

Resource Management Act 1991

Canterbury Regional Council and Waimakariri District Council

Joint Report and Decision of Independent Hearings Commissioner

Applications by Christchurch Ready-Mix Concrete Limited Canterbury Regional Council for Discharge Permit CRC180861 Waimakariri District Council for Land Use Consent RC175217

Applications

1. Christchurch Ready-Mix Concrete Limited ('the applicant') have applied for resource consents to establish and operate an aggregate quarry located at 1 Browns Road, Swannanoa.
2. The application to Canterbury Regional Council (CRC) is for a discharge permit to discharge dust into air from an aggregate extraction site. Activities include aggregate extraction, stockpile formation, processing of aggregate and cut and fill of onsite material. A consent duration of 30 years is sought.
3. The application to Waimakariri District Council (WDC) is for a Land Use Consent to:
 - (a) undertake earthworks exceeding 1000 cubic metres (m³) per hectare over Lot 1 DP465190, with a maximum of 300,000 m³ of aggregate material being extracted annually;
 - (b) stockpile soil over vegetation covering more than 1000m²; and
 - (c) construct a new eight metre wide accessway that will exceed the maximum width requirement for the purpose of establishing and operating a proposed quarry.

Assessment

4. In assessing the above applications, I have read the application documentation and assessment of environmental effects (AEE). I did not undertake a site visit.
5. I have read the Section 42A Officers Report prepared by Ms Nicola Duke, Consents Planner for Canterbury Regional Council, in regard to the discharge permit application. Pursuant to section 113 (3)(b) of the Resource Management Act 1991, I accept and adopt all of the assessment of the resource consent application and the conclusions reached. The report forms part of the decision.
6. I have read the Section 42A Officers Report prepared by Mr Andrew Maclellan, Consultant Planner, Incite Limited, on behalf of Waimakariri District Council. Pursuant to section 113 (3)(b) of the Resource Management Act 1991, I accept and adopt all of the assessment of the resource consent application and the conclusions reached. The report forms part of the decision.

7. In considering the resource consent applications I have had regard to section 104 and, 105 and Part 2 of the RMA. Overall, I consider the activities will achieve the purpose of the RMA.
8. On the basis of the evidence before me, I am satisfied that:
 - (a) any adverse effects of the activities are likely to be minor, subject to the imposition of consent conditions; and
 - (b) the proposal is consistent to the objectives and policies of the relevant national environmental standards, regional plans, and district plans as set out in the Section 42A Officers Reports.

Duration

9. The applicant has requested a consent duration of 30 years for the resource consent application to Canterbury Regional Council. I accept Ms Duke's recommendation that the discharge permit be granted for a term of 30 years.

Decision

It is my decision, under delegated authority on behalf of the Canterbury Regional Council and the Waimakariri District Council, pursuant to sections 104, 104C and 105, and subject to Part 2 of the Resource Management Act, to **GRANT** the following resource consents for the establishment and operation of a quarry at 1 Browns Road, Swannanoa:

- i. Discharge Permit CRC180861 – to discharge contaminants into air, subject to conditions set out in Appendix 1; and
- ii. Land Use Consent RC175217 – to undertake earthworks, stockpile soil and construct a new accessway, subject to conditions set out in Appendix 2.

Dated at Christchurch this 6th day of April 2018

Signed: 

Sharon McGarry
Independent Hearings Commissioner

Appendix 1

Discharge Permit CRC180861 – To discharge contaminants into air

	DESCRIPTION
1	<p>The discharge of contaminants into air shall only be from quarrying activities located at 1 Browns Road, Eyrewell Forest, at or about map reference NZTM 1550749 mE, 5191562 mN and shown as 'Proposed Quarry Area' on Plan CRC180861A, which forms part of this consent.</p> <p>For avoidance of doubt, no blasting is authorised by this consent.</p> <p>Advice Note: <i>This consent does not authorise the discharge of contaminants into air arising from chemical stabilisation of exposed surfaces.</i></p>
2	<p>The contaminants discharged into air shall only be dust generated from the following activities:</p> <ul style="list-style-type: none"> a. Removal and storage of overburden and topsoil; and b. Construction and maintenance of bunds; and c. Extraction and stockpiling of aggregate; and d. Crushing and screening of aggregate; and e. Site rehabilitation; and f. Movement of vehicles associated with the above activities.
	PRIOR TO WORKS
3	<p>At least one month prior to the commencement of the activities listed in Condition (2) of this resource consent ('works'), the Consent Holder shall inform the Canterbury Regional Council, Attention: Regional Leader - Monitoring and Compliance, in writing of the start date of works.</p>
4	<p>Prior to commencing works, the Consent Holder shall provide a copy of this resource consent to all persons undertaking activities authorised by this consent and explain to those persons how to comply with the consent conditions.</p>
5	<p>At least one month prior to commencement of activities listed in Conditions (2), the Consent Holder shall submit, for approval, a Quarry Management Plan to the Canterbury Regional Council, Attention: Regional Leader - Monitoring and Compliance.</p>
	EXCAVATION LIMITS





6	<p>A maximum of:</p> <ul style="list-style-type: none"> a. 300,000 cubic metres of aggregate shall be excavated in any twelve consecutive months; and b. 4,000,000 cubic metres of aggregate shall be excavated from the site.
7	<p>The Consent Holder shall keep a record of the volume of excavated aggregate, in cubic metres, to show compliance with Condition (6). This record shall be provided to the Canterbury Regional Council, Attention: Regional Leader - Compliance and Monitoring, by the 31st of January each year for the previous year, for the duration of this consent.</p>
	STOCKPILES, CRUSHING, AND SCREENING
8	<p>All stockpiles of any processed material and all crushing and screening of aggregate (including the mobile crushing plant) shall be located a minimum of:</p> <ul style="list-style-type: none"> a. 20 metres from the site boundary; and b. 250 metres from any residential buildings.
9	<p>The height of stockpiles of any material shall be no greater than three metres in height.</p>
10	<p>The volume of aggregate stockpiled shall not exceed:</p> <ul style="list-style-type: none"> a. 10,000 cubic metres for any one type of processed material; and b. 20,000 cubic metres in total.
11	<p>A maximum of 60,000 cubic metres of material shall be processed on site in any period of 12 months.</p> <p>The Consent Holder shall keep a record of the volume of material processed on the site, in cubic metres, to show compliance with this condition. This record shall be provided to Canterbury Regional Council on request.</p>
12	<p>Crushing/screening activities within 500 metres from any residential building shall cease:</p> <ul style="list-style-type: none"> a. When the wind is blowing at seven metres per second or greater from: <ul style="list-style-type: none"> i. The southeast to the south-southwest (approximately 140°N to 210°N) during extraction in the Stage 2 or Stage 3 areas, as shown on Plan CRC180861B, which forms part of this consent; or ii. The south-southwest to the northwest (approximately 210°N to 295°N) during extraction in the Stage 7 or Stage 8 areas, as shown on Plan CRC180861B, which forms part of this consent; or

	<p>iii. The southeast to the west (approximately 145°N to 265°N) during extraction in the Stage 9 area; and</p> <p>b. During dry weather conditions.</p> <p>Advice note: 'Dry weather conditions' is defined as 'no rain has fallen during past 24 hours and ground conditions are visibly dry'.</p>
	HOURS OF OPERATION
13	<p>The hours of operation are limited to:</p> <ul style="list-style-type: none"> a. Extraction and Cartage: <ul style="list-style-type: none"> a. 0500-2100 hours Monday to Friday; and b. 0500-1900 hours Saturday. b. Processing: <ul style="list-style-type: none"> a. 0700-1900 hours Monday to Saturday. <p>For the avoidance of doubt, there shall be no extraction, cartage or processing on Sundays or public holidays.</p>
	MITIGATION MEASURES
14	<p>The discharge shall not cause suspended or deposited particulate matter that is offensive or objectionable, beyond the boundary of the site as shown on attached Plan CRC180861A.</p>
15	<p>The Consent Holder shall undertake all practicable measures to ensure compliance with Condition (14) of this consent. Such measures shall include but not be limited to:</p> <ul style="list-style-type: none"> a. Applying water to unconsolidated surfaces and stockpiles, as necessary, to minimise dust emissions during dry and windy conditions; b. Minimising exposed areas within the quarry; c. Maintaining a cover of metal on unsealed haul roads to reduce dust caused by truck movements; d. Ensuring that crushing material is sufficiently damp to ensure minimal dust discharge; e. Using fitted water sprays, as required, to dampen aggregate material at the crusher; f. Checking trucks for load security before they leave the site to prevent truck overloading to avoid spillages; and g. Limiting vehicle speeds on site to not more than 15 kilometres per hour within Stage 8 and Stage 9 when within 250 metres of a dwelling and 20 kilometres per hour for the remainder of the site.
16	<p>The Consent Holder shall ensure that:</p>

	<ul style="list-style-type: none"> a. Equipment for monitoring wind speed and direction is installed, a minimum of three months prior to works commencing on the site, at least three metres above current surrounding ground level; and b. The monitoring equipment is located at least 20 metres from any bund.
17	<p>All dust generating activities within 250 metres of any residential building shall cease:</p> <ul style="list-style-type: none"> a. When wind speeds are greater than seven metres per second (rolling one-hour average); and b. When wind is blowing from: <ul style="list-style-type: none"> i. The south-southwest to the northwest (approximately 210°N to 295°N) during extraction in the Stage 8 area; or ii. The southeast to the west (approximately 145°N to 265°N) during extraction in the Stage 9 area; and c. During dry weather conditions (i.e. no rain has fallen during past 24 hours and ground conditions are visibly dry).
	DUST MANAGEMENT PLAN
18	<p>The Consent Holder shall:</p> <ul style="list-style-type: none"> a. Compile, maintain and comply with a 'Dust Management Plan' (DMP); and b. Review and update the DMP at least once every two years for the duration of this consent; and c. Retain a copy of the DMP on the site at all times; and d. Forward a copy of the DMP (including any updated version) a least one month prior to commencement of activities authorised by this consent to the Canterbury Regional Council, Attention: Regional Leader - Monitoring and Compliance.
19	<p>The DMP shall include but not be limited to:</p> <ul style="list-style-type: none"> a. The actions required to be carried out to ensure compliance with the conditions of this consent; and b. Identifying the persons responsible for carrying out all actions in relation to meeting the requirements of this consent; and c. The frequency and triggers for the use of water sprays; and d. Details of actions to be taken in response to non-compliance with Condition (14).
	RECORDS AND REPORTING
23	<p>A record of all complaints made to quarry staff or management relating to the discharge of contaminants into air shall be maintained and shall include:</p> <ul style="list-style-type: none"> a. The location where the contaminants were detected by the complainant;

	<ul style="list-style-type: none"> b. The date and time when the contaminants were detected; c. A description of the wind speed and wind direction when the contaminants were detected by the complainant; d. The most likely cause of the discharge of contaminants detected; and e. Any corrective actions undertaken by the Consent Holder to avoid, remedy, or mitigate the effects of the contaminants detected by the complainant. <p>The record shall be provided to the Canterbury Regional Council, Attention: Regional Leader - Monitoring and Compliance by the 1 December each year for the duration of this consent.</p>
	ADMINISTRATION
25	The Canterbury Regional Council may, once per year, on any of the last five working days of May or November, serve notice of its intention to review the conditions of this consent for the purposes of dealing with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage.
26	The lapsing date for the purposes of section 125 shall be 31 March 2023.



-  Aerial Imagery
-  Boundaries (Latest Visible)
-  Aerial Imagery
-  Footprints (Latest)

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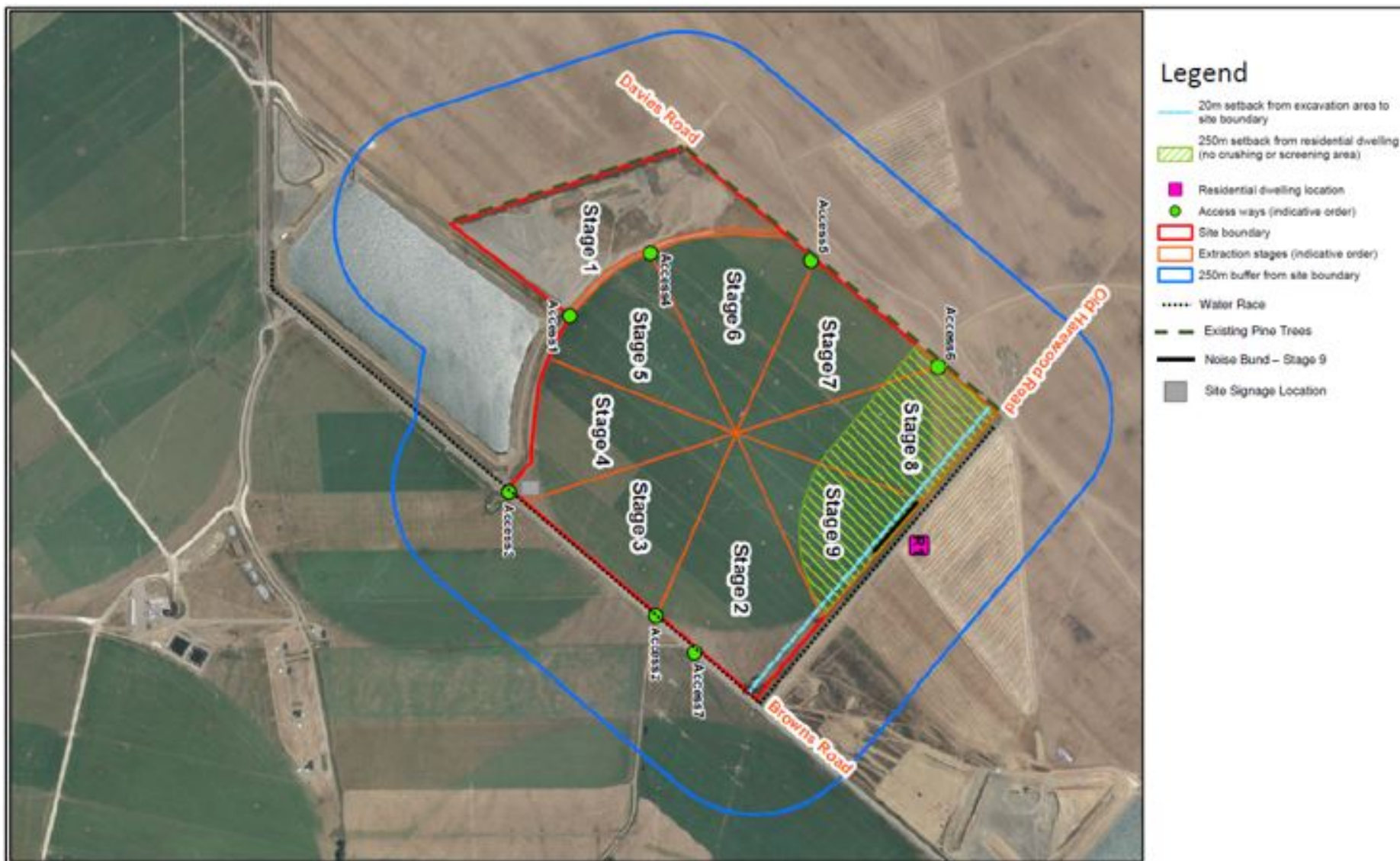


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Plan CRC180861B – Quarry Scheme Plan



Appendix 2

Land Use Consent RC175217 - To establish and operate a quarry with onsite processing at Browns Road, Swannanoa

1. Application Plan

- 1.1 Except where necessary to comply with the following conditions, the activity shall be carried out in accordance with the attached approved application plans stamped RC175217.
- 1.2 Pursuant to Section 128 of the Resource Management Act 1991, the Council may, at any time within 10 working days of each anniversary of this consent, review Conditions (8), (9), (10), (11), and (12) of this consent to deal with any adverse effect on the environment which may arise from the exercise of this consent which it is appropriate to deal with at a later stage.

2. Standards

- 2.1 All stages of design and construction shall be in accordance with the following standards (and their latest amendments) where applicable:
 - Waimakariri District Council Engineering Code of Practice;
 - NZS 6803:1999 Acoustics - Construction Noise; and
 - R06/23 - Erosion and Sediment Control Guideline 2007.

3. Plans and Specifications

- 3.1 The Consent Holder shall submit an electronic copy of plans and specifications for the following works detailed in the application:
 - All road sealing works including drainage; and
 - All access way works including culvert sizing calculationsThe plans and specification shall be prepared by a suitably qualified engineer and submitted to Council for certification. Certification of complying documents shall be given in writing and work shall not commence until this has been received from the Council.
- 3.2 The Consent Holder shall submit any subsequent amendments to the plans and specifications to Council for approval in writing.
- 3.3 The Consent Holder shall forward with the engineering plans and specifications copies of any other consents granted in respect of this land use operation.

4. Quarry Operation

- 4.1 The hours of operation shall be limited to:
 - a. 5.00am to 9.00pm from Monday to Friday (inclusive), and 5.00am to 7.00pm on Saturday, for the extraction operations.
 - b. 7.00am to 7.00pm Monday to Saturday (inclusive) for processing operations.
 - c. The site shall be closed on Sundays and Public Holidays for all activities other than dust control and maintenance activities.
- 4.2 The Consent Holder shall stage the quarry operation to ensure there is no more than nine hectares of disturbed land, including haul roads, stockpiles, staging areas, processing areas and excavation pit, that has not been rehabilitated.
- 4.3 A maximum of 300,000 cubic metres (m³) of material shall be quarried from the site in any one calendar year.
- 4.4 The processing plant shall only operate during the daytime period (7.00am to 7.00pm, Monday to Saturday).
- 4.5 The processing plant shall not operate within 250 metres of the dwelling at 233 Browns Road, Swannanoa (Lot 2 DP 465190).

- 4.6 Extraction shall not occur within 200 metres of the dwelling at 233 Browns Road, Swannanoa (Lot 2 DP 465190) during the night time period (7.00pm to 7.00am).
- 4.7 All works, with the exception of off-site transportation of material shall be set back 70 metres from the dwelling at 233 Browns Road, Swannanoa (Lot 2 DP 465190).
- 4.8 A public notice shall be displayed at the entrance to the site providing contact details of the Consent Holder and those responsible for the site, including afterhours contact details.

5. Earthworks / Geotechnical

- 5.1 The Consent Holder shall undertake a geotechnical review to ensure all earthworks and quarry activities proposed in close proximity to the existing dam do not compromise the integrity of the dam on the site. The report is to be prepared by a suitably qualified CPEng qualified engineer and submitted to Council for review.

6. Access / Vehicle Crossing

- 6.1 The Consent Holder shall upgrade or construct three separate accesses on Browns Road (as shown on the application 'Site Plan Diagram') to accord with Waimakariri District Council Engineering Code of Practice Standard Drawing 600-218 (Issue E).
- 6.2 Access locations shall be a minimum of 180 metres apart and shall be formed to 8 metres wide.
- 6.3 The existing entrance off Browns Road to the water cart filling station shall be upgraded to accord with the Waimakariri District Council Engineering Code of Practice Standard Drawing 600-218 (Issue E) with a maximum width of 6 metres.
- 6.4 The Consent Holder shall Clegg Hammer test the access/all accesses prior to the top course of metal being applied. A measured Clegg Impact Value of at least 35 shall be obtained to assure adequate compaction and pavement strength prior to the top course of metal being applied. Documentation shall be supplied to Council confirming the test results obtained.
- 6.5 The Consent Holder shall provide a design report, including supporting calculations, engineering plans and specifications which sizes the required culvert(s) under the access for Council's certification. The culvert(s) shall be complete with all required headwalls and scour protection. The design shall be certified by a Chartered Professional Engineer. No work shall commence until formal engineering certification in writing has been provided by Council.
- 6.6 The Consent Holder shall, prior to the commencement of any works, engage a Chartered professional engineer to supervise all engineering works and setting out.
- 6.7 The Consent Holder shall ensure the supervising Chartered Professional Engineer supplies to Council a certificate stating that all works and services associated with the quarry entrance culverts have been installed in accordance with the approved engineering plans and specification and that the "as Built" plans have been submitted to Council.

7. Roding

- 7.1 The Consent Holder shall, prior to commencing transportation of material from the site, give effect to a "Road Maintenance Agreement". The Road Maintenance Agreement shall include 5.6 kilometres of road from South Eyre Road to the quarry entrance at 1 Browns Road. The general terms of the agreement are to be consistent with the existing road maintenance agreement between Council and the RC175062 Consent Holder (currently Christchurch Ready Mix Concrete Ltd.) The term of the road maintenance agreement is to be the life of the quarry.
- 7.2 Three months prior to extraction of material ceasing, a roading remediation plan shall be prepared, submitted to Council for certification, and once certified,

implemented.

- 7.3 The Consent Holder shall chip seal sections of Browns Road in the following locations:
- Extending by 200 metres the existing seal on Browns Road at the intersection with South Eyre Road;
 - 600 metres of Browns Road adjacent to the Ngai Tahu farm dwellings (Lot 2 DP 465190); and
 - 200 metres of Browns Road outside the dwelling at the intersection of Hetherton Road (Lot 1 DP 392236).
- 7.4 The Consent Holder shall submit plans and specifications for the road sealing works to be undertaken under this consent. The plan shall detail the extent of works, road structural and geometric details as well as roadside drains, soak pit / drainage design and berm grading details. As built plans shall be submitted to Council on completion of the sealing works, to accord with the Waimakariri District Council Engineering Code of Practice.

8. Traffic

- 8.1 The maximum number of heavy vehicle movements shall be 200 per day. This number includes vehicle movements generated from the Christchurch Ready-Mix Concrete Browns Road quarry (RC175062).
- 8.2 Heavy vehicle movements shall be limited to 20 movements per hour during daytime hours (7.00am to 7.00pm); and eight movements per hour during night-time hours (5.00am to 7.00am and 7.00pm to 9.00pm).
- 8.3 The Consent Holder shall maintain and operate vehicle GPS units capable of logging date and time of entry to and exit from the site, for all heavy vehicles. Data collected shall be made available to the Council upon request.
- Advice note:** For the purposes of Condition (8), the movements of the water cart for filling or dust suppression purposes are not included in the maximum heavy vehicle movements per day.

9. Quarry Management Plan

- 9.1 A Quarry Management Plan covering all activities to be undertaken on the site and potential effects shall be prepared and implemented. The Plan shall detail the following (but is not limited to):
- Relevant site operations, the framework and detail of procedures, lines of responsibility for management of effects and methods of communication;
 - Environmental effects associated with the quarry including (but not limited to) noise, dust, traffic and visual effects;
 - Consent conditions and other mitigation measures to be employed;
 - Monitoring requirements;
 - Site rehabilitation requirements;
 - Review provisions are to be included in the Quarry Management Plan;
 - Stormwater management; and
 - Hazardous substance and spill response provisions.
- 9.2 The Quarry Management Plan shall be submitted to the Council for certification prior to quarrying operations under this consent commencing on the site.

10. Environmental Management Plan

- 10.1 Prior to any works commencing on site the Consent Holder shall provide a site specific Environmental Management Plan (EMP) detailing the methodology of works and the environmental controls in place to limiting effects from issues involving flooding, dust, noise, pollution, wildlife, etc.
- 10.2 The Consent Holder shall submit the EMP to the Council for certification. The Consent

Holder shall be responsible for installing and maintaining the sediment control devices, including making regular inspections.

11. Noise

- 11.1 All activities shall be designed and conducted so as to ensure that the following noise limits are not exceeded at or within the notional boundary of any residential dwelling:
- a. 50 dB LAeq 7.00am – 7.00pm daily
 - b. 40 dB LAeq 7.00pm – 7.00am daily, and on public holidays
 - c. 70 dB LAmax All days between 10.00pm and 7.00am, and on public holidays
- 11.2 Construction noise shall not exceed the recommended limits in, and shall be measured in accordance with, the provisions of NZS6803:1999 “Acoustics - Construction Noise”.
- 11.3 The Consent Holder shall construct an earth bund of a minimum of 3 metres in height on the eastern boundary (as per Figure 3 in the Marshall Day report) prior to commencement of Stage 9. The bund shall be grass seeded within one month of construction and shall be maintained to ensure grass cover.
- 11.4 The Consent Holder shall deconstruct the bund once the quarry operation is complete and use the material to rehabilitate the final stage of the quarry.
- 11.5 The noise bund shall be graded no steeper than 1 in 4.
- 11.6 Noise monitoring shall be undertaken six monthly for the first two years, and biannually thereafter. Results of noise monitoring undertaken shall be provided to Council.

12. Vibration

- 12.1 The Consent Holder shall ensure vibration effects are minimised by:
- a. Ensuring the quarry floor is kept clean and a smooth wearing course is maintained where plant and machinery are moving;
 - b. Quarry benches shall be maintained with a uniform surface from which plant and machinery can operate; and
 - c. Access roads, access ramp and entranceways shall be well maintained.

13. Dust control

- 13.1 The Consent Holder shall implement best practice measures to reduce dust discharge off the site.

14. Stockpiling

- 14.1 Any material stockpiled shall be located within the quarry area.
- 14.2 Material stockpiled on the site shall only be sourced from within the site.
- 14.3 Stockpiles shall not exceed three metres in height.

15. Site Rehabilitation

- 15.1 For each stage of the excavation a Rehabilitation Plan shall be prepared and submitted to the Council within three months of the commencement of excavation operations, for certification that it documents as a minimum:
- a. The timeframes for rehabilitation works, including but not limited to the following requirements:
 - i. Rehabilitation shall be undertaken no more than six months following cessation of excavation activities; and
 - ii. Rehabilitation works shall be completed as soon as practicable having regard to any ongoing excavation activities.
 - b. The area excavated in stage 1, shall be rehabilitated to a standard suitable for

- use as an irrigation storage pond or in accordance with (c) below.
- c. The areas excavated in stages 2 – 9:
- i. Shall be rehabilitated by covering the site with topsoil excavated from the next stage of the quarry area;
 - ii. Shall be graded to be suitable for use of a pivot irrigator. The battering of pit slopes shall not exceed a 1:7 grade above the pit floor;
 - iii. Rehabilitated areas shall be re-grassed in appropriate vegetative cover suitable for stabilising the site, preventing dust and reinstating productive pasture land. Soil conditioning (including removal of stones/weeds, seeds/weeds, soil moisture management and establishing optimum nutrient levels) and seeding shall occur as soon as practicable after filling to re-establish productive pasture land; and
 - iv. Vegetative cover on rehabilitated areas shall be maintained in a condition suitable for the stability of the site or preventing dust. Any dead or dying grassed areas shall be replaced as soon as practicable.
- 15.2 Written notice shall be provided to the Council within one month of the extraction activity ceasing on the site.
- 15.3 Upon completion of each stage of the excavation, the site shall be rehabilitated within six months in accordance with the certified Rehabilitation Management Plan.

16. Accidental Discovery Protocol

- 16.1 Where suspected urupa, wahi tapu, wahi taonga or any place associated with human activity that occurred before 1900 is discovered, and may be able, through investigation by archaeological methods, to provide evidence relating to the Māori history of the area:
- a. Earthworks shall stop immediately;
 - b. All machinery shall be shut down immediately;
 - c. All persons shall leave the area;
 - d. The land owner shall be advised of the discovery;
 - e. Heritage New Zealand shall be advised of the discovery and either the Regional Archaeologist of the NZ Historic Places Trust has confirmed in writing that the archaeologist provisions of the Historic Places Act do not apply; or the requirements of the Historic Places Act have been met and, if required, an archaeological authority (consent) has been granted by Heritage New Zealand;
 - f. Where the place is associated with Māori activity that occurred before 1900 the land owner shall consult Te Ngāi Tūāhuriri Runanga to determine in consultation with Heritage New Zealand, what further actions are appropriate to safeguard the site or its contents, and to avoid, reduce, remedy or mitigate any damage to the site; and
 - g. Waimakariri District Council shall be notified.
- 16.2 Where koiwi tangata (human remains) are suspected:
- a. Steps shall be taken immediately to secure the area in a way that ensures the koiwi tangata are untouched;
 - b. Te Ngāi Tūāhuriri Runanga, the Police, the Waimakariri District Council and Heritage New Zealand shall be notified;
 - c. The property owner shall arrange for his/her representatives to be available to meet and guide kaumatua, Police, Waimakariri District Council and Heritage New Zealand staff to the site, assisting with any requests that they may make;

- d. Earthworks in the affected area shall remain halted until the kaumatua, the Police and Heritage New Zealand staff have marked off the area around the site and have given approval for earthworks to recommence, including notification that the archaeological provisions of the Historic Places Act have been met and, if required, an archaeological authority (consent) has been granted by Heritage New Zealand; and
- e. Where the kaumatua are satisfied that the koiwi tangata are of Māori origin the kaumatua will decide in consultation with Heritage New Zealand, what happens to the koiwi tangata and will give their decision to the Police, Heritage New Zealand and the land owner.

17. Complaints register

- 17.1 The Consent Holder shall maintain a complaint register for all aspects of the operation. This record shall be provided to the Waimakariri District Council upon request. This register shall include the following for each incident:
 - 17.2.1 The name and address of complainant (if given);
 - 17.2.2 Date and time, description and location of where the dust, noise or other effect arose: and
 - 17.2.3 Any mitigation measures undertaken by the Consent Holder to avoid, remedy or mitigate the effect detected by the complainant.

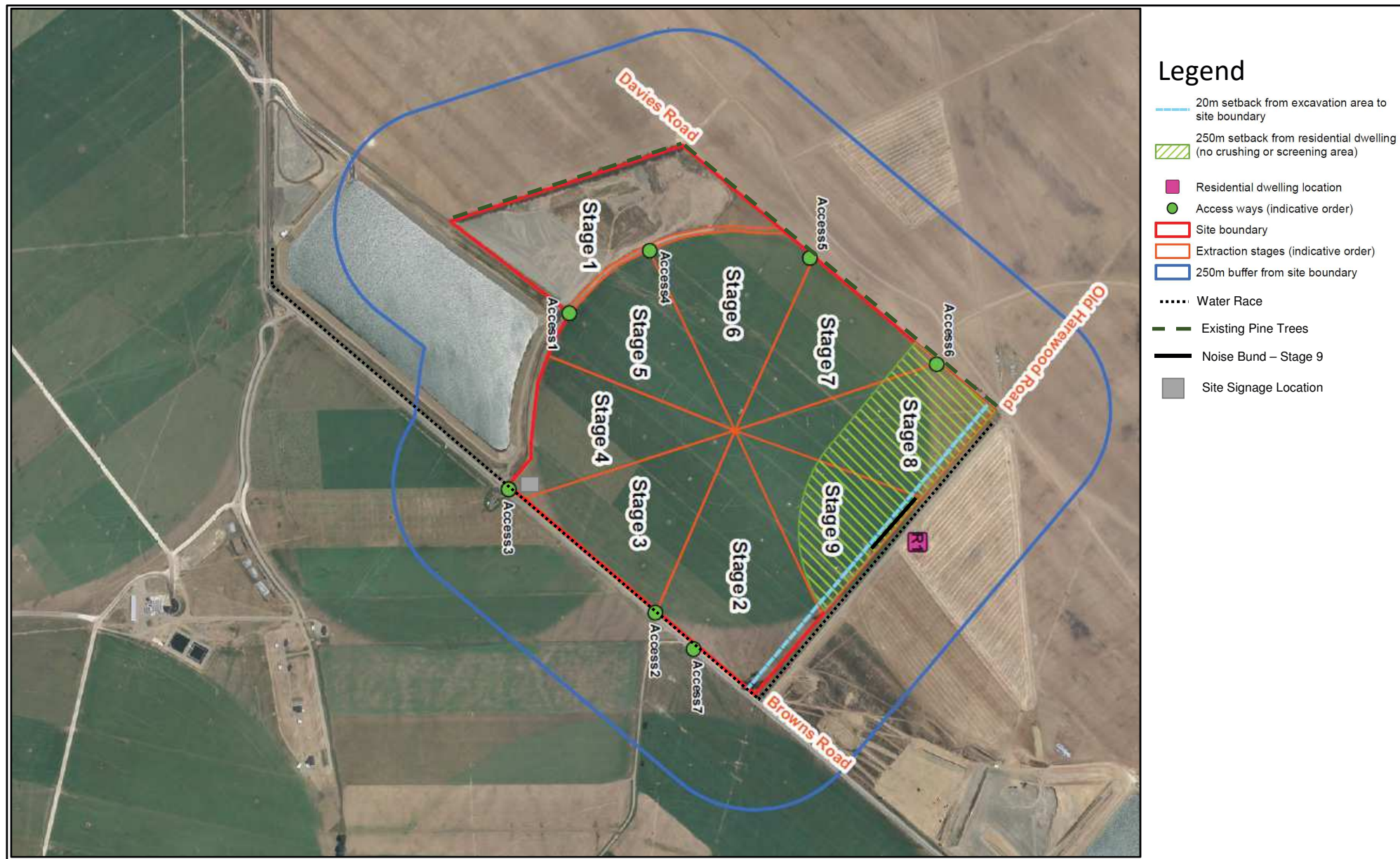
18. Inspections

- 18.1 Compliance with the above conditions shall be verified by inspection by a Council officer pursuant to Section 35(2) (d) of the Resource Management Act 1991. Should an inspection be required the Consent Holder shall pay to the Council charges pursuant to Section 36 (1) (c) of the Resource Management Act 1991 to enable Council to recover its actual and reasonable costs in carrying out the inspections.

ADVICE NOTES

- a) The requirements and conditions listed are a statement of the Council's minimum standards. Where the consent holder proposes higher standards or more aesthetically acceptable alternatives these shall be submitted to the Council for certification.
- b) The Consent Holder may wish to investigate alternative long-term maintenance strategies for Browns Road given the duration of this consent. This would need to be discussed with Council as the Road Controlling Authority, prior to implementation.
- c) Any cost share for the sealing works required under Condition (7.1) is beyond the scope of this consent.
- d) The movement of the water cart for filling and dust suppression purposes is not included in the maximum heavy vehicle movement totals outlined above.
- e) No excavation shall commence within a public road reserve without the prior receipt and approval of a Corridor Access Request (CAR).
- f) Traffic Management Plan forms can be sourced from the WDC Service Centres or on-line at:
<http://www.waimakariri.govt.nz/services/roads-and-transport/trafficmanagement>

BROWNS ROAD EXTRACTION SITE – SITE PLAN DIAGRAM



BRES Application – CRMC Proposed Seal Extensions





