

General

1. That the proposed activities shall proceed generally in accordance with the information submitted in the application including:

- The Acoustic Engineering Services Letter dated 11 May 2011,
- The building plans prepared by Bond Frew Ltd (No. S2.2 —Floor Plan, S3.2 —Elevations C & D and S3.3 —Elevations A and B dated January 2011.
- The landscape assessment and Landscape Plans prepared by Earthwork Landscape Architects (Appendix 4 —Development Proposal dated 17 January 2011 – Revision 1 and Appendix 6 —Sections and Elevations dated 17th January 2011).

TRAFFIC

2. That a vehicle crossing to service the quarry shall be formed in accordance with Appendix 10, Diagram E10.D of the Partially Operative District Plan (Rural Volume) (attached as **Appendix G**). The vehicle crossing shall be sealed to match the existing road surface for the full width of the crossing and for the first ten metres (as measured from the edge of the existing formed carriageway towards the property).

✓ 3. That 'PW50' Truck Warning signs be placed on Bealey Road at the consent holder's expense. The location of these signs shall be arranged and approved by a Council Transportation Asset Engineer.

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Landscape

4. That all planting shall be in accordance with the Landscape Assessment and Appendix 4 —Development Proposal Plan and Appendix 6 —Sections and Elevations as prepared by Earthwork Landscape Architects with the exception of any alterations made by the following conditions:

4.1 All planting shall be implemented prior to the commencement of quarrying.

* 4.2 That the perimeter shelter belt planting shall be at least ^{0.5-1.0} 750mm-1m high ^{HEIGHT TAPERS} at time of planting and shall be maintained at a height of 4 metres.

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* 4.3 That all proposed building screening trees as identified on the key on Appendix 4 Development Proposal Plan as prepared by Earthwork Landscape Architects, shall be a ^{minimum} minimum height of 2.0 metres prior to the commencement of quarrying. For clarification, this height limit does not apply to the proposed native planting areas.

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* 4.4 That all perimeter shelter belt planting shall be irrigated. - Building & Bealey Road.

✓ 4.5 That any dead, diseased or dying vegetation required for mitigation purposes shall be replaced as soon as practicable during the appropriate planting season.

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✓ 4.6 That the colour of the proposed building shall be a ^{natural} recessive colour, such as Resene.

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a) Lignite BR34-021-058

or

b) Karaka G31-010-106

or

c) New Denim Blue B39-012-250

or an equivalent reflectivity (RV) less than 36%.

✓ 4.7 That the application site shall be progressively rehabilitated at the conclusion of the quarrying activity, so that;

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- The head wall batters are naturalistically shaped as shown in the diagrammatic cross section below

Original ground level Post quarry ground level Curved walls
Diagram: showing profile of re-shaped quarry walls following closure

- The entire site is fully re-vegetated, which may include pasture.

4.8 As each stage is completed the affected area shall be re-vegetated with (at least) pasture grass.

✓ 4.9 That an earth bund be constructed and hydroseeded around the periphery of the quarry pit in accordance with the landscape plan submitted with the application prior to the commencement of any quarrying activity. -

4.10 That the vegetation cover on the earth bund and non quarried areas of the site be maintained to reduce any soil exposure.

Hours of operation

5. The quarry operation shall only occur between 07³⁰00 – 1800 hours Monday to Friday and 0800 – 1300 on Saturday. The quarry shall not operate during Sundays or statutory holidays. - WITH EXCEPTION OF STAFF

Noise

6. The crusher plant shall not be operated more than 4 times per year for a maximum duration of 3 weeks.

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7. Crushing will be limited to the following hours/days of operation:

- 0700-1800 Monday – Friday. - CHECK ECAW -
- No crushing shall occur on Saturdays, Sundays, or any statutory holidays.

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Dust

✚ 8. No explosives or blasting shall be used as part of the quarry activity.

9. All stockpiled material shall be stored on the pit working/excavation area such that it does not extend above the height of the 3 metre earth bund.

10. That the consent holder shall ensure on a continuing basis that dust is not generated from consolidated/stockpiled material by keeping the surface of the material damp or by using another appropriate method of dust suppression.

Water

11. Prior to the commencement of quarrying, the consent holder shall provide to Council's Planning Manager documentation confirming that a water supply to or within the site has been legally established. This documentation shall demonstrate that the water supply is sufficient to cater for all required activities on site, particularly the mitigation of dust and irrigation of landscaping.

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Quarry Management Plan

12. The consent holder must submit an Operation Management Plan for the approval of the Selwyn District Council prior to the commencement of quarrying activities. The Operation Management Plan will include:

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(a) Construction drawings and procedures, methods and measures to be applied to address, as a minimum, the following:

- (i) dust control from the on-site activities and from vehicles travelling to and from the site,
- (ii) formation of earth bunds and stability of all earthworks and quarry faces,
- (ii) monitoring and reporting of bird populations within the site for the first 5 years of operation,
- (iii) speed restrictions of vehicles within the site,
- (iv) security of loads on vehicles travelling to and from the site,
- (v) vehicles associated with the site avoiding unsealed roads where practicable,
- (vi) the active maintenance and irrigation of landscaping throughout the site e.g. reticulated timed system or similar.
- (vii) the measures to ensure that the internal road network, parking and manoeuvring areas are maintained in a compact manner to avoid potholes which could increase noise and vibration.

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REHABILITATE Review of Conditions

14. That pursuant to section 128 of the Act the consent authority may, at any time review the conditions on this consent to deal with any adverse effect on the environment which may arise from the exercise of the consent.

Deleted: Term of Consent ¶

¶ 13. Pursuant to Section 123 of the Act, this consent shall expire 30 years from the date of the decision. ¶

Bond Frew Ltd
CIVIL ENGINEERS

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Phone: 03 318 8900
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Email: bondfrew@extra.co.nz

21.07.2011

The Manager
Screenworks

swaino@extra.co.nz

Dear Brett

Re: Rainfall Harvesting at Proposed Quarry Bealey Road Aylesbury

Attached is rainfall data, mean monthly, yearly rainfalls, (1980 to 2009) and the rainfall distribution for the Ecan's Ridgens road site.

Design water consumption

Staff (3No @160l/d say 500L/dx 300d/y) =150m³/year
Irrigation (500l/dx365d/y) =183m³/year (15.25m³/month)

Total Design Annual water consumption = 333m³/year

Rainfall Harvest assuming 100% from 700m² roof area and 600mm Annual Average Rainfall

Rainfall Harvest(700m²x0.60m) =420m³/year.

It is evident that on average, the water demand on site can be met by water harvesting.

But considering the Ridgens Road rainfall distribution where it is evident there could be little or no rain for 2 months we would recommend the installation of 2, 10,000l.(10m³) storage tanks.

If you have any further queries please give us a call

Yours faithfully



Peter Bond
Bond Frew Ltd

Riverbed Alert - Waimakariri River [More Info](#)

Consent details

Details for CRC111384

RMA Authorisation Number:	CRC111384
File Number:	CO6C/32179
Client Name:	Southern Screenworks Limited
To:	To extract up to 30000 cubic metres of gravel per year
Consent Location:	Bealey Road, AYLESBURY
State:	Issued - InActive

Use the tabs below to find out further information about CRC111384.

[Summary](#)[Documents](#)[Flow Restrictions](#)[Location Map](#)

Events:

[Printable Summary](#)

15 Jul 2011 Commencement Date

30 Sep
2016 Lapses

15 Jul
2046 Expires

Subject to the following conditions:

1	Limits
1	<p>Activities shall be only</p> <ul style="list-style-type: none">a. The excavation of material;b. The deposition of material; andc. The rehabilitation of the site; <p>at the site located on Bealey Road, Aylesbury on the property with the legal description Lot 1 DP 354364, at or about map reference NZMS 260 M35:5033-4170 as shown on Plan</p>

	CRC111384A which forms part of this consent.
2	The excavation and deposition shall not occur within 10 metres of any property boundary.
3	The amount of aggregate excavated from the site shall not exceed 30 000 cubic metres in any period of twelve consecutive months.
4	<p>The works authorised by this consent shall not occur at the following times:</p> <ul style="list-style-type: none"> a. Outside the hours of 7am to 6pm on Monday to Friday inclusive; b. Outside the hours of 8am to 1pm on Saturdays; c. On Sundays or public holidays.
5	Security
5	<ul style="list-style-type: none"> a. The site shall be surrounded by fencing and lockable gates to prevent as far as is practicable the unauthorised deposition of material. b. Any entrance to the site shall be securely locked when the site is unattended for a period of time greater than one hour.
6	Excavation Operations
6	Excavations shall only be carried out in the area labelled "Excavation Area" shown in Plan CRC111384B which forms part of this consent.
7	<ul style="list-style-type: none"> a. Bunds shall be established around the excavation site using topsoil excavated from the site. b. The bunds shall be at least two metres high. c. The bunds shall be vegetated. d. All soil from the site that is not used for the construction of the bunds shall be stockpiled for use in the rehabilitation of the site in accordance with condition (14).
8	The maximum depth of excavation shall be ten metres below the natural ground level.
9	Material shall not be excavated from any areas of standing water within the pit.
10	<ul style="list-style-type: none"> a. Prior to and during excavation of the pit, gravel may be stockpiled on the natural ground surface. Stockpiles on the natural ground surface shall be no higher than two metres above natural ground level. b. Once a pit has been established such that gravel may be stockpiled within in, all stockpiles of gravel shall be located within the excavated pit. c. The height of the stockpiles located within the excavated pit shall not exceed the height of the top of the bunds surrounding the pit.
11	Accidental Discovery
11	<ul style="list-style-type: none"> a. In the event of any disturbance of Kōiwi Tangata (human bones) or taonga (treasured artefacts), the consent holder shall immediately:

	<ul style="list-style-type: none"> i. cease earthmoving operations in the affected area; and ii. mark off the affected area until earthmoving operations recommence; and iii. advise the Canterbury Regional Council of the disturbance; and iv. advise the Upoko Runanga of Taumutu, or their representative (contact information can be obtained from the Canterbury Regional Council, and the New Zealand Historic Places Trust, of the disturbance. <p>b. Earthmoving operations shall not recommence until either:</p> <ul style="list-style-type: none"> i. the consent holder provides a certificate in writing to the Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager, signed by Upoko Runanga of Taumutu, or their representative(s), stating that appropriate action has been undertaken in relation to the discovered culturally sensitive material; or ii. after five working days after advising Taumutu Runanga, a certificate signed by an archaeologist is provided to the Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager, that states that in the archaeologist's professional opinion appropriate action has been undertaken in relation to the discovered culturally sensitive material. That certificate shall detail the action that has been undertaken by the consent holder. A copy of the archaeologist's qualifications shall also be provided with any such certificate. For the purposes of this consent an archaeologist is a person with a post graduate degree in archaeology, and who is a member of the New Zealand Archaeological Association.
12	Hazardous Substances
12	<ul style="list-style-type: none"> a. Spill kits shall be kept on site in an accessible location and: b. The consent holder shall take all practicable measures to avoid spills of fuel or any other hazardous substances within the site. c. In the event of a spill of fuel or any other hazardous substance, the consent holder shall clean up the spill as soon as practicable, inspect and clean the spill area and take measures to prevent a recurrence. d. The consent holder shall inform the Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager within 24 hours of a spill event and shall provide the following information: <ul style="list-style-type: none"> i. The date, time, location and estimated volume of the spill; ii. The cause of the spill; iii. The type of hazardous substance(s) spilled; iv. Clean up procedures undertaken; v. Details of the steps taken to control and remediate the effects of the spill on the receiving environment; vi. An assessment of any potential effects of the spill; and vii. Measures to be undertaken to prevent a recurrence.

13	Deposition of Material and Site Rehabilitation
13	<p>Material deposited within the excavated area shall be only:</p> <ul style="list-style-type: none"> a. Material excavated from the site; and b. Clean fill material, as defined in Chapter 4 of the Natural Resources Regional Plan dated 23 October 2010. The definition is attached to this consent as Attachment 1.
14	<p>Prior to the deposition of material, the consent holder shall submit a Deposition and Rehabilitation Management Plan. The plan shall be:</p> <ul style="list-style-type: none"> a. Prepared in accordance with the document "A Guide to the Management of Cleanfills", Ministry for the Environment, January 2002; b. Submitted to the Canterbury Regional Council Attention: Compliance and Enforcement Manager no later than 15 working days prior to the deposition commencing.
15	Material shall not be deposited into groundwater or standing water.
16	<p>The site shall be progressively rehabilitated and re-sown in pasture.</p> <ul style="list-style-type: none"> a. The rehabilitation of each part of the site shall be completed as soon as is practicable after the completion of excavation at that part of the site. b. Within one month of the completion of the rehabilitation, the consent holder shall notify the Canterbury Regional Council, Attention: Compliance and Enforcement Manager, of its completion.
17	Lapsing and Review
17	<p>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:</p> <ul style="list-style-type: none"> a. Dealing with any adverse effect on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage; or b. requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment.
18	The lapsing date for the purposes of Section 125 of the Resource Management Act (1991) shall be 30 June 2016.

Consent details

Details for CRC111434

RMA Authorisation Number:	CRC111434
File Number:	CO6C/32179
Client Name:	Southern Screenworks Limited
To:	To discharge contaminants to air from gravel extraction activities
Consent Location:	Bealey Road, AYLESBURY
State:	Issued - InActive

Use the tabs below to find out further information about CRC111434.

[Summary](#)[Documents](#)[Flow Restrictions](#)[Location Map](#)

Events:

[Printable Summary](#)

15 Jul 2011 Commencement Date

30 Sep
2016 Lapses

15 Jul
2046 Expires

Subject to the following conditions:

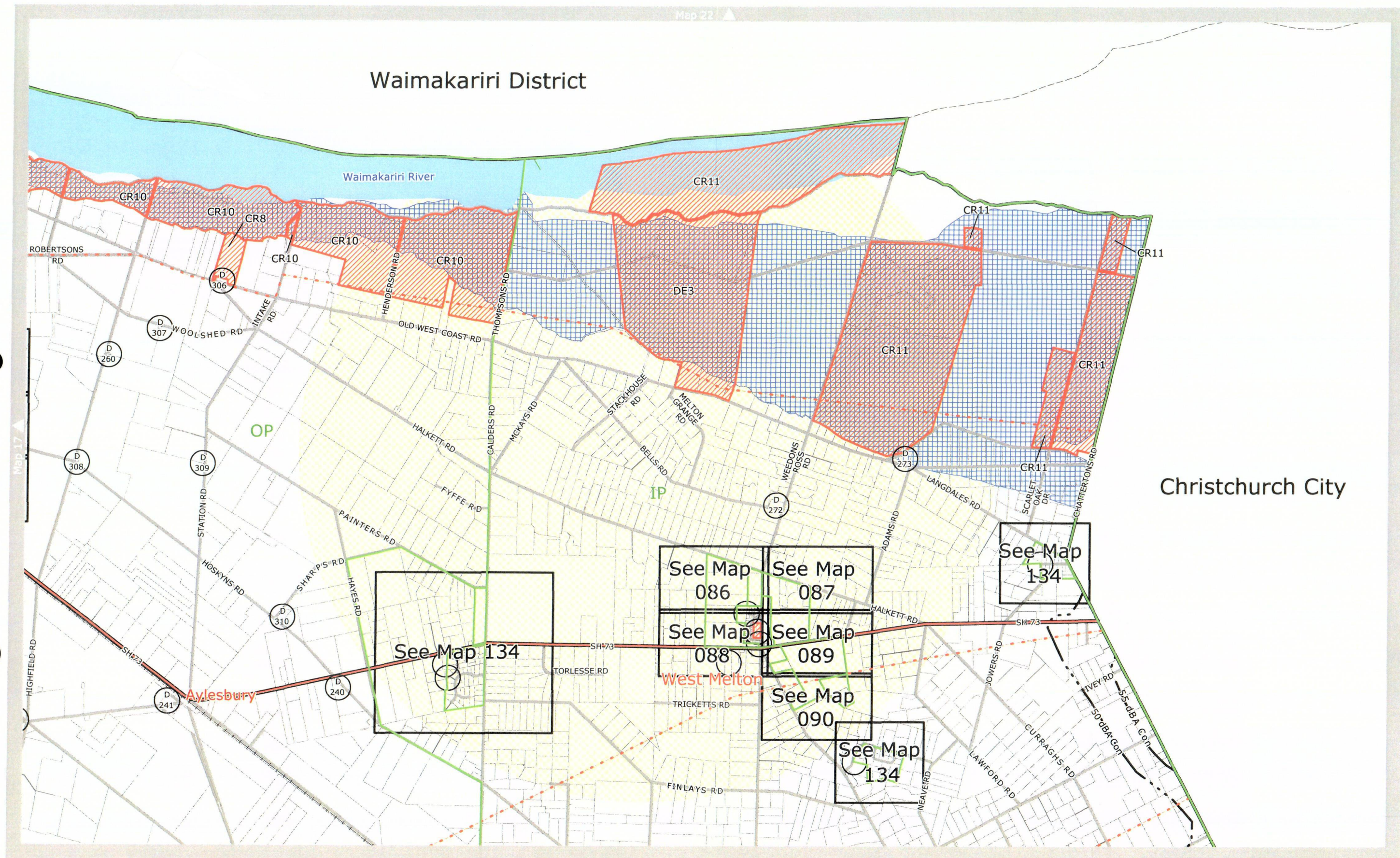
1	<p>a. The discharges shall be only fugitive dust from</p> <ul style="list-style-type: none">i. the extraction, crushing, screening, stockpiling, transporting of gravel;ii. the deposition of cleanfill material; andiii. unconsolidated surfaces. <p>b. The discharges shall occur only at a gravel pit operation on a site on Bealey Road, Aylesbury, with the legal description Lot 1 DP 354364, at or about map reference NZMS 260 M35:5033-4170 as shown on Plan CRC111434A which forms part of this consent.</p>
2	<p>The quarrying activities shall be only:</p> <ul style="list-style-type: none">a. Overburden stripping and storage;b. Bund formation and maintenance;c. Extraction and transportation of aggregate; andd. Site rehabilitation.
3	<p>The discharges shall not result in suspended or deposited particulate matter that is</p>

	offensive or objectionable beyond the boundary of the property on which the consent is exercised.
4	The extraction of gravel shall not occur within 10 metres of any property boundary.
5	The maximum amount of material stored on site shall be 10 000 cubic metres.
6	Crushing of aggregate shall occur: <ul style="list-style-type: none"> a. No more than four times per year and for no more than three weeks per occasion; and b. Only between the hours of 7am to 6pm Mondays to Fridays, excluding public holidays.
7	The consent holder shall undertake all practicable measures to prevent the discharge of dust. Such measures shall include but not be limited to: <ul style="list-style-type: none"> a. Minimising exposed areas; b. Carrying out crushing operations on the floor or the pit; c. Avoiding extraction, crushing and material handling when conditions are dry and windy; d. Applying water or dust suppressants to internal roads, stockpiles and other unsealed areas as required; e. Sealing internal roads that have high usage; f. Limiting vehicle speeds on site to not more than 15 kilometres per hour; and g. Grassing stockpiles as soon as practicable.
8	Bunds and vegetation shall be established and maintained around the site as follows: <ul style="list-style-type: none"> a. A topsoil bund shall be constructed and maintained on three sides around the excavation area as shown on Plan CRC111434B which forms part of this consent. <ul style="list-style-type: none"> i. The bunds shall be at least two metres high; and ii. The bunds shall be vegetated. b. Prior to any discharge arising, vegetation in the form of trees and shrubs shall be established around the perimeter of the site. <ul style="list-style-type: none"> i. The vegetation shall be planted and maintained so that it reaches a height of at least four metres within four years of the commencement of the consent. ii. The vegetation shall be maintained in a healthy and uniform state and replanted if damage or die-off results in patchy screening.
9	<ul style="list-style-type: none"> a. Prior to and during excavation of the pit, gravel may be stockpiled on the natural ground surface. Stockpiles on the natural ground surface shall be no higher than two metres above natural ground level. b. Once a pit has been established such that gravel may be stockpiled within in, all stockpiles of gravel shall be located within the excavated pit. c. The height of the stockpiles located within the excavated pit shall not exceed the height of the top of the bunds surrounding the pit.
10	A record of all complaints relating to contaminants shall be maintained, and shall include:

- a. the effect observed by the complainant;
- b. the location where the contaminants were detected by the complainant;
- c. the date and time when the contaminants were detected;
- d. a description of the wind speed and wind direction when the contaminants were detected by the complainant;
- e. the most likely cause of the contaminants detected; and
- f. any corrective action undertaken by the consent holder to avoid, remedy, or mitigate the effects of the contaminants detected by the complainant.

This record shall be provided to the Canterbury Regional Council Attention: RMA Compliance and Enforcement Manager on request.

- | | |
|----|--|
| 11 | <p>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:</p> <ul style="list-style-type: none"> a. Dealing with any adverse effect on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage; or b. Requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment. |
| 12 | <p>The lapsing date for the purposes of Section 125 of the Resource Management Act (1991) shall be 30 June 2016.</p> |



MAP
018
SHEET 1

SELWYN DISTRICT PLAN
Scale: 1:50,000 at A3

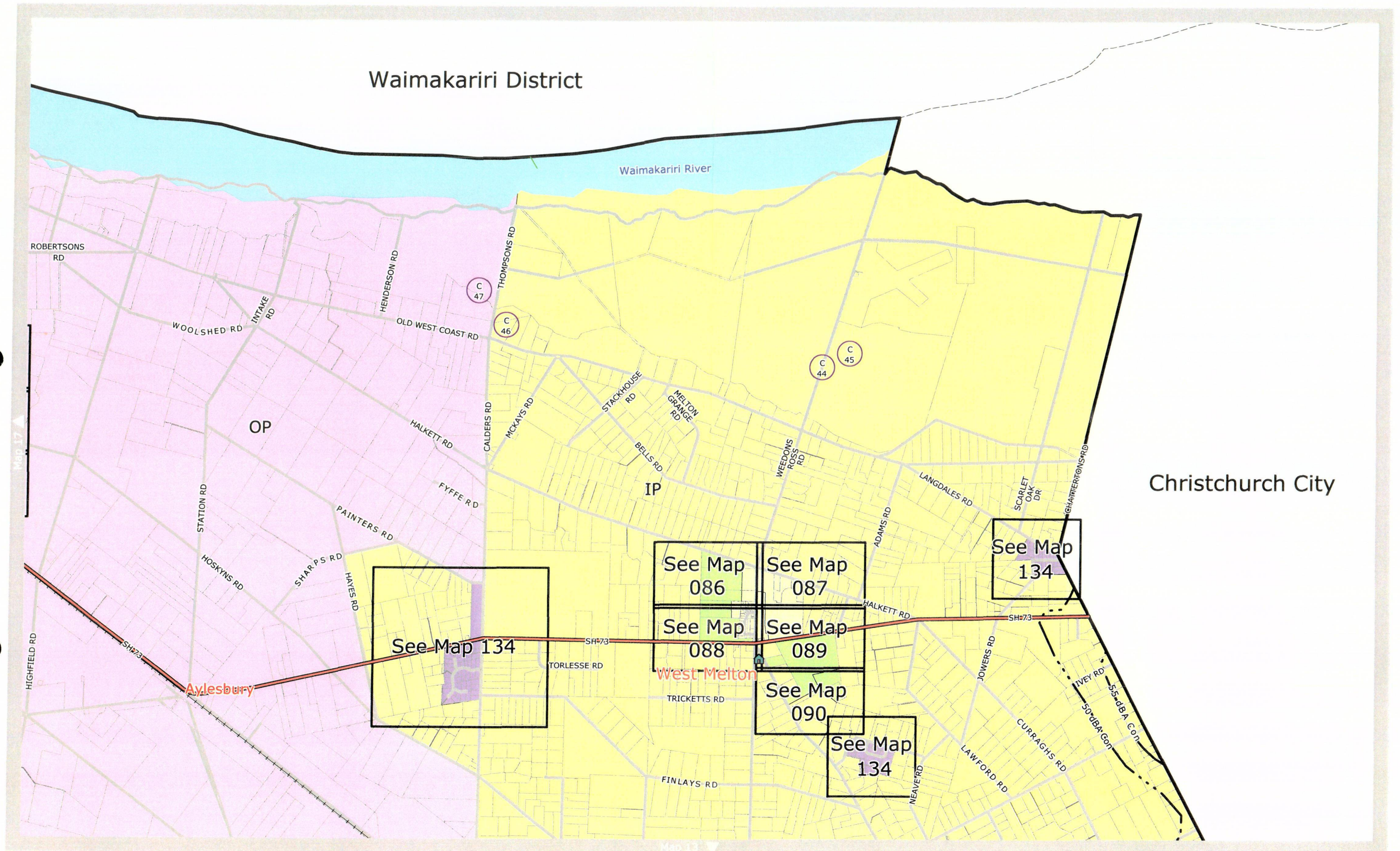
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▲ NORTH

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- KEY**
- | | | | | | | | | | |
|--|---|--------------------------|-----------------------------|------------------------------------|--------------------------|----------------------------|-----------------------------------|----------------------------------|---|
| SDC Designated Sites
○
Other Designations
▨ | Chch International Airport Noise Contour
- - - - - | Fault Lines
+ + + + + | Coastal Hazard
- - - - - | Transpower Main Lines
- - - - - | Forestry Exclusions
▨ | Outstanding Landscape
▨ | West Melton Observatory Zone
▨ | Outstanding Natural Feature
▨ | Territorial Authority
- - - - - Surrounding Districts
- - - - - Selwyn District |
| | Transit Widening Designation
★ | Zones
▨ | | | | | | | Flood Zone
▨ Waimakariri Flood Plain
▨ Lower Plains Flood Area
▨ Lake Ellesmere Flood Area |

Waimakariri District



KEY

Heritage Building 	Heritage Tree 	Scheduled Site 	Statutory Acknowledgement Site 	State Highways 	Railway 	Road Parcel 	Land Parcel 	Water Body
Cultural Site 	Waahi Taonga Area 	Contours Above Sea level 160m 2.74m	Zones High Country Port Hills Existing Development Area	Living 1 Living 2 Living X Deferred Living	Business 1 Business 2 Business 3	Inner Plains Outer Plains Malvern Hills	Archaeological Site 	
Silent File Area 								



MAP
018
SHEET 2