

From: [REDACTED]
To: [Hearings](#)
Cc: submissions@golder.co.nz
Subject: Notifications Consent Submission: Group 422
Date: Thursday, 6 June 2019 4:54:34 PM

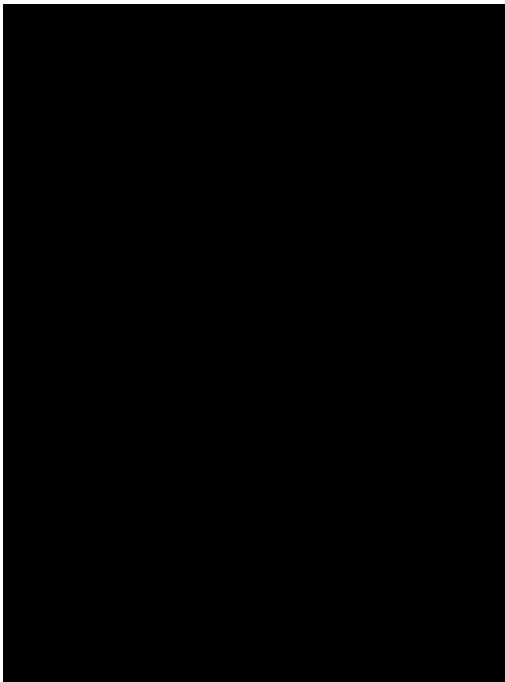
Group ID: 422

Consent name: Fulton Hogan - Roydon Quarry

Consent number: CRC192408, CRC192409, CRC192410, CRC192411, CRC192412, CRC192413, CRC192414, RC185627

Name: Adrian Matthews

Care of:



Contact by email: No

Is a trade competitor: No

Directly affected: Yes

Consent support/hearing details

- CRC192408: neither | NOT to be heard | will NOT consider joint hearing
- CRC192409: neither | NOT to be heard | will NOT consider joint hearing
- CRC192410: neither | NOT to be heard | will NOT consider joint hearing
- CRC192411: neither | NOT to be heard | will NOT consider joint hearing
- CRC192412: neither | NOT to be heard | will NOT consider joint hearing
- CRC192413: neither | NOT to be heard | will NOT consider joint hearing
- CRC192414: neither | NOT to be heard | will NOT consider joint hearing
- RC185627: neither | NOT to be heard | will NOT consider joint hearing

Reasons comment:

RE: Submission against Fulton Hogan proposed 'Roydon' Quarry application
Weedons/Templeton PART ONE: APPLICANT DETAILS Contact person: Adrian
Matthews Email: admthws@gmail.com I oppose the application. I DO NOT need to be
heard at a hearing in support of this submission? PART TWO: REASONS FOR MAKING
SUBMISSION I believe the application by Fulton Hogan to change the use of a large
section of Canterbury Plains Open farmland in Weedons/Templeton to a large scale open-
cast quarry will have negative and long lasting effects that cannot be adequately eliminated
for the surrounding communities. The known health risk of airbourne particulates
including Silica and well documented and the New Zealand Medical Journal (nzmz.or.nz 1
Dec 17, Vol.130, No.1466) confirms these risks without being able to identify safe
exclusion zones and the ability to stop activities where wind blown materials will affect
receptors (people) downwind). Dust will be present and airbourne at this Quarry from the
first dig to the last. Furthermore Work Safe NZ (worksafe.govt.nz) state that between 600-
900 deaths occur each year in NZ from inhaling silica Dust. I agree and support the
Residents overwhelming opposition for the quarry on agricultural land on the Western
edge of Templeton Township. Having a large scale, long term quarry located so close to a
large populous will cause significant harm to those living, working and carrying out
recreation in the area and will also marginalise our community to a totally unacceptable
level. I request that ECan & Selwyn DC take into account the cumulative effects of non-
residential/agricultural development in the Templeton and Weedons Surrounding areas
when determining this current application from FH. We already suffer the negative
impacts of a series of recent and some long established activities abounding Templeton
including: 1. Directly east of Templeton lays the Mike Pero (Ruapuna) Motorsport Park,
which includes the South Islands' most used motor racing Circuit, Speedway and motor
bike race track. 2. East: Existing Quarries abound. 3. North Existing Quarries abound. 4.
East: the growing Waterloo Business Park 5. West: The Inland Container Port and growing
I-Zone Business Parks and the related increases in heavy laden trains and trucks through
Templeton and Weedons. 6. The development of CIAL and the increase in flight volume
above the school. The only remaining greenbelt and rural outlook for Weedons, Broadfield
and Templeton Communities exists in the location of the proposed large scale quarry. The
proposed large scale quarry so close to Templeton Primary has potential to pose Safety and
health risks to our residents, recreational users of the district (Horseriders, cyclists, walkers
etc.) and other visitors alike My main concerns are as follows: Increased and/or
contaminated airborne dust. a. Templeton Township is located directly downwind of the
quarry for Canterbury's strongest nor west winds and within very close proximity to the
quarry (less than 700m). This will increase nuisance dust within classrooms, school
grounds and for some cause irritation and symptoms of concern. b. We have concerns
about respirable crystalline silica dust being released to air. c. The proposed minimising
strategies of bunds with vegetation and water washes are wholly insufficient to manage
increased contaminated airborne dust. We have no confidence in the effectiveness of FH
proposed methods of eliminating dust generation, noting that dust becomes airbourne
constantly from the moment the ground is broken until the site is 100% sealed over. We
also have no confidence in the ability to guarantee that independent dust monitoring
equipment is able to be deployed and operated constantly to record dust levels. We also
understand from Public meetings and personal experience that neither SDC nor ECan are
currently resourced and supported to deal with compliance checks and
sanctions/mitigations following breaches? Increased noise pollution a. The applicant
proposes to run permanent crushing, screening and washing equipment together with a
portable crusher. Based on current quarry operations the noise nuisance of these machines
is significant. While an Environment Noise Assessment has been provided by Fulton
Hogan, it appears that this assessment did not take into account noise from crushing,
screening and washing equipment combined with the portable crusher. b. Templeton &
weedons already sustain a greater than moderate level of noise pollution because of the
Christchurch International Airport Ltd. While the airport maintains appropriate noise

contours to discourage noise sensitive development from occurring in areas affected by aircraft noise, it does have an impact on our school. With the additional of a large scale quarry with crushing, screening and washing infrastructure so close to our school the excess noise may impede our resident's ability to hear and learn. c. Noise nuisance is further exacerbated by heavy vehicle and machine movements including truck reversing sirens making a piercing beeping noise (required for the workers safety). Compromised traffic and cyclist safety a. While the Integrated Transport Assessment proposal of Dawsons/Jones Roads and Dawsons/Main South Roads roundabouts addresses the proposed 1500 HVM movements per day, there is no confidence in adherence to this transport route. Without meaningful sanctions, how will adherence to this transport strategy be managed? b. The partial new cycleway from Rolleston through Templeton is being constructed to improve cycling use and safety in the area, including students cycling to nearby schools. The proposed quarry transport strategy will significantly jeopardise the safety of all those cyclists with at least 1500 HVM movements crossing the new cycle path in any given day and many others on the local roads, who will use roads in an uncontrolled manner to suit their business and daily homelives. c. Aggregate stockpiling between Fulton Hogan's Miners Road, Pound Road and proposed Roydon quarries will cause a vast increase in trucks using Kirk Road? Trucks passing through Weedons have been known to travel at inappropriate speeds, have uncovered loads (some with aggregate falling out) and contribute to dust pollution. Aquifer pollution and decrease in volume a. Local residents, rely entirely on safe potable water. Excavation, contamination through excavation, backfill, spills and water discharge may pollute our aquifer. What independent and regular water testing and monitoring is intended? b. Removing significant volumes of water from the aquifer may decrease volumes available downstream for Selwyn District & greater Christchurch residents. c. Without gravel to filter contaminates/spills/waste water there is very little stopping pollutants entering the aquifer. d. The proposed clean fill (if any can be found) will not contain the biodiversity of invertebrates that currently are the key to the sustainability of Christchurch's groundwater resources. e. The groundwater level is not controllable. In years where there is a return to higher groundwater levels, such a proposition would see land-based quarry floors becoming meters underwater, giving rise to many other issues including flooded quarries, temporary lakes, and bird fouling. f. The water race adjacent to the proposed quarry runs by the Templeton Community Centre and our school. The proposed quarry intends supplementing its operations with water from this race and discharging waste water back into it. Our students use this race for outdoor activities. Pollution of any kind has potential to harm our students and teachers. There appears to be no baseline water quality measures or testing to safeguard this water for all users. Health & Safety at Work Act Section 39 imposes strict duties on the people or organisations creating hazards, not only for works but also for ' persons, 'in the vicinity of the workplace and who are exposed to the plant, substance, or structure at the workplace, or whose health and safety may be affected by its use or a listed activity. Visual Environmental damage beyond what is reasonable The proposed site is in direct view of the new SH1 Road Bridge and entry to Christchurch at the intersection of Currags Road and SH1. The new bridge directly overlooks the subject sight and will prove an eyesore to the hundreds of thousands of persons transported along this Main Route through NZ. The measures proposed by FH do not adequately address the visual eyesore, ability to distract road users, dust generation to be moved by wind directly across the main road network thus causing a major safety concern so close to the Highway, (coupled with winter months sun-strike, this is a real issue that cannot be securely eliminated by the applicant. PART THREE: I WISH THE CONSENT AUTHORITY/ies TO MAKE THE FOLLOWING DECISION Reject the application for Quarrying in the proposed location While the need for another large scale quarry in Christchurch is debateable there are other more appropriate locations. Fulton Hogan has noted some in Figure 2 site selection map plus they already own a significant block of land on Chattertons Road (McLeans Island end). The proximity of a quarry so close to our school is absolutely unnecessary.

Consent comment:

Reject all RC applications by FH for quarrying the proposed site as per the reasons above. The site is not appropriately situated to quarry, it is too close to people.