

Before the Hearing Commissioners
Appointed by the Grey District Council
and West Coast Regional Council

Under the Resource Management Act 1991

In the matter of Resource consent applications by TiGa Minerals and Metals
Ltd to establish and operate a mineral sands mine on State
Highway 6, Barrytown (RC-2023-0046; LUN3154/23)

Supplementary Evidence of Naomi Louise Crawford

8th February 2024

Applicant's solicitor:
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**anderson
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Supplementary Evidence

- 1 My name is Naomi Louise Crawford.
- 2 I have been asked to provide additional information as a result of questions raised by the Panel during the Wednesday 7th February session of this hearing. My responses are as follows.

- 3 Silage Hay Bales

- (a) Commissioner Rob van Voorthuysen noticed piles of silage hay bales on his visit to the site and asked, how many bales stacked high would be required to understand the scale of the stockpile bund?
- (b) Response: Typical bales are 1200mm high. Therefore, 3.75 (or 3-4) stacked bales would equal the height of the 4.5m central stockpile bund.

- 4 Opportunities to Restore Natural Character

- (a) Commissioner Rob van Voorthuysen asked, what were the further opportunities for improving natural character as mentioned by Mr. Girvan in the JWS? (Refer to Paragraph 14 of the JWS).
- (b) I have conferred with Mr. Girvan and his email response to this question is as follows:

As a consequence of adverse natural character effects which result from the proposed mine during operation, I consider that there are further areas and opportunities to restore natural character within the Site outside the Mine Disturbance Area. This would offer potential to limit the extent to which existing levels of natural character are reduced and consequent adverse natural character effects occur. This specifically relates to the direction provided in NZCPS Policy 14(a) and I consider would be necessary to support a finding that adverse natural character effects during operation with mitigation are low-moderate (minor). As set out in the JWS, I consider the mine will clearly reduce levels of natural character during operation within the Site to the extent which results in moderate adverse effects. Whilst I accept that this level of adverse natural character effects are not significant given the existing level of modification and reduced natural character within which the proposal occurs, it is given this reduction in natural character that I consider there are further opportunities to restore natural character in line with the approaches described in Policy 14(c). This could include more substantial efforts to create or restore indigenous habitats and ecosystems which extend between Canoe Creek and Canoe Creek Lagoon outside the Mine Disturbance Area and possibly restoring cultural landscape features

which are associated with Canoe Creek. – Mr. Rhys Girvan, 8th February 2024.

- (c) I disagree with Mr. Girvan's position outlined above and believe the mitigation and rehabilitation measures are sufficient for both the Project and the subsequent effects generated.

5 Amendments to Planting Conditions

- (a) In relation to Condition 19.7, Commissioner Rob van Voorthuysen considers that "in perpetuity" would go beyond the consent term. It was suggested that this term should be reworked into something more feasible.
- (b) For Condition 19.1 Commissioner Vial requested that fencing is considered, in terms of how to identify it and where it will go.
- (c) Response: I am working with Ms. McKenzie to make alterations to the above Conditions of Consent. These updates will be provided in due course.
- (d) In relation to Conditions 19.5 and 19.6, Commissioner Vial requested that it is made clearer when planting is to occur, during mining or at the completion of mining.
- (e) Response: Ms Mckenzie has provided a draft condition to enable a covenant to be registered on the Certificate of Title, should the farmer confirm he is willing to allow this.

Naomi Louise Crawford

Dated this 8th day of February 2024