



Makikihi/Hunter/Hook

CIVIL DEFENCE EMERGENCY MANAGEMENT

COMMUNITY RESPONSE PLAN



Special acknowledgment to Bruce Milne and Tina Ivamy and all others for their support in compiling the information for the Makikihi/Hunter/Hook Civil Defence Emergency Management Community Response Plan.

MAKIKIHI/HUNTER/HOOK COMMUNITY CIVIL DEFENCE EMERGENCY MANAGEMENT (CDEM) RESPONSE PLAN

To All Residents

All Councils are required to have emergency response plans and these include links to community based response plans, such as this: Makikihi/Hunter/Hook Community CDEM Response Plan.

This plan includes information on your community, hazards in your area, being prepared, response procedures, communication systems, Fire Emergency NZ (FENZ) support, your CDEM community representatives, the annual review process, a tsunami/flood map and a topographical map of your area.

Community Profile

Makikihi, Hunter, Hook region is a mixture of low lying coastal plains bordered by the Pacific Ocean and rolling hills leading into the steeper less populated parts of the Hunter Hill range. The Hook and Makikihi rivers are the most significant waterways. The Hook River is monitored by ECAN, Timaru.

The prime economic activity in this area is dairying and dairy support units, which is supported by a significant immigrant population, mostly from Thailand and the Philippines. Crop farming is also significant in the area. Makikihi Transport is a large trucking firm based in Makikihi. Makikihi Fries is the largest employer (16) and has an engineering company in their complex. There is a fuel station and one primary school (approx. pop 32) in the Makikihi township.

Makikihi township is bisected by SH1 which carries significant traffic flow between Dunedin and Christchurch. The other significant road is the Hook School Road, and Backline Road, which can carry limited traffic through to Cave. The rest of the area has a large network of sealed and unsealed roads, some of which are prone to flooding (see map for flood zones).

Cell coverage is patchy throughout the district, including SH1.

Table below includes Statistics NZ 2013 Census information

	Makikihi/Hunter/Hook
Total Population	645 (see map for more detail on individual meshblocks)

School Info:

Makikihi Primary School Station Road, Makikihi	Principal: Tina Ivamy	03 689 5587 027 3749174
	Andrea Meyer	027 3086526

WAIMATE RISK PROFILE

The risk profile is based on the likelihood of an event happening in the next 20-50 years, the consequences/impact of the event and how easy or hard it is to manage. For instance, the earthquake threat is at the top of the list as it has the greatest impact, whilst flooding's ranking is lower because the impact is deemed moderate. The risk profile contained in this plan reflects some issues specific to your area. The data for this profile comes from the Canterbury CDEM Group Plan (adopted June 2014).

Threat	Warning/s Agency	Likelihood	Consequence	Impact on Community	Response
Earthquake	None	Possible	Major	<ul style="list-style-type: none"> » Loss of life/ injuries » Damage to property or homes » Loss of power » Loss of telephone » Road access denied 	<ul style="list-style-type: none"> » Drop, Cover and Hold » Stay in buildings, unless fire present » If driving, pull over and stay in car » Turn on radio
Human Disease Pandemic	Ministry of Health	Likely	Major	<ul style="list-style-type: none"> » Loss of life » Restricted movement » Economic losses 	<ul style="list-style-type: none"> » Follow Ministry's advice
Animal disease pandemic	Ministry of Primary Industries	Likely	Moderate	<ul style="list-style-type: none"> » Loss of live stock » Restricted movement » Economic losses 	<ul style="list-style-type: none"> » Follow Ministry's advice
Flooding (rainfall)	MetService ECAN	Almost certain	Moderate	<ul style="list-style-type: none"> » Loss of live stock » Road access denied » Land-slips » Damage to property or homes 	<ul style="list-style-type: none"> » Move stock » Keep feed safe » Check fuel supplies » Limit movement until water recedes
Snow	MetService	Almost certain	Moderate	<ul style="list-style-type: none"> » Loss of live stock » Loss of communications » Restricted movement » Economic losses 	<ul style="list-style-type: none"> » Limit travel » Move stock » Keep feed safe » Check fuel supplies » Contact Rural Support Trust for support
Tsunami	Long or strong GET GONE. Ministry of Civil Defence Emergency Management	Low	Locally insignificant but nationally significance	<ul style="list-style-type: none"> » Coastal and river inundation » Travel disruption » Disruption to life-lines e.g. fuel, communication, food supplies 	<ul style="list-style-type: none"> » Activate evacuation plan if you live in evacuation zone » Turn on radio
Wildfire/ rural fire	FENZ	Likely	Minor*	<ul style="list-style-type: none"> » Loss of life » Damage to property and homes » Loss of live stock » Restricted movement 	<ul style="list-style-type: none"> » Follow evacuation notices » Turn on radio » Move stock

Additional Threats:

- » Drought
- » Cyclones
- » Coastal erosion

* Assessment from FENZ of rural fire is that it would be likely with minor impact but under extreme weather conditions rural fire would be likely but potential for moderate impact.

COMMUNITY STRENGTHS, WEAKNESSES, OPPORTUNITIES, THREATS ANALYSIS

<p>Strengths</p> <p>Lots of barbecues.</p> <p>Good diesel supplies on farms.</p> <p>Good community facilities with fire places - Hunter Hall, Hook Hall.</p> <p>Lots of local resources and skills, including trained first aiders and other health professionals and leaders trained in LANDSAR.</p> <p>Access to heavy machinery on farms, chainsaws, tractors, trailers, motorbikes, quad bikes. Farms have pipe and water fittings that could be used for emergency repairs.</p> <p>Migrant communities have strong support networks.</p> <p>Generators.</p> <p>2 large water tanks on Makikihi Fries site.</p>	<p>Weaknesses</p> <p>Limited cellphone reception.</p> <p>Some homes rely on heat pumps or pellet fires for heating in winter, which requires electricity.</p> <p>Number in community have English as a Second Language and often new to community.</p> <p>Unknown number of travellers could be stranded on SH 1.</p>
<p>Opportunities</p> <p>Rural community very active during times of stress to support response (see Threats).</p> <p>Extensive rural road network, which may offer limited alternative access options if SH 1 closed.</p> <p>Generator option from Makikihi Pub to potentially pump some fuel at Makikihi Motors.</p>	<p>Threats</p> <p>Multiple fords prone to flooding.</p> <p>Fuel (Makikihi Motors) no backup generator of its own.</p> <p>The Waimate and St Andrews fire crew has had training for structural fires, but no SAR experience.</p> <p>Communities may act in isolation, which could lead to an inefficient response and use of resources.</p>

BEING PREPARED

In a large-scale emergency Waimate District Council (WDC) has a coordination role but, by the very nature of the event, much of the response relies heavily on the community to look after themselves. When disaster strikes, people will naturally prioritise their own families before being able to respond to neighbours and the wider community. In addition, because of possible travel disruption it could be several days before assistance arrives; hence the importance of being prepared for a minimum of 72 hours. The more we can do to prepare, the better shape we are in to support our neighbours, our community and ourselves.

If, there is widespread damage to communication networks, make sure you have a battery powered radio or car radio available to hear information.

Go to www.happens.nz for more information about creating your own personal and business emergency plans, and getaway kits.

CDEM COMMUNITY REPRESENTATIVES

Under this plan, Bruce Milne has agreed to be the lead CDEM Community Representative for the area, with Guy Wigley as alternative contact.

The primary duty of Community Representatives is as communicators; they extend the eyes and ears of WDC CDEM into each area of the district. They report on localised conditions and carry instructions from WDC CDEM out to the community. If necessary, they undertake coordination of response if communication has broken down with WDC CDEM.

Community Rep	Address	Phone	Area Covered (e.g. roads)
Bruce Milne	24 Waimate Highway, Makikihi.	03 689 5706 027 425 0978	Makikihi
Alt Community Rep/Liaison			
Guy Wigley	732 Lower Hook Road, Waimate	03 689 8635 027 603 3821	Hook

Listed below are the sub reps for the Makikihi/Hunter/Hook area. The sub reps liaise with either Community Reps or directly with WDC CDEM if both lead reps not available.

Makikihi Sub Reps

Lead Sub Rep	Address	Phone	Area Covered (e.g. roads)
Paul and Sue Geaney	Rogers Road, Makikihi.	03 689 5744	Makikihi

Hunter Sub Reps

Lead Sub Rep	Address	Phone	Area Covered (e.g. roads)
Dick and Jane Cawood	1153 Waimate Hunter Rd, Hunter.	03 689 5896	Hunter

Hook Sub Rep

Lead Sub Rep	Address	Phone	Area Covered (e.g. roads)
Brod and Sue Wigley	464 O'Neills Road, Hook	03 689 5887	Hook

FENZ (former Fire Service)

Makikihi is covered in the first instance by St Andrews Volunteer Fire Brigade. St Andrews Volunteer Fire Brigade has a fire engine and water tanker based at Hall Road, St Andrews; Rob Usmar is the current chief and its members are mainly St Andrews residents. These members have completed first aid modules, along with regular refresher courses. There is good radio communication at the base and the fire engine. Civil Defence will call upon this volunteer group if required.

Hook is within the Waimate response zone. Waimate Volunteer Fire Brigade has two fire engines one equipped as a rescue tender, one water tanker and a personal van. Duncan Lyall is the current chief.

There are 2 large water tanks on Makikihi Fries site.

NZ Police

Constable Craig Hedges is based at 22 Waimate Highway, Saint Andrews, phone: 03 612 6822. Craig covers Makikihi through to Pareora and inland to Cannington.

EARLY STAGES OF EMERGENCIES

If you notice an event is beginning to develop e.g. rivers are rising contact your sub rep or Community Rep to report your concerns/observations. If no response send through information directly to Waimate District Council. If you can take a photo and send these through so much the better. These early warnings can be vital in developing a 'picture' of what is happening. If, the matter is urgent, telephone: 111.

RESPONSE TO AN EMERGENCY

IF THERE ARE LIFE-THREATENING SITUATIONS CALL 111

In the first instance check on your families, your neighbours and, if communications allow, report to the sub rep for your area. All reports should include:

- who you have checked on and when
- casualties
- evacuations
- damage to property and stock
- damage to infrastructure: roads/bridges/approaches, telephone and power supplies, water supplies, sewer/septic reticulation
- requests for support e.g. medical assistance, water, warmth, shelter, tractors etc.

The sub reps will collate this information and forward to your area community representative, who in turn will collate and send through to the Emergency Operations Centre at WDC. Following these lines of communication means the response can be coordinated efficiently and priorities can be set to meet the community needs across the Waimate district.

Evacuation Plan

In the unlikely event that evacuation is required the public will be alerted by natural signals (i.e. long or strong earthquake move from coastal areas as no other alert will be given), broadcast radio, Emergency Mobile Alert, Red X Hazard App Alert, phone trees, Police or FENZ by loud hailer. (See back page for more public alerting information).

If instructed to do so, people living in the coastal area move to the Hook Hall or Hunter Hall.

These halls will not be activated immediately and have very limited resources. If you live in a flood or tsunami evacuation zone you must plan for your own safe place to go.

Emergency Communication

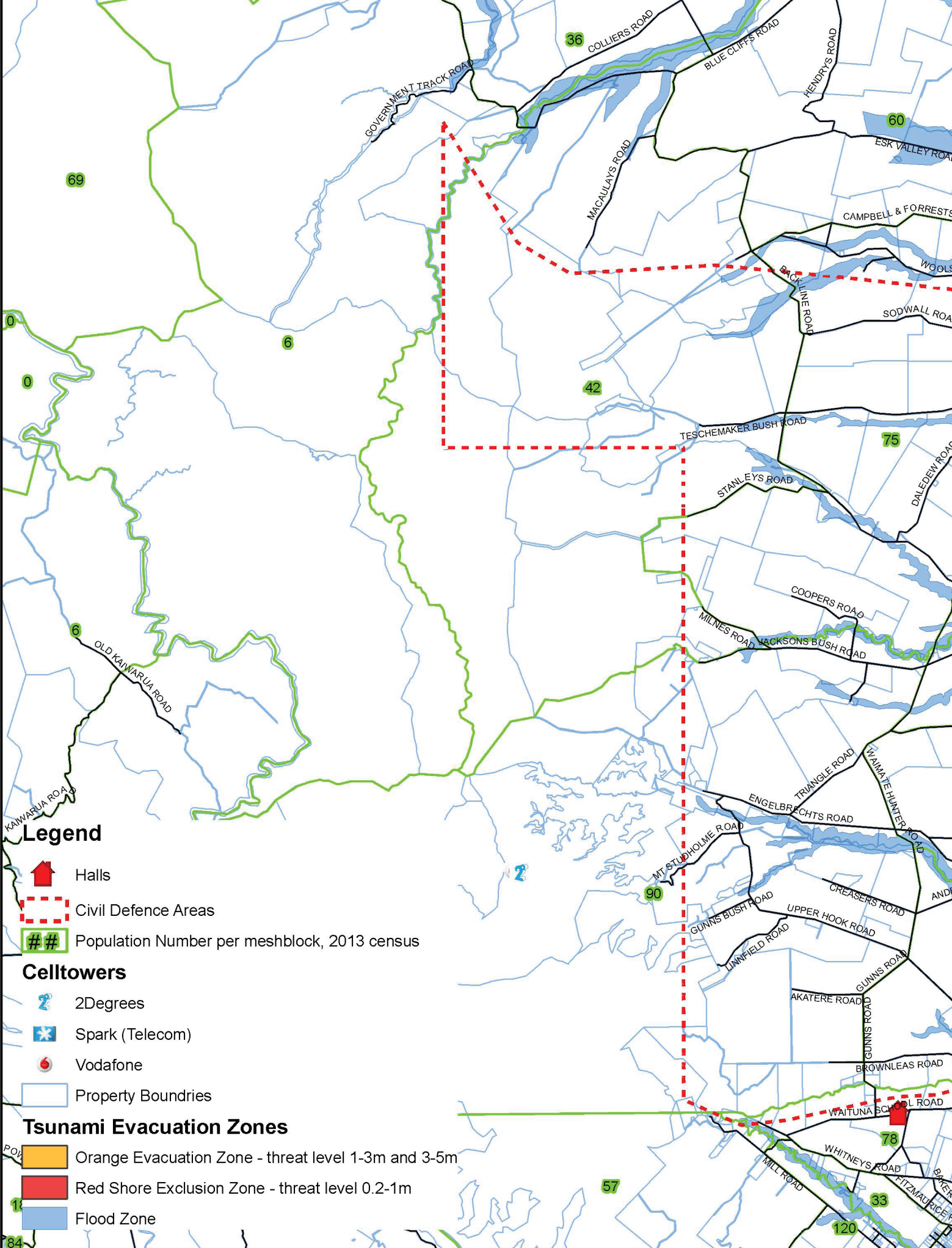
Makikihi Pub has a two-way radiotelephone that is set on the WAIMATE channel. There are operation instructions beside it. The radio can also operate from a car battery. Radios are tested quarterly.

Monitoring of the WAIMATE channel, outside of an event, by WDC is 08.00hrs to 16.30hrs Mon-Fri, however, monitoring may increase to 24/7 if the Emergency Operations Centre has activated.




CB radio at Makikihi Pub, several farmers and truck drivers can be contacted by CB.

PLAN REVIEW





This plan is to be reviewed and updated as required. Changes will be made to the electronic version of this plan, which is located at www.waimatedc.govt.nz.






Legend

-  Halls
-  Civil Defence Areas
-  Population Number per meshblock, 2013 census

Celltowers

-  2Degrees
-  Spark (Telecom)
-  Vodafone
-  Property Boundaries

Tsunami Evacuation Zones


-  Orange Evacuation Zone - threat level 1-3m and 3-5m
-  Red Shore Exclusion Zone - threat level 0.2-1m
-  Flood Zone

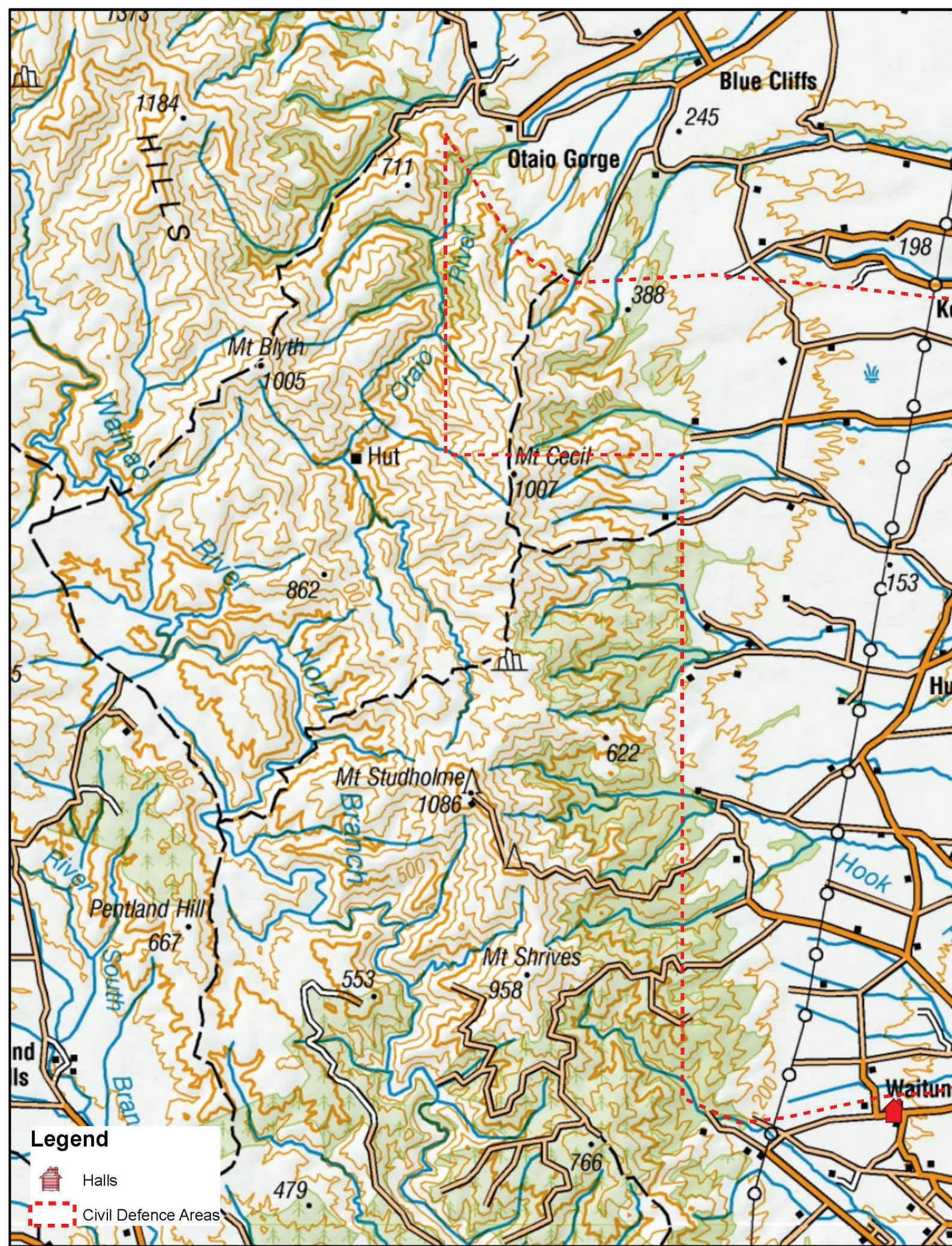


Makikihi, Hunter, Hook



Based on Census 2013 Data
 Approximate Population Count = 645


NORTH
 1:65,130
 Date: 01-Aug-18



Legend

-  Halls
-  Civil Defence Areas



Makikihi, Hunter, Hook



ROADS AND TRACKS	
State highway	
Four lanes or more	
Two lanes (includes passing lanes)	
Narrow road	
Vehicle track	
Foot track	
Closed track (see warning note below)	
Polled route	
Road surface	<ul style="list-style-type: none"> sealed unsealed
Tunnel, tunnel under road	
Bridge: two lane, one lane	
Ford	
Gate, locked gate, cattlestop	
Footbridge, cableway or hardwire	
RAILWAYS	
Double or multiple track	
Single track	
Railway station, yard or siding	
Bridge, tunnel	
Level crossing	
Road over railway	
Railway over road	
Tramway or bush railway	
MISCELLANEOUS	
Residential area	
Large buildings	
Isolated building	
Homestead, stockyard	
Glasshouse or greenhouse	
Church, cemetery, grave	
Training track	
Golf course, helipad	
Historic Māori pa, redoubt, monument, plaque or signpost	
Reservoir covered, reservoir uncovered, tank	
Mast, tower, wind machine or wind turbine	
Shipwreck, lighthouse, beacon	
Fence (selection only)	
Pipeline above ground	
Pipeline underground	
Disused water race	
Power line on pylons (actual positions)	
Power line on poles (away from roads)	
Telephone line (away from roads)	
Industrial cableway	
Mine: underground, opencast	
Buried gas pipeline	
RELIEF FEATURES	
Index contour	
Intermediate contours	
Perennial snow and ice contours	
Supplementary contour	
Depression contours	
Shallow depression, small depression or shaft	
Beaconed trig station (with trig identification code)	
Elevation in metres	
Cliff, terrace, slip	
Rock outcrops	
Stopbank, cutting	
Embankment or causeway	
Saddle, cave	
ALPINE FEATURES	
Moraine	
Moraine wall	
Scree	
WATER FEATURES	
Coastal rocks	
Shoal or reef	
Sand and mud	
Sand	
Shingle	
Swamp	
Boat ramp	
Breakwater, wharf, jetty	
Slipway	
Marine farm, seawall	
Dam, floodgate, weir	
Waterfall, rapids	
Cold spring, hot spring	
Fumarole, geothermal bore	
Watercourse, drain	
Canal: large, small	
Stream disappearing into ground	
VEGETATION FEATURES	
Native forest	
Exotic coniferous forest	
Exotic non-coniferous forest	
Scrub	
Scattered scrub	
Shelter belt	
Trees	
Orchard or vineyard	
Mangroves	
IMPORTANT INFORMATION:	
1 Representation on this map of a road or track does not necessarily indicate public right of access.	
2 Closed tracks or routes on this map are defined as being no longer maintained or passable and should not be used by recreationalists. The Department of Conservation or other authorities should be contacted for the latest information on tracks and huts.	
3 Not all aerial wires, cableways and obstructions that could be hazardous to aircraft are shown on this map.	
4 Contours and spot elevations in forest and snow areas may be less accurate.	

Based on Census 2013 Data

Approximate Population Count = 645



Date: 01-Aug-18

EMERGENCIES

IN WAIMATE DISTRICT

When a disaster happens you could be on your own for three days or more. You will need to rely on yourselves and the people around you to get through.

RADIO STATION FREQUENCIES

The following radio station frequencies are used during emergencies

WAIMATE

More FM.....93.1FM
 Radio NZ.....101.1FM
 Radio NZ.....918AM

WAITAKI VALLEY

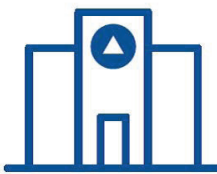
More FM-Kurow.....96.8FM
 More FM-Omarama.....90.9FM
 More FM-Otematata...98.1FM

OAMARU

More FM.....100FM
 The Hits.....98.4FM
 Newstalk ZB.....1395AM
 Radio NZ.....101.1FM

TIMARU

More FM.....93.1FM
 The Hits.....94.7FM
 Newstalk ZB.....1152AM
 Radio NZ.....101.1FM



EMERGENCY MANAGEMENT OFFICE

Waimate District Council.....03 689 0000(24hr)
www.waimatedc.govt.nz

ALERT SERVICES

Emergency Mobile Alert.....Ministry of Civil Defence
 Emergency Management

Smartphone App.....Red Cross Hazard App
 (Apple and Android Compatible)

During an emergency if your life is at risk dial 111.

Listen to the radio or watch the TV for updates

Check on family and friends

Potential Emergencies for Waimate District



Earthquake



Fire



Storm



Pandemic



Drought



Tsunami



Flood



Landslide



Snowstorm

There is a lot you can do to prepare yourself and your family for a disaster. Making a plan and starting your disaster kit are two simple steps you can take today.

Visit

www.happens.nz

www.getthru.govt.nz

www.waimatedc.govt.nz/emergencies

for more information

