



Mr Michael Dewar
General Manager - Cadia Valley Operations
Cadia Holdings Pty Limited
1460 Cadia Road
ORANGE NSW 2800

By email: [REDACTED]

7 July 2023

Dear Mr Dewar

Cadia Valley Operations – Emissions control and monitoring

I am writing in regard to the Cadia Holdings Pty Limited mine operation, trading as Cadia Valley Operations (**Cadia**) and your correspondence dated 5 July 2023 providing details of monitoring undertaken on Vent Rise 8 (VR8), also identified as Monitoring Point 38 on Environment Protection Licence 5590 (EPL).

I would like to acknowledge the significant changes that Cadia has made to address the non-compliance with the *Protection of the Environment Operations (Clean Air) Regulation (the Regulation)*.

[REDACTED]

Based on samples collected on 22 June 2023, the changes made to existing operations and reduction in production, appear to have resulted in a significant reduction in the solid particle concentration discharged via VR8, although not to a point below the Regulation concentration limits for total solid particles. However, the additional controls installed appear to have further reduced the concentration of total solid particles as shown by samples taken on 28 June 2023.

The report shows that the total solid particulate concentration determined on 28 June 2023 was 48 mg/m³ which is based on the average of the results of two concurrent tests which measured a concentration of 41mg/m³ and 55mg/m³. These results indicate that the changes made by Cadia have been successful in driving the dust emissions down to the level of 50mg/m³ set in the Regulation.

I note however that the Regulation does not contemplate averaging of multiple test results. As such the reported results indicate one result above, and one below, the Regulation limit. In addition, the significant variation seen in previous monitoring results suggest that the emission vary over time because of unknown influences from the underground workings, ventilation system and sampling location and methodology.

Accordingly, the EPA considers further sampling will be needed to provide confidence that the operational changes implemented are delivering lower solid particle concentrations, and compliance with the Regulation limits, consistently. I would appreciate your advice on the testing program you will implement to provide this confidence. I expect that this monitoring would be more

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regular, and in addition to, the current testing undertaken every 14 days as per the current licence requirement.

I would also appreciate your advice on the development of continuous emissions monitoring systems that you are installing in the underground workings to provide a proxy for the concentration of solid particles from VR8. This was discussed with Carmen Dwyer and David Fowler at the meeting with Cadia on 27 June 2023.

[REDACTED]

[REDACTED]

It is requested you provide clarification of the above no later than Friday **14 July 2023**.

If you have any specific questions regarding this matter, please contact Ms Cate Woods on [REDACTED]

Yours sincerely

NANCY CHANG
Acting Chief Executive Officer

cc: Ms Sherry Duhe, Interim Chief Executive Officer, Newcrest Mining Limited
[REDACTED]