none"> Coordinate E&F Team to suggest and draft social media posts Ensure they are posted Determine 2022 critical controls Facilitate operations teams to implement controls
Implemented environmental critical controls from completed bow ties	≥5	Environmental Advisor	<ul style="list-style-type: none"> Set dates, agenda and invites Present Northparkes outcomes Encourage guests to share
Site meeting and tour	1	E&F Superintendent	
1. Regional Mining Enviro's	1		
2. Key Government Regulators	1		
Review and renew:		Farm Specialist	<ul style="list-style-type: none"> Review with NPM departments Gain alignment for path forward Sign off on new agreements
1. Sharefarming agreement	1		
2. Farm lease	13		
Review regulator policies for compliance and opportunities for best practice	≥5	Environmental Specialist	<ul style="list-style-type: none"> Determine significant 5 policies Assess policy against practice Determine viable best practices

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Copper Concentrate Audit

Audit carried out at Port Kembla where our copper concentrate is loaded

- Inspection in February and report was submitted in March
- There were 14 observations reported for their consideration
- No major concerns were identified



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Slide 25 and Slide 26 – Environment and Farms Plan for 2022 and Copper Concentrate audit at Port Kembla

4.4 Community update

Community Complaints 2021

	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 YTD
Community Complaints	2	1	0	1	0	0	0

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Slide – 28 – No community complaints in 2021 or YTD



Slide 29 – Community and External relations

Gabe provided an update on the community and external relations strategy for 2022.

- We will continue to support Parkes Shire Council with Sports Grants, APO and Grants Officer
- The CIP program has opened for H1 and will close end of April
- The Indigenous scholarships have been awarded and the SMMO and Triple Flag scholarships will be awarded over the next two weeks

- The new town office is up and running – it is located across from the Parkes Police Station – the old Post Office Building, we have the top floor which has 8 hot desks, a meeting room and office and the downstairs office is where the Community and External relations team is based.
- Northparkes is providing funding for the Coordinator of Project Sprouts which is a non profit organisation screening children between 3 and 5 before commencing school on key health and educational services.
- Triple Flag will be in Parkes on Monday 4th / Tuesday 5th April for a site visit and meeting with councils
- We have been focusing on community and improved social engagement and are seeing increased interaction across our social media platforms
- Frontline Ball – Northparkes will be funding a Frontline Ball in July to provide fundraising for the emergency services in our local community.

5. OTHER AGENDA ITEMS

There were no other agenda items.

6. GENERAL BUSINESS

Q: Steve – There is much talk about rehabilitation of mined land; will it be possible to put the land back to the way we found it when the mine closes?

A – Stacey – as part of our Rehabilitation Management Plan we have commitments around the closure and rehab of the land; most approvals require rehabilitation plans. There is money held in bonds and around biodiversity offsets. Mine closure will require on-going monitoring, including safety and security of voids etc.

Chris has recently been accepted at the University of Queensland to complete his Masters in Rehabilitation

A – Chris – We have commitments to final land uses after mining, however the mine site will not be exactly the same as it was prior to mining. But we are committed to rehabilitation.

7. NEXT MEETING AND CLOSE

Gabe proposed Wednesday 17 August 2022 at Northparkes mine, for a lunch and site tour.

David Johnson closed the meeting at 5.20pm, and thanked all for attending.

8. ACTIONS FROM MEETING

Date of meeting	Action	Assigned to	Tracking
30.03.2022	Organisational Structure to be sent to the Committee	GA	
30.03.2022	Send out invitation for next CCC meeting and arrangements for travel to site	GA	
30.06.2022	Contact the CCC group to advise if there is anything that needs to be covered in upcoming meeting	GA	
30.06.2022	Add standing "people" section to the agenda and presentation	GA	