

Before Independent Commissioners Appointed by the Canterbury Regional Council and Selwyn District Council

In the matter of The Resource Management Act 1991

And

In the matter of Applications by **Fulton Hogan Limited** for all resource consents necessary to establish, operate, maintain and close an aggregate quarry (**Roydon Quarry**) between Curraghs, Dawsons, Maddisons and Jones Roads, Templeton

SUMMARY STATEMENT OF DONALD GORDON CHITTOCK ON BEHALF OF FULTON HOGAN LIMITED

DATED: 13 NOVEMBER 2019

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1. My role at Fulton Hogan includes community engagement in respect of the Roydon Quarry proposal and overseeing the preparation of the consent applications. My evidence addresses:
 - (a) What Fulton Hogan means when it says the Roydon Quarry, if consented, will operate "beyond compliance"; and
 - (b) Fulton Hogan's approach to engagement and consultation for Roydon and our response to issues raised.

Beyond compliance

2. Fulton Hogan's vision is for Roydon Quarry to be an "industry showcase" quarry, which is "fit for the future" and an "exemplar" in terms of the approach to establishing a 'greenfield' quarry and quarry rehabilitation. Due to Fulton Hogan's long history in quarrying we can draw on changes to quarrying practices, led through technology advancement and operational learnings and respective changes. Fulton Hogan also recognises the increased regulatory requirements to meet government objectives, council requirements, community expectations and scrutiny. In planning for this site Fulton Hogan has drawn on the Canterbury Alluvial Quarry industry Code of Practice (COP) in looking to apply best practice elements of that COP. The use of technology in the setting up of the various monitoring components across air, water, noise, access and traffic management positions this site for an increased level of scrutiny now but also into the future. The vision we are striving to achieve is a combination of existing best practice with innovative ideas, methods and technologies and going beyond the requirements normally imposed by the consent process.
3. A number of key innovations take Roydon Quarry "beyond compliance", including the technology of sensors in use in loader controls and fuel efficiency, increased onsite data capture and analysis from loggers in ground water monitoring bores, air quality sensors, metrological weather station to support onsite dust suppression in the daily site operation. Along with the existing use of number plate recognition technology to also utilise available technology for driver identification at entry to the proposed site. Other measures able to be used on a greenfield site like Roydon is the ability to plan the site configuration and construction, from increased sealed roads, staged extraction and cleanfilling to provide for effective dust management.

We currently use misters and foggers on operational processing equipment but seeking to extend the use of that technology out into stockpile management. Fulton Hogan's commitment to "beyond compliance" reflects our desire to maintain our position as an industry leader, encourage others to "do more" and our commitment to being a good neighbour and a positive part of the community

4. From the start of this proposal Fulton Hogan has taken an exemplar approach starting with engagement by supporting the friend of the submitter, opening of the drop in centre and establishment of a community advisory group to assist in the application writing. From this engagement Fulton Hogan recognised the need to utilise available technology in the development of the site and have capability to adopt future innovations if granted consent to operate supporting our fit for future focus. In the context of this site fit for future is putting in place the required equipment for production of product, monitoring equipment for data capture and analysis at the outset. We recognise the need to be able to provide proof of operational practices to council and the community now and as environmental expectations continue to increase.

Consultation, issues identified and refinements made

5. For Roydon, Fulton Hogan has undertaken extensive consultation with the local community, stakeholders and relevant public organisations. Fulton Hogan requested public notification because:
 - (a) Of the level of interest in the proposal; and
 - (b) Of our commitment to community relations; and
 - (c) It provided an additional mechanism for understanding the concerns of the public (who may or may not have been involved in pre-lodgement consultation) (paragraphs 89-90).
6. Fulton Hogan also committed when asked in March 2018 to co-funding a "friend of the submitter" service, to assist potential submitters in understanding the submission and hearing process and how to write a submission (paragraphs 37.9 and 63).
7. Post-lodgement we have continued to carry out consultation and attempted to address concerns raised in submissions (paragraphs 92-122).

8. In response to concerns raised through consultation (paragraphs 64-88), Fulton Hogan has made a number of refinements to the Proposal, including:
- (a) Hours of operation: No processing of aggregates will occur prior to 7.00am or later than 8.00pm.
 - (b) Operations / Rehabilitation: the active open area of the quarry site has reduced from 40 ha to 26 ha.
 - (c) Traffic (numerous refinements proposed, the key ones being):
 - (i) A management plan for the roundabout at the Main South/ Dawsons Road intersection.
 - (ii) Reduction of the average daily limit of heavy vehicle movements to 800 and a maximum limit of 1200 heavy vehicle movements in any one day.
 - (iii) Night-time heavy vehicle movements are further limited to not more than 60 nights per annum and 30 movements per hour.
 - (iv) Avoidance of travel on local roads, as far as Fulton Hogan can secure it (Transportation Management and Routing Plan).
 - (d) Air quality (there are numerous measures proposed, the ones that stand out in comparison to some other sites include):
 - (i) Monitoring and trigger levels for additional controls;
 - (ii) A 500 meter setback for fixed aggregate processing plant and mobile plant along the airshed boundary and 250 meter setback for mobile processing in remainder of site;
 - (iii) From the outset the use of field conveyors for aggregate transport within the site;
 - (iv) fitting all aggregate processing plant with the latest dust suppression systems and use of misting/ fogging equipment for stockpiles and dust suppression of unsealed roads and larger areas of sealed roads.
 - (e) Groundwater:
 - (i) Monitoring bores up and down gradient of the site (supporting addition of two more);

- (ii) No extraction will take place below 1 meter above the highest recorded groundwater level
- (iii) All backfill will be cleanfill;
- (iv) Fulton Hogan is not seeking to “use” any more water than would be reasonable to use under the existing irrigation permit.

Community Liaison Group

- 9. Fulton Hogan's initiative for a CLG will provide an open forum for members of the community, iwi, business and council to robustly discuss issues and proposals on a regular and ongoing basis. It will provide an avenue for transparent discussions about the results of monitoring and the effectiveness of, and compliance with, consent conditions (paragraphs 127, 128 and 130). Fulton Hogan is experienced in the establishment and participation of such groups (paragraphs 126 and 128).
- 10. The Joint Witness Statement (JWS) on Noise records that some experts consider the CLG should be able to comment on the draft Noise Management Plan (paragraph 14 of the JWS) and that condition 79(a) of the SDC conditions should be amended to provide for that. Mr Farren's opinion is that this is not necessary. I support the opinion of Mr Farren in that through the CLG members will be provided information on the site operation and compliance, they will also be able to provide us with direct feedback on any concerns or possible issues such as noise.
- 11. We expect that the CLG would be able to see or receive reports on the efficacy of all site management plans and provide us with direct feedback on any concerns or possible issues.

Conclusion

- 12. Fulton Hogan has attempted to comprehensively engage and consult with the affected community. It remains committed to doing so - including through the CLG - should consent be granted.

Don Chittock

13 November 2019