

**Before Independent Hearings Commissioners Appointed by 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

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**SUMMARY STATEMENT OF KEVIN MICHAEL BLIGH  
ON BEHALF OF FULTON HOGAN LIMITED**

**PROJECT AND CONSENT CONDITIONS**

**DATED: 13 NOVEMBER 2019**

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## Introduction

1. My name is Kevin Michael Bligh. I have been asked by Fulton Hogan Limited (**Fulton Hogan** or **the applicant**) to provide evidence in respect of the Roydon Quarry (**the Proposal**).
2. In this summary of my evidence, I outline my evidence in chief (dated 23 September 2019) and my rebuttal evidence, including my supplementary rebuttal evidence (dated 21 and 30 October 2019 respectively). I also briefly present the conclusions of my evidence.

## Summary of my Evidence in Chief

3. Development of the consultation framework: Golder was asked by Fulton Hogan to oversee the development of a Public Participation Plan (consultation plan) for engaging with the local community and interested stakeholders, and the preparation of the resource consent application and assessment of effects on the environment (AEE). I helped formulate the consultation plan and also drafted sections of the AEE. I subsequently assisted the applicant with implementing aspects of the consultation plan.
4. The existing site and surrounding environment: The surrounding environment is rural in nature, although a number of influences associated with the Christchurch urban area are evident, including the site being partially within the noise contours associated with the Christchurch International Airport, and the Christchurch Southern Motorway (CSM2) extension which is being constructed further to the south of the site, and a relatively low density of residences.
5. In terms of the reasonably foreseeable future environment, the level of residential density which could be lawfully established, and which is anticipated by the provisions for dwellings and subdivision under both the Selwyn and Christchurch district plans, is limited for the surrounding land to the north, west, south and to the east of the proposed quarry.
6. An overview of the Proposal: I highlight how the Proposal has been refined since the resource consent applications were lodged in November 2018. I generally agree with the description by Ms Goslin in her s42A report,<sup>1</sup> and also provide a comprehensive outline of the Proposal in paragraphs 50 to 111 of my evidence, as it existed at the time of writing. My description of the

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<sup>1</sup> Ms Goslin paragraphs 40 – 90.

Proposal incorporates all amendments made to the Proposal as it evolved, through the various project material I list in paragraph 51.

7. Further changes that have been made to the proposal since evidence was filed are set out below, including the revised proposed consent conditions (**Annexure A to this summary**) which correspond to the amendments made:
- In relation to the site bunding, 80% grass cover is to be maintained on earth bunds at all times during quarry operations (SDC condition 13 f)).
  - The rows of plantings to be established behind the existing shelter belts and along the site boundaries where there is no planting, must be established within the first planting season, following the commencement of consent. A fourth row of planting is now proposed to be added where there is no existing planting. (SDC conditions 13 i) and j)).
  - Truck movements on Sundays and on public holidays will not exceed 30 vehicle movements per hour (SDC condition 21).
  - Fulton Hogan will require any non FH-controlled truck drivers accessing the site to sign a code of practice committing to avoiding the use of engine brakes when onsite and while on Jones Road, approaching or leaving the site. Additionally, the arrangements for site induction will include safe travel procedures across the Dawsons Road railway level crossing (SDC conditions 38 b) and d)).
  - Fulton Hogan will submit a Roydon Quarry, SH1 / Dawsons Road Queue Management Plan (the QMP) to the Team Leader - Compliance Environmental Services, Selwyn District Council, within three months of the date of commencement of the consent (SDC new traffic conditions set). This includes:
    - Ensuring the proposal does not result in a change in safety risk at the roundabout on SH1 / Dawsons Road.
    - Assessing safety at the roundabout in accordance with a fit for purpose Safety Risk Assessment.
    - The requirement to monitor any changes in the operation and safety risk at the SH1 / Dawsons Road roundabout arising from

the impact of quarry operations on queuing, as set out in the QMP.

- Providing New Zealand Transport Agency (NZTA) and KiwiRail with the opportunity to participate in a collaborative workshop to discuss a draft of the QMP, prior to Fulton Hogan submitting this to Council.
  - Providing a copy of the certified QMP to the CLG at the nearest scheduled meeting.
  - Requirements for reporting to the NZTA, KiwiRail, the CLG and Council following certification of the QMP.
- Any mobile processing plant and associated stockpiling is to be set back at least 500 m from the eastern site boundary in addition to being at least 250 m from all other site boundaries (SDC condition 31 and CRC192410 Condition 17d) and 18h)).
  - Only trucks and machinery which use non-tonal reversing alarms will be allowed to be used on the site between the hours of 8.00 pm to 6.00 am (SDC new noise condition).
  - Christchurch International Airport Limited (CIAL) will be consulted on the final land use and rehabilitation activity planned for the site (SDC condition 54).
  - In establishing the Community Liaison Group (CLG), Fulton Hogan will invite one representative of Southern Woods Nursery (SDC condition 79 b)).
  - Fulton Hogan will engage an independent chairperson to oversee the CLG meetings, with meeting minutes taken and distributed to the CLG members; and will meet any reasonable administrative costs of these meetings (SDC new CLG conditions).
  - Groundwater levels will be reviewed every 5 years to ensure the maximum depth of extraction remains appropriate (CRC192408/192409 conditions 5 and 6).
  - Water quality data from public supply well M36/7575 will be included in monitoring reports (CRC192408/192409 condition 24e)).

- It is proposed to restrict soils used for stormwater treatment devices to being clean material only and to maintain all stormwater systems in accordance with appropriate Council guidelines (CRC192411 and 192412 conditions 4 and 6).
8. I will talk through these and the associated conditions that encapsulate these changes in more detail at the hearing. I note there have been many other changes made to the conditions to help clarify or 'tighten' these as shown in the attached set of conditions.
9. I understand from Mr Cudmore, there are likely to be a number of further changes to conditions proposed once the Air Quality joint witness statement is finalised but at this stage I have not seen that document.
10. In terms of conditions that have been recommended by experts for Fulton Hogan, but which are not currently proposed by Fulton Hogan, these include:
- The recommendation for a replacement water supply for drinking water in Condition 28 of CRC192408/409 as outlined in paragraphs 27 and 30(a)(i) of the Water Quality Joint Witness Statement.
  - The recommendation that all bunds be removed on the completion of quarrying as outlined in paragraph 7.4 of the Landscape Joint Witness Statement.
11. From a planning perspective, I am not aware of other consents within Canterbury for quarrying and cleanfilling that require an alternative water supply to be provided. Additionally, there could be benefits for future land uses from keeping the bunds which means this matter may be more appropriately dealt with through the Quarry Rehabilitation Plan. Notwithstanding this, should the commissioners be of a mind to apply such conditions, the following wording is proposed in respect of these items:

CRC192408/409 Condition 28 new subclause (e)

*If the monitoring completed under condition 23) in accordance with 21)c) and d) reveals that any well used to supply domestic drinking water is experiencing an adverse effect on drinking-water quality directly attributable to the consent holder's activities, including on its taste, clarity and smell, the consent holder shall implement measures necessary to provide the owner of that well with a water supply of similar, or better quality and quantity to address the effect.*

## SDC Land use consent new condition

*Once quarrying operations cease, the perimeter bunds are to be removed as part of the rehabilitation works. The edge treatment works (shelter belts) shall only be removed once a vegetated cover has been established over any disturbed land.*

12. Comments on the s42A reports: I make comments on both Ms Goslin's and Mr Henderson's s42A reports, including on whether I consider their suggestions on the consent conditions should be accepted or rejected. Of particular note, I disagree with the 13-year consent term Ms Goslin has proposed, should the consent be granted; and with Ms Scott's and Ms Goslin's recommendations to place a covenant on the titles to restrict future land uses, following rehabilitation of the site.
13. I also discuss where I disagree with Ms Goslin's proposed changes to the Canterbury Regional Council (CRC) conditions, which I include in **Annexure B** to my evidence in chief. I am generally supportive of the tracked changes Mr Henderson has made, and I accept these with some modification in the SDC conditions.<sup>2</sup>
14. Proposed consent conditions to manage key effects: The experts for the applicant rely on various mitigation measures in concluding that the effects of the Proposal are minor or less than minor. The applicant has incorporated these into the Proposal through proffering conditions of consent, should they be granted.
15. I outline the proposed conditions in paragraphs 137 to 152, which specify the key mitigation measures the experts consider necessary to manage the effects of the Proposal. These conditions largely relate to the acoustic, air quality, groundwater, visual, rehabilitation and traffic effects of the Proposal.
16. Items raised in submissions: I recognise that a number of submissions raise concerns as to the potential for non-compliance with conditions, and around the setbacks or separation distances for the Proposal.
17. The applicant seeks to achieve high levels of control over environmental effects and to minimise any monitoring burden on the community or either Council. I have set out in paragraphs 156 to 159 conditions that must be implemented prior to quarrying activities commencing and those that require monitoring and reporting to give effect to this commitment by the applicant.

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<sup>2</sup> K Bligh, Annexure B.

18. In addition to these measures, I note the establishment of a community liaison group is proposed to increase transparency, give surrounding residents confidence that compliance is being achieved and identify opportunities for improvement to be taken. This will also provide a regular forum for a two-way flow of communication and it will assist in the managing of any effects which may be of concern and build a partnership with the community for constructively resolving issues.
19. Additionally, comprehensive review conditions are proposed to allow the effects of anything else that may arise or matters of concern to be dealt with at a later stage.

### **Summary of my Rebuttal Evidence**

20. In my rebuttal evidence, I address the evidence of several expert witnesses and submitters. A key focus of my rebuttal evidence is on the appropriateness (or otherwise) of changes suggested to the draft conditions in **Annexure B** of my evidence in chief. In accordance with my rebuttal evidence, I have proposed a number of further amendments to conditions, including those relating to noise, air quality, landscape, traffic, effects on airport operations, and the community liaison group.
21. Where appropriate, I have subsequently made further changes to these conditions to reflect the Joint Witness Statements that have been prepared. I now attach a revised set of conditions (**Annexure A to this Summary**) which incorporates all additional amendments post the filing of evidence and the Joint Witness Statements (excluding air quality). These latest amendments are shown in highlighted green.
22. I have also attached draft Spill and Stormwater Management Plans, as required by the conditions (**Annexures B and C to this Summary**).

### **Conclusions of My Evidence in Chief and Rebuttal Evidence**

23. It is my view that the proposed consent conditions for the activity will effectively manage the key potential effects of the Proposal. The conditions have been refined as the project has developed, and reflect community feedback received through consultation, submissions, evidence, outcomes of expert conferencing and additional commitments made by the applicant. In a planning context, I have sought to identify and make every effort to capture all assurances or assumptions which are important to an experts' opinion, unless otherwise stated.

24. Subject to these conditions being implemented, I consider that the effects of the proposed Roydon Quarry are able to be managed to acceptable levels.

**Kevin Bligh**

13 November 2019