

Jeff and Matthew,

Re Dust

EMAILED
20/9/19

I witnessed a major dust event on Friday 6 September, coming straight off the northern tailings dam (photo attached) with white dust filling the Errowanbang air (photo attached). Not regional dust !

These events are in breach of essential conditions of Cadia's approvals.

I understand there have been quite a number of complaints concerning this event made to the EPA, including from the Errowanbang community not, at this stage, including me.

Matters of relevance: -

1. Cadia's/Newcrest's financial windfall from the price of gold/copper and Cadia's relatively low production costs. Refer SMH article attached, and
2. Cadia's/Newcrest's planned extension application – including seeking to greatly extend the life of the mine and a massive increase in the height/capacity of the tailings dams.

If Cadia cannot control dust, as required, in the current circumstances what hope is there of any dust control going forward including the eventual repatriation/rehabilitation of the larger tailing dams. Cadia's application will be put to the test in this respect.

These dams already dominate the landscape and pose significant environmental risks.

The proposed extensions will be a permanent hideous visual impact on the whole of the surrounding area. Has Cadia investigated alternatives to the tailing dams?

Cadia/Newcrest will face stiff widespread objections to the proposed extension unless the current and potential future dust, repatriation/rehabilitation and environmental risk issues are resolved before the Planning Proposal goes on exhibition.

I note that despite the said profit windfall and previous agreements with Cadia: -

- i) Cadia has been extremely tardy in providing a first flush system at Willow Park (6 months now). Why?
- ii) Cadia removed, despite my objection, the dust monitor at Errowanbang. "Costly custom built machine needed elsewhere". Cadia has the funds but apparently not the incentive to have a number of these dust monitors deployed. Will they produce damning evidence of the breaches? I suggest Cadia acquires and deploys a number of dust monitors, as I will make this part of my submission re the Planning Proposal
- iii) Cadia has limited repatriation works to one residence per property. We are dealing with rural properties, not urban properties, of varying sizes and some have more than one residence eg Errowanbang has three residences. Is

Cadia only prepared to assist one house and leave other residents at the mercy of Cadia's dust ? I would expect ALL RESIDENCES will be addressed soon and regularly going forward.

I dispute a number of your responses in your email of 7 August 2019. To suggest the dust problems at Errowanbang are regional is fallacious and flies in the face of irrefutable fact. DUST emanates from Cadia's operations every single day.

In dry and windy conditions dust CANNOT be controlled by Cadia.

Your response to the issue of risk to the community is highly questionable, given Cadia's silicosis issues and dictates to staff members, employees and contractors to protect them from silicosis.

I look forward to meeting Matthew and senior executives at Errowanbang , on say Monday 30 September next at 9.30 am to resolve my subjective dust problems including a solution to the dust affecting my solar panels (36) on top of a machinery shed. I believe , because of the mine's dust , this system is virtually redundant.

I will invite the Errowanbang community to attend.

Regards

John Gerathy
Errowanbang
20/9/19





RESOURCES Trump's trade war

Newcrest a rare winner

Nick Toscano

Australian gold miner Newcrest has emerged as a winner from the deepening US-China trade tensions that are roiling world markets, posting its best profit in years.

Newcrest yesterday revealed that the rallying price of the safe-haven metal over the past year had helped deliver a profit of \$US561 million (\$827 million), allowing it to boost its dividend by 19 per cent to US22¢ a share.

Chief executive Sandeep Biswas said the trade war between the world's two most powerful economies, which wiped billions of dollars of value from world markets this week, was "one of several factors" that have lifted the gold price to record levels above \$2200 an ounce.

"If the gold prices stay high, we will make more cash, that's what it means for us," he said.

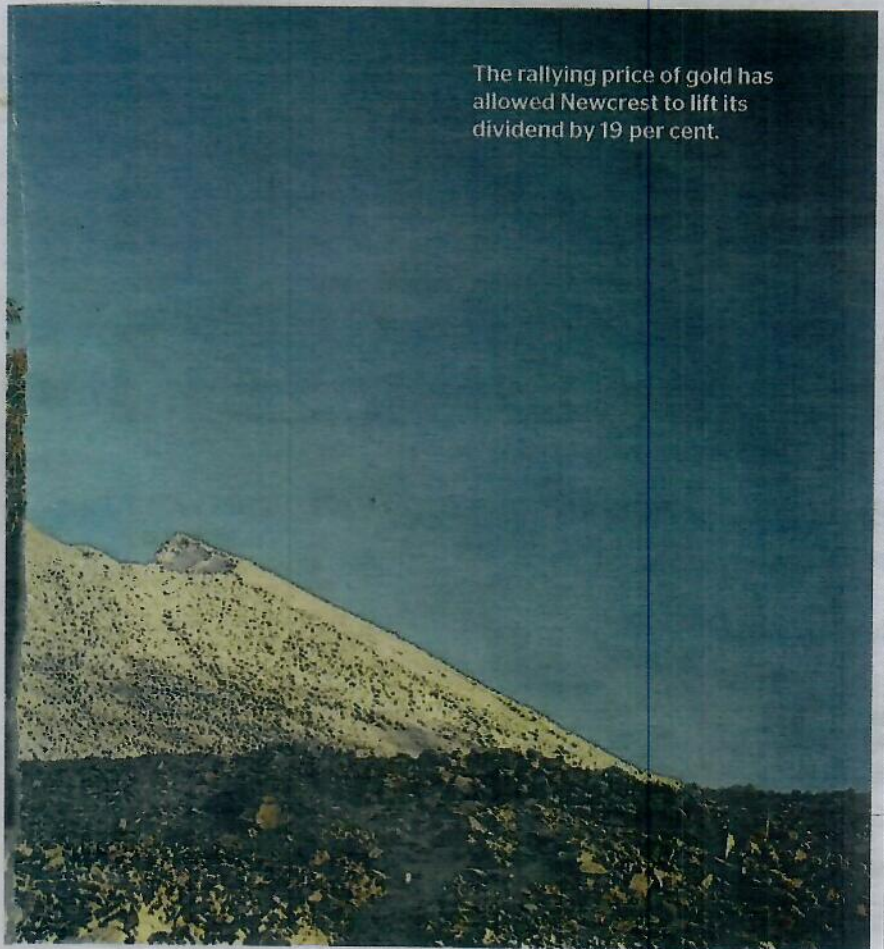
Newcrest's bumper year was also driven by the performance of its Cadia gold mine in New South Wales, which achieved record annual gold and copper production.

Newcrest produced 913,000 ounces of gold and 91,000 tonnes of copper at the mine at a record low all-in sustaining cost of \$132 per ounce.

The combination of that production performance with spiked prices saw Cadia generate \$965 million in free cash flow, an increase of 40 per cent on the previous year.

Newcrest will release to the market the results of a feasibility study into an expansion of the Cadia site by the end of December.

Despite benefiting in some ways from the global turmoil, Mr Biswas said he shared the hopes of



The rallying price of gold has allowed Newcrest to lift its dividend by 19 per cent.

some "additional cost creep" in Newcrest's results, which contributed to its earnings slightly missing consensus expectations.

But he said the company had delivered strong overall cash flow.

"If anything, Newcrest might trade slightly higher, despite the earnings miss, given better cashflow and the higher dividend," he said.

Moody's vice-president Matthew Moore said the credit agency expected Newcrest would generate strong earnings and cashflow

in the current financial year "supported by its low cost position and current gold prices, which are at multi-year highs".

"Newcrest has one of the lowest cost positions amongst its peer group, enabling it to generate solid earnings and cash flow even at lower gold prices," he said.

Shares in Newcrest fell 1.3 per cent yesterday following the release of the results, to end the day trading at \$36.36. The final dividend will be payable on September 26.

Thursday, October 17, 2019 at 3:23:29 AM Australian Eastern Daylight Time

Subject: Cadia Dust control Meeting 27/9 2019 at Bathurst
Date: Saturday, 28 September 2019 at 6:57:44 pm Australian Eastern Standard Time
From: Hilde Gerathy
To: peter.sharpe@newcrest.com.au, matthew.armstrong@newcrest.com.au,
roweth@wpastoralco.com, Jann@minebiz.com.au, gads1553@hotmail.com,
gemmagreen@gmail.com, sallydes@hotmail.com, countrypieces@ozemail.com.au
Attachments: Cadia dust agreement Sept 19.pdf

Hi Peter , Matthew and Errowanbang Residents

Please find attached terms of agreement reached with Peter Sharpe CEO Cadia regarding dust and rehabilitation issues , including holding a meeting at Errowanbang on Monday 28 October 2019 at 10.00 am to discuss these issues.

Please confirm your ability to attend this meeting .

Regards

JG
0415 225 940
email jhgerathy@gmail.com

Hi Peter and Matt

Re Cadia Dust and Rehabilitation Issues.

Thank you for making the effort to meet Hilde and I today in Bathurst.

I feel it was a constructive meeting and a good precursor to a meeting with the Errowanbang community on Monday 28 October at Errowanbang 10.00am.

Cadia acknowledges the substantial extent and value of the ore bodies and Newcrest's mining interests , with significant record returns from gold and copper , as reported in the SMH.

I set out the matters agreed :-

1. Cadia warrants to keep working on solutions for dust control irrespective of costs .
2. Cadia will continue working on lifts to the STSF to RL 702 - approximately another 13 m in accord with existing approvals dating to 2031. This permits mining to continue .
3. Cadia will not carry out further lifts on the NTSF , until Cadia has :-
 - i. Completed repairs to the slump area to the satisfaction of government regulators , and
 - ii. Have demonstrated to government regulators and the Errowanbang community reasonably acceptable solutions to dust control and rehabilitation measures to ensure compliance with environmental approval conditions.
4. Cadia will confirm , in writing , that there are no silicosis health issues for humans or stock from the dust . Community publication of this matter was discussed .
5. Cadia will step up cleaning and water security works on affected properties , not limited to one residence per property but to all houses used as residences.
Cleaning operations to be done regularly , as reasonably required , including to solar panels .
6. Replace the dust monitor at Errowanbang with a fully functional model.
7. Errowanbang community/Cadia meeting at Errowanbang at 10.00am Monday 28th October next where Item 3 ii will be fully ventilated.

I look forward to Cadia's confirmation on this agreement and meeting on 28 th October next.

Kind regards

John Gerathy

Subject: RE: Cadia dust agreement

Date: Saturday, 28 September 2019 at 5:53:46 am Australian Eastern Standard Time

From: Peter Sharpe

To: Hilde Gerathy, Matthew Armstrong

Thanks John and Hilde. I also agree that it felt like a constructive meeting. Please see listed below my only suggested changes to your note which you may or may not decide to adopt:

Cadia will not carry out further lifts on the NTSF (39m) as approved, until Cadia has:

- i. Completed repairs to the slump area to the satisfaction of government regulators, and
- ii. Have demonstrated acceptable solutions to dust control to ensure compliance with environmental approval conditions.

Cadia will also provide an update to all relevant and interested neighbours and stakeholders on their options for future rehabilitation of the tailings facilities.

Regards
Peter

From: Hilde Gerathy <jhgerathy@gmail.com>

Sent: Friday, 27 September 2019 7:22 PM

To: Peter Sharpe <Peter.Sharpe@newcrest.com.au>; Matthew Armstrong
<Matthew.Armstrong@newcrest.com.au>

Subject: Cadia dust agreement

Hi Peter and Matthew,

Please find attached my proposed letter to Cadia and the Errowanbang community following today's meeting. Please advise if you have any comments on the letter before I send it.

Kind regards

JG

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CADIA & ERROWANBANG COMMUNITY MEETING

at **ERROWANBANG**

MONDAY 28 th OCTOBER 2019 at 10.00 AM

AGENDA for DISCUSSION/SUBMISSION

1. DUST - DISCUSSION/SUBMISSION

Terms of 'Agreement' 28 September 2019 (attached) issues:-

- i. Environmental Performance Conditions Schedule 3 (CC)-
CI 17 -Dust Criteria
CI 19 - " stop works if criteria not met"
- ii. Regional dust is not mutually exclusive of tailings dust in regional wind conditions (Gillian Roweth -white dust)
- iii. NTSF is not the only source of Cadia's dust – PTSF works create daily dust and STSF occasionally emits dust.
- iv. Why select Gluon ? Life of Gluon application ? Whole of NTSF surface area treated ? When ?
- v. Update on STSF embankment lift (up 13m to 702m AHD) and NTSF slump works.
- vi. What STSF approvals are outstanding ?
- vii. Mod 13 – not yet approved – proposes lifts to PTSF to 713m AHD (temporary height subject to ultimate consolidation **with water between 670-694m AHD**) and additional buttressing to southern embankment of STSF.
- viii. No further lifts on NTSF (40m proposed to 779m AHD) until Prohibition Notice is lifted and permanent dust solution and rehabilitation program agreed- 'Agreement'.
- ix. Cadia Newsletter August 2019-- STSF & PTSF can accommodate CVO's tailings for projected/approved life of the mines -2030 .
- x. Extent of Cadia East mine underground works ? Proposed extent? Link to McPhillamys Project ?

- xi. Relevance of McPhillamys Gold Project on CVO .
- xii. Silicosis – human and stock issues ?

2. REHABILITATION- SUBMISSION

- i. CC Clauses 36 , 37 & 41 :-
“require rehabilitation works to be carried out as reasonably practicable by progressively rehabilitating disturbed areas by implementing revegetation and regeneration”.
- ii. NTSF works should be limited to a very minor embankment lift , **if at all necessary** , to permit the surface area to be permanently flooded with water as proposed by the CC and the embankments revegetated ASAP. **This will give the community complete relief from NTSF dust and some relief from the negative visual impact of the existing 740m AHD bare rock embankments and avoid the horrendous visual impact of the proposed 40m embankment lift to 779m AHD.**
- iii. **A 40m lift on the NTSF would mean any rehabilitation would be delayed for decades. Visual catastrophe !**
- iv. **Essentially with STSF and PTFS accommodating CVO tailings for the mine’s proposed life the NTSF should be rehabilitated and abandoned as a tailings dump as Cadia did with the FAR STSF proposal.**
- v. **A flooded NTSF could provide water security for CVO operations.**
- vi. **STSF embankments should be revegetated as soon as the current lift by 13m to 702m AHD is completed .**
- vii. **PTSF embankments should be similarly revegetated ASAP.**

GROUND WATER - DISCUSSION

- i. CC Conditions Clauses 22 to 35 (especially Clause 29 ensuring Flyers Creek natural environmental flows up to 3.5ML/day) are relevant to the Errowanbang/Flyers Creek community that does not wish to suffer the same Cessation of Environmental Flow fate as the Cadiangullong Creek community.
- ii. Cadia's August 19 Newsletter acknowledges forecasts for a dry Spring and Summer as well as base flow losses in Flyers Creek and loss of water recovery from the tailings filling of PTSF.
- iii. CC Clause 22 provides for Cadia "to if necessary adjust the scale of mining operations " .
- iv. What does Cadia propose to ensure environmental flow in Flyers Creek ?

CADIA SOLAR FARM

- i. Current status ?
- ii. It is noted that Newcrest's commitment to reach Greenhouse Gas intensity targets by 2030 , a date which coincides with the expiry of the mine's life !
- iii. What impact has the Flyers Creek Wind Farm proposal on Cadia's Solar Farm plans ?

PROPERTY/RESIDENCE DUST REMEDIATION WORKS – DISCUSSION

Cadia's remediation works are appreciated , however , the community at large would prefer an early and permanent resolution of the DUST issue and early amelioration of the negative visual impact of the Tailings Facilities' embankments.

FUTURE COMMUNICATIONS / MEETINGS ?

Subject: Re: Cadia dust agreement
Date: Tuesday, 29 October 2019 at 6:52:05 pm Australian Eastern Daylight Time
From: Hilde <jhgerathy@gmail.com>
To: Peter Sharpe <Peter.Sharpe@newcrest.com.au>
CC: Matthew Armstrong <Matthew.Armstrong@newcrest.com.au>
Attachments: IMG_5960[1].JPG, IMG_5944.JPG, IMG_5949[1].JPG, IMG_5964[1].JPG, IMG_5954[1].JPG, IMG_5988.JPG

Hi Peter and Matt

I believe it was a good , honest meeting yesterday and I look forward to Cadia delivering the agreed information , material , works including Gillian's first flush system and a working dust monitor. I will resolve with Garry Haines exactly where I would prefer it to be located.

While we are not in agreement with a number of issues we will assess Cadia's performance going forward.

From my perspective I can only re-iterate I am vehemently opposed to any further lifts to either the NTSF and STSF save for the current 12-13 m lift of STSF .

I intend to make representations to all of the relevant consent/control authorities to prevent the proposed 40m lift of NTSF proceeding until Cadia has :-

- I. Demonstrated that it can effectively control dust and operate , at all times , within Consent Conditions -Dust Criteria Cl 17
- II. Obtained approval to extend mining operations beyond 2030 (2065 ?) which is the current approval .Cadia has acknowledged it can accommodate all tailings within the 2030 mine life in the STST and PTSF .
- III. My family and I will be objectors to any such time extension unless Cadia can demonstrate a viable/acceptable alternative to the current NTSF, STSF and PSSF tailings dams operating at current heights (STSF +12-13 metres).
- IV. We will similarly agitate against any increase of the height of the NTSF above its current built level. As Peter acknowledged the embankments of the NTSR and STSF are rock in massive scale and not able to be revegetated ,unlike areas returning to grazing lands or forests. A 40M height increase in NTSF embankment walls to 779M AHD would have an horrendous visual impact seen from many kilometres away.

I attach photographs of dust coming off ALL of Cadia's facilities during Saturday's regional dust storm. Clearly Cadia was making a distinct marked white impression , overpowering the regional red dust in our area. I also attach a photo taken yesterday showing what is presumably very fresh crystallised silica emanating from Cadia's plant, as discussed in the meeting

Peter, you indicated you would prepare minutes of the meeting. If you don't mind I would like to review your draft minutes before they are circulated.

Regards

John Gerathy

From: Peter Sharpe <Peter.Sharpe@newcrest.com.au>