From:	[redacted]
To:	Hearings
Cc:	submissions@golder.co.nz
Subject:	Notifications Consent Submission: Group 422
Date:	Thursday, 6 June 2019 10:37:22 AM
Attachments:	Submission-Jolene.docx

Group ID: 422

Consent name: Fulton Hogan - Roydon Quarry

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

Name: Jolene Eagar

Care of:

[redacted]

Contact by email: Yes

Is a trade competitor: No

Directly affected: No

Consent support/hearing details

- CRC192408: oppose | WANT to be heard | WILL consider a joint hearing
- CRC192409: oppose | WANT to be heard | WILL consider a joint hearing
- CRC192410: oppose | WANT to be heard | WILL consider a joint hearing
- CRC192411: oppose | WANT to be heard | WILL consider a joint hearing
- CRC192412: oppose | WANT to be heard | WILL consider a joint hearing
- CRC192413: oppose | WANT to be heard | WILL consider a joint hearing
- CRC192414: oppose | WANT to be heard | WILL consider a joint hearing
- RC185627: oppose | WANT to be heard | WILL consider a joint hearing

Reasons comment:
(nothing entered)

Consent comment:
(nothing entered)

Jolene Eagar

[redacted]

2. The reasons for making my submission are: *(state in summary the nature of your submission, giving reasons)*

My reasons for making this submission that applies to the application as a whole and opposing the application in its entirety is:

There is not one activity or change that the applicant is proposing to introduce to this site that will not affect the environment and the people living in it. The probability and magnitude of effects are more than minor.

The RMA is concerned with managing the effects our activities have on the environment so that the environment does not suffer. In this process we need to think about how our activities today can affect the future. The RMA process encourages us to get involved in deciding what is best for the environment. It expects us to say what we value about our environment so that our local councils can look after it for us. It is recognised that we as locals are best placed to know our own surroundings and hence, we are involved in deciding what needs to be protected and how. The applicant recognised this importance by publicly notifying the application.

1. **Background:**

I have been living in Templeton for over ten years with my husband and two girls. Living in Templeton means more than just living and doing things on our property. The girls used to go to Templeton Primary School. They loved the freedom to safely scooter or walk to school. Meeting up with their friends along the way. Living in a quiet, friendly and safe community is something we value very much. We have a golden Labrador whom we have spent endless hours walking down Jones Road, up Dawsons, round Maddisons and back down Kirk Road. That same 5 km route has been walked and run by all our family members more than I can count over the years. We consider that area as being part of our back yard.

Since the applicant made their intentions know to us over 18 months ago, our lives changed significantly. Gone was our peaceful, relaxed existence. It was replaced by uncertainty, fear, anger, disappointment and resentment. Not because of anything we did or brought onto our selves. Someone else made a decision that is affecting thousands of us. We all live in the same area. Share the same roads. Breathe the same air. Love Templeton and the surrounding area for the same reasons. And we will all be adversely affected by the accumulation of impacts.

I feel very strongly that all application in its entirety should be refused. The location and scale of the proposed activities this close to residential and commercial properties as well as a well-established community will be significant, and no amount of mitigation can fully protect us or the environment. The impact and the risks are just too high. These adverse effects include, but are not limited to the following:

2. Adverse effect on Air Quality and Dust Management.

A) Site Preparation and Bunding

- Creation of a quarry pit
  - Average extraction depth
  - Freeboard to be retained between the quarry pit floor and anticipated highest recorded ground water levels across the site.
  - Location of dust generating activities
  - Soil and overburden handling
  - Dust mitigation
  - Machinery and vehicles
  - Sensitive Receptors
  - Adverse effects on Templeton and Surrounding Residents and businesses
  - Surface water

- Bunds
  - Construction and maintenance
  - Planting
  - Purpose
  - Machinery and vehicles
  - Dust mitigation
  - Visibility
  - Sensitive Receptors
  - Adverse effects on Templeton and Surrounding Residents and businesses

B) Establishment of other facilities and Site design
- Workshops
- Offices
- Amenity blocks
- Surrounding areas
- Refuelling areas
- Storage areas for quarry plant machinery
- Truck washing facilities
- Machinery and vehicles

3. Extraction, Processing and Stockpiling areas

A) Extraction
- Extraction depth
- Phasing of extraction activities
- Machinery and equipment
- Dust mitigation
- Surface water

B) Processing
- Processing plant located within the quarry floor
- Processing of extracted aggregate to produce a range of aggregate products
- Fixed and Mobile processing plants
- Fixed processing operation:
  - Washing
  - Crushing
  - Screening
  - Conveyance
  - Stockpiling
- Minimum setback distances from site boundary and sensitive receptors
- Dust suppressant systems
- Hight of machinery and equipment
- Planning of activities
- Dust management Plan
- Site management practices
- Monitoring
- Communication
- Daily log information
- Surface water

C) Stockpiling
- Maximum volume
- Height
- Minimum setback distances from site boundary and sensitive receptors
- Loading and unloading
- Source of dust
- Raw and processed aggregate
- Surface water

4. Clean filling & Rehabilitation

A) Clean filling
- Areas set aside for clean filling and rehabilitation
- Use of worked out areas for clean filling
- Suitable sized areas within the quarry pit floor
- Clean fill brought to the site. Waste acceptance.
- Testing requirements
- Compliance
- Site management
- Staff requirements
- Training
- Health and Safety
- Clean fill 'tip head'
- Visual inspections of clean fill
- Unacceptable loads reaching the tip head

- Natural Protection
- Documenting and Record keeping
- Surface Water
- Environmental controls and monitoring
    - Spills
    - Dust
    - Noise
    - Sediment and erosion control
    - Site appearance and management
- Complaints

B) Rehabilitation
- Batter slopes
- Vehicle movements
- Landscaping and planting
- Proposed final landform
- Land use following quarry
- Effects of post rehabilitation land use
- Site character
- Surrounding site character
- Rehabilitation time scale
- Surface water
- Surface drainage patterns
- Surface drains

5. Transportation

- Transporting of material from working extraction area to fixed or mobile processing plants.
- Dispensing material into stockpiles
- Loading of road trucks from stockpiling area
- Single point heavy vehicle access
- Light vehicle access
- Internal haul roads
- Field conveyor system
- Vehicle transport
- Unpaved surfaces

6. Water management and Treatment

- Take water for aggregate washing, dust suppression and irrigation
- Existing take on site
- Change of use of well
- Water races on site
- Wash water ponds
- Aggregate washdown water
- Truck washing
- Stormwater discharges

- Effect on surface water
- Water resources
- Contamination
- Monitoring
- Efficiency
- Wells and Bores
- Roof-Collected water supplies

7. Site Location

8. Hours of operation, commencement and duration

9. Dust

Discharge of dust beyond the site boundary.

A) Sources of dust:
- Site preparation
- Landscaping
- Quarry development
- Initial extraction area
- Transport of aggregate
- Vehicle traffic/movements
- Excavation of aggregate
- Loading and unloading of materials
- Processing of materials
  - Crushing
  - Screening
- Stockpiling
- Exposed areas
- Site access
- Overburden removal
- Bund formation
- Conveying
- Site climate
- Wet and dry surface conditions
- Moisture content of the surface
- Windspeed across the surface
- Percentage of fine particles comprising the surface material
- Clean fill deposition
- Rehabilitation

B) Nuisance Dust
- Annoyance/Irritation
- Frequency
- Quantity
- Discernible dust
- Proactive controls

- Visual soiling of clean surfaces
- Impacts on amenity
- Visibility
- Structures
- Plant life
- Sensitive Receptors
- Templeton Residents
- Risk of impacts based on FIDOL factors
- Screening assessment
- Separation distances
- Mitigation
- Monitoring
- Setbacks and limitation of activities
- Dust suppression
    - Watercarts
    - High pressure water-misting/fog cannon system
- Wind shelter
    - Shelterbelts
- Chemical dust suppressants/pea gravel
- Compliant Recording, response and investigations
- Training
- Record keeping and document maintenance
- Roles and Responsibilities
- Site dust source risk assessment
- Dust intensity and character
- Horses, livestock and other animals
- Contingencies
    - Breakdown/failure of water suppression systems
    - Failure or poor performance of monitoring equipment
    - Stabilisation materials
    - Dust impacts out of hours
- Site inspections
- Visible dust emissions
- Control and management methods
- Consent monitoring
- Monitoring program in and around the Yaldhurst Quarry Zone
- Sensitive Receptors
- Templeton and Surrounding Residents
- Monitoring
    - Monitoring Compliance
    - Background
- Dust suppression
- Wind Speed and direction

C) Health Effects
- Airborne dust
- Sensitive Receptors

- Templeton and Surrounding Residents
- Animals
- Sense of aesthetics
- Stress-related health effects
- Sleep disturbance
- Psychosocial well-being
- Cumulative effect
- Surrounding area
- Mitigation
- Monitoring
    - Compliance
    - Background
- Dust suppression
- Wind Speed and direction

D) Receiving Environment
- Rural Land
- Residential dwellings
- Buddhist Temple
- Commercial Properties
- Chicken Farms
- Caravan Park
- Office Building
- Tree nursery
- Accommodation facilities
- Farm Chief
- CCC owned land
- Templeton and Surrounding Residents

10. Traffic

- Transport Environment
- Infrastructure
- Heavy vehicle movements
- Heavy vehicle access road
- Light vehicle access
- NZTA – Christchurch Southern Motorway
    - CSM2 – Dawsons Road/SH1 Roundabout
    - CSM2 Road works
- Rural Roundabout Jones Road/Dawsons Road
- Traffic Volumes
- Level crossing safety
- Queue back to Railway
- Queue back to Roundabout
- School bus movements
- Cycle Track/Movements
- Traffic Generation
- Distribution Patterns

- Additional traffic on nearby roads
- Road network mitigation
- Public Transport
- Intersections
- Daily Volumes
- Speed
- Hourly traffic patterns
- Road Safety
- Proposed Transport Projects
- Jones Road shared path
- Walking and Cycling
- Route selection
- Sensitive Receptors
- Templeton and Surrounding Residents
- Effects on Main South Road
- Horses, livestock and other animals
- Sensitivity Testing

11. Noise

- Offensive or objectionable
- FIDOL factors
- Site establishment
- Main operations
- Noise limits
- Construction noise
- Sensitive Receptors
- Templeton and Surrounding Residents
- Vehicle reversing alarms
- Rehabilitation
- Existing environment
    - Ambient noise levels
    - Future noise levels
- Operational noise
- Vehicle noise on site
- Daytime noise
- Evening and night-time noise
- Vibration
- Vehicle noise on public roads
- Empty truck and trailer
- Vehicle vibration on public roads
- Horses, livestock and other animals
- Monitoring
- Mitigation

12. Hazardous Substances

- Contaminated Material
- Spills
- Consultation
- Reporting and Review

13. Ground Water

- Quality
- Quantity
- Monitoring
- Responses to monitoring
- Natural Protection
- Storm water
- Effects of Nitrates
- Effects of pathogens
- Groundwater contamination
- Effects of machinery and other activities on ground water
- Effects on ground water users
- Monitoring
- Mitigation

14. Landscape and Visual Impact

- Importance of landscapes and features
- Bunds
- Plantings
- Mitigation
- Aesthetic coherence
- Peoples appreciation of pleasantness
- Comfort and enjoyment
- Edge treatments
- Monitoring
- Maintenance
- Photo illustrations and sketches
- Receiving environment
- Existing site character and values
- Quality of the visual catchment
- Visual amenity
- Human Structures
- Statutory Documents/Legislation
- Existing Topography
- Sensitive Receptors
- Walking Track
- Rehabilitation

- Future activities
- Light Pollution
- Attracting Investment
- Attracting Residents
- Branding
- Social/Cultural
    - Quality of life
    - Spiritual Renewal
    - Sense of place and identity
- Environmental and Cultural Effects

15. Economic Assessment

- Future demand for and supply of aggregate
- Economic importance of low cast aggregate
- Economic benefits
- Economic Costs
- Community Economic Wellbeing
- Non-Economic effects
- Retained employment, Income and Expenditure
- Alternative land uses
- Public Infrastructure costs
- Local Road congestion costs

16. Statutory Assessment

- Resource Management Act 1991
- National Environmental Standards
- Canterbury Land and Water Regional Plan
- Canterbury Air Regional Plan
- Selwyn District Plan
- National Policy Statement for freshwater Management 2014
- Regional and District Planning
- Canterbury Regional Policy
- Health and Safety at Work Act 2015

17. Climate Change

- Mitigation

18. Cumulative effects

- The accumulation of impacts over time resulting from the combination of effects from several activities. The cumulative effects are greater in significance than any individual effect from an activity.

19. Compliance

3. I wish the consent authority to make the following decision: ***(give details, including the general nature of any conditions sought)***

I wish to object to the application as a whole and feel very strongly that the application in its entirety should be declined.