



St Andrews/Southburn/Otaio

CIVIL DEFENCE EMERGENCY MANAGEMENT

COMMUNITY RESPONSE PLAN



Special acknowledgment to Tom O'Connor, Bern Sommerfeld and all others for their support in compiling the information for the St Andrews/Southburn/Otaio Civil Defence Emergency Management Community Response Plan

ST ANDREWS/OTAIO 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. This plan covers St Andrews, Springbrook, Southburn, Otaio and the Pareora Huts (see map for detail). Pareora Huts have their own flood 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

St Andrews/Southburn/Otaio 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 Pareora and Otaio rivers are the most significant waterways.

The prime economic activity in this area is dairying and dairy support units, which are supported by a significant immigrant population, mostly from Thailand and the Philippines. Crop farming is also significant in the area. St Andrews Transport is a large trucking firm based in St Andrews. There is one primary school in St Andrews township (approx. pop 120) and Esk Valley Kindergarten (approx. pop 30). The Pareora Huts, beside the Pareora River, has 39 huts; there are 8 permanent residents but during holidays and weekends up to 70+ residents. The river is monitored by ECAN, Timaru.

St Andrews township is bisected by SH1 which carries significant traffic flow between Dunedin and Christchurch. The other significant road is the Pareora River Road, which carries traffic through to Cave and can be an alternate route to Timaru. 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, though St Andrews township is well covered.

Table below includes Statistics NZ 2013 Census information

	St Andrews Township	Rest of Area
Total Population	183	Combined 558
Median Age	53.0 years (20% age 65 or more; 21.7% under 15)	Not available for small data sets to avoid identification issues
Access to internet	78.3%	
Access to cellphone	91.3%	
Home ownership	81.8%	
One Person Households	26.1% (18 out of 79 occupied households)	

School Info:

St Andrews Primary School, 21 Bluecliffs Road	Principal: Steve Fennessy	Contact: 03 612 6831
Esk Valley Kindergarten, 279 Esk Valley Road	Senior Teacher: Cheryl Young	Contact: 03 689 8951

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 lifelines 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

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.</p> <p>Lots of local resources and skills.</p> <p>Lots of 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>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>Pareora River Road could be alternate route if SH1 closed.</p> <p>Rural community very active during times of stress to support response (see Threats).</p>	<p>Threats</p> <p>Pareora River Road and Otaio Road prone to flooding.</p> <p>Fuel (esp. petrol) may be in short supply.</p> <p>The 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, Tom O'Connor has agreed to be the lead CDEM Community Representative for the area, with Bern Sommerfeld 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)
Tom O'Connor	42 Bluecliff Road St Andrews	03 612 6755 027 241 5084	St Andrews Village West of State Highway One
Alt Community Rep/Liaison			
Bern Sommerfeld	1 Thackery Street St Andrews	03 612 6292	St Andrews Village East of State Highway One

Listed below are the sub reps for the St Andrews/Southburn/Otaio area. The sub reps liaise with either Tom O'Connor or Bern Sommerfeld or directly with WDC CDEM if both lead reps not available.

Southburn Sub Reps

Lead Sub Rep	Address	Phone	Area Covered (e.g. roads)
Alan & Pam Gibson	70 Caird Road Southburn	03 686 4731 027 210 9736	Southburn
Sub Rep			
Debbie & Conrad Waldron	182 Caird Road Southburn	03 686 4785 027 630 2071	Southburn

Otaio Sub Reps

Lead Sub Rep	Address	Phone	Area Covered (e.g. roads)
Tom Hurst	1478 Waimate Highway	03 689 5718 027 689 5710	Otaio area

Pareora Huts Sub Rep

Lead Sub Rep	Address	Phone	Area Covered (e.g. roads)
Graham Hide	Pareora Huts	027 357 1202	Pareora Huts

FENZ (former Fire Service)

There is 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.

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 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 Tom O'Connor or Bern Sommerfeld, 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 between the Pareora and Otaio Rivers can go to the **St Andrews Hall**, Hall Street, St Andrews.

If instructed to do so, people living in the mid/upper reaches of Pareora River Valley can go to the **Southburn Hall**, Corner Pareora River Road and Caird Road.

If instructed to do so, people living south of the Otaio River can go to the **Otaio Hall**, Corner SH 1 and Woolshed Valley Road.

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

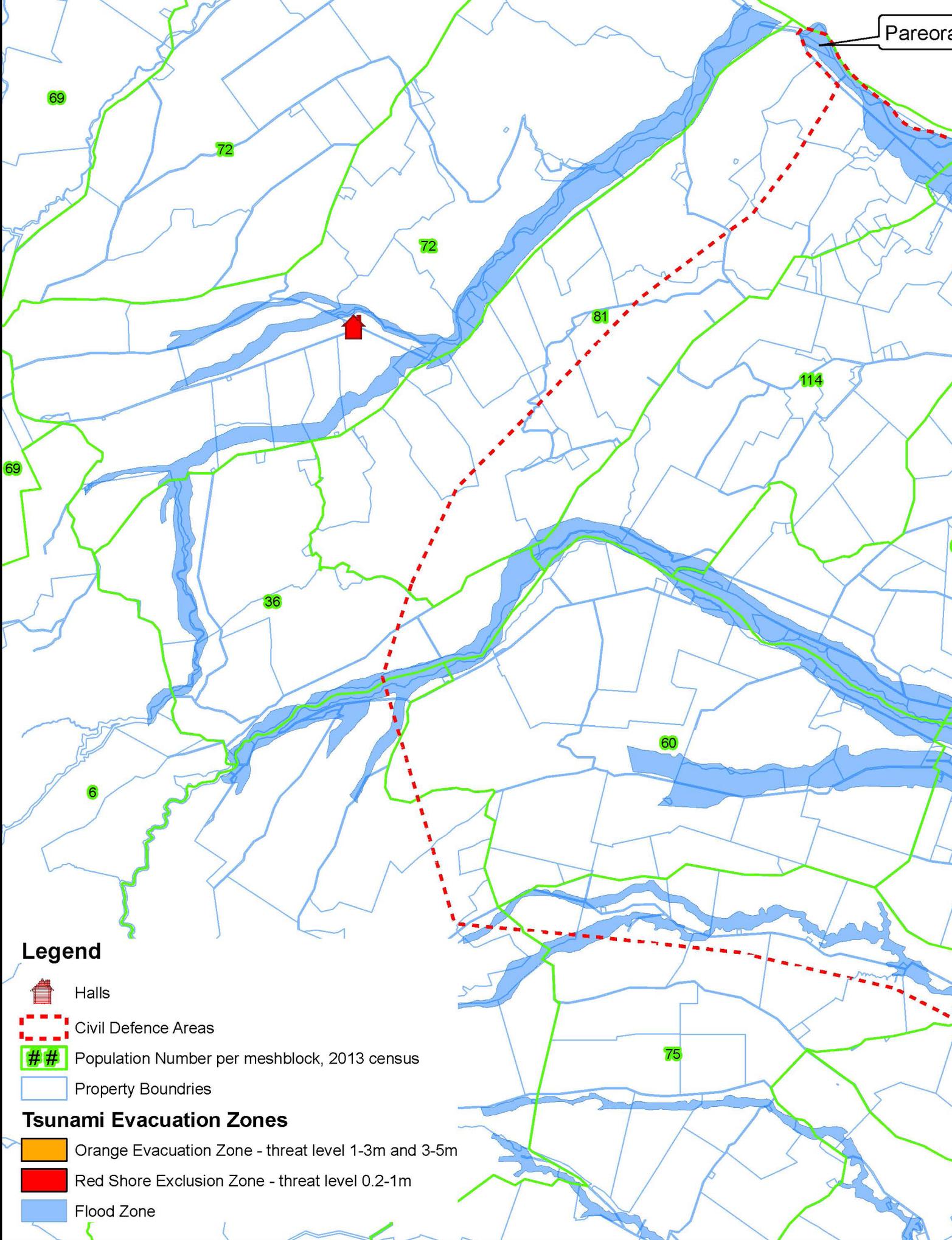
42 Bluecliffs Road, St Andrews and Southburn Hall contain a two-way radiotelephone that is set on the WAIMATE channel. There are operation instructions beside it. The radio can also operate from a car battery. Radios are tested quarterly.

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.

ANNUAL REVIEW

This plan is to be reviewed/updated annually when convenient with the Waimate Civil Defence Coordinator and the named St Andrew/Southburn/Otaio Reps.

Pareora



Legend

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

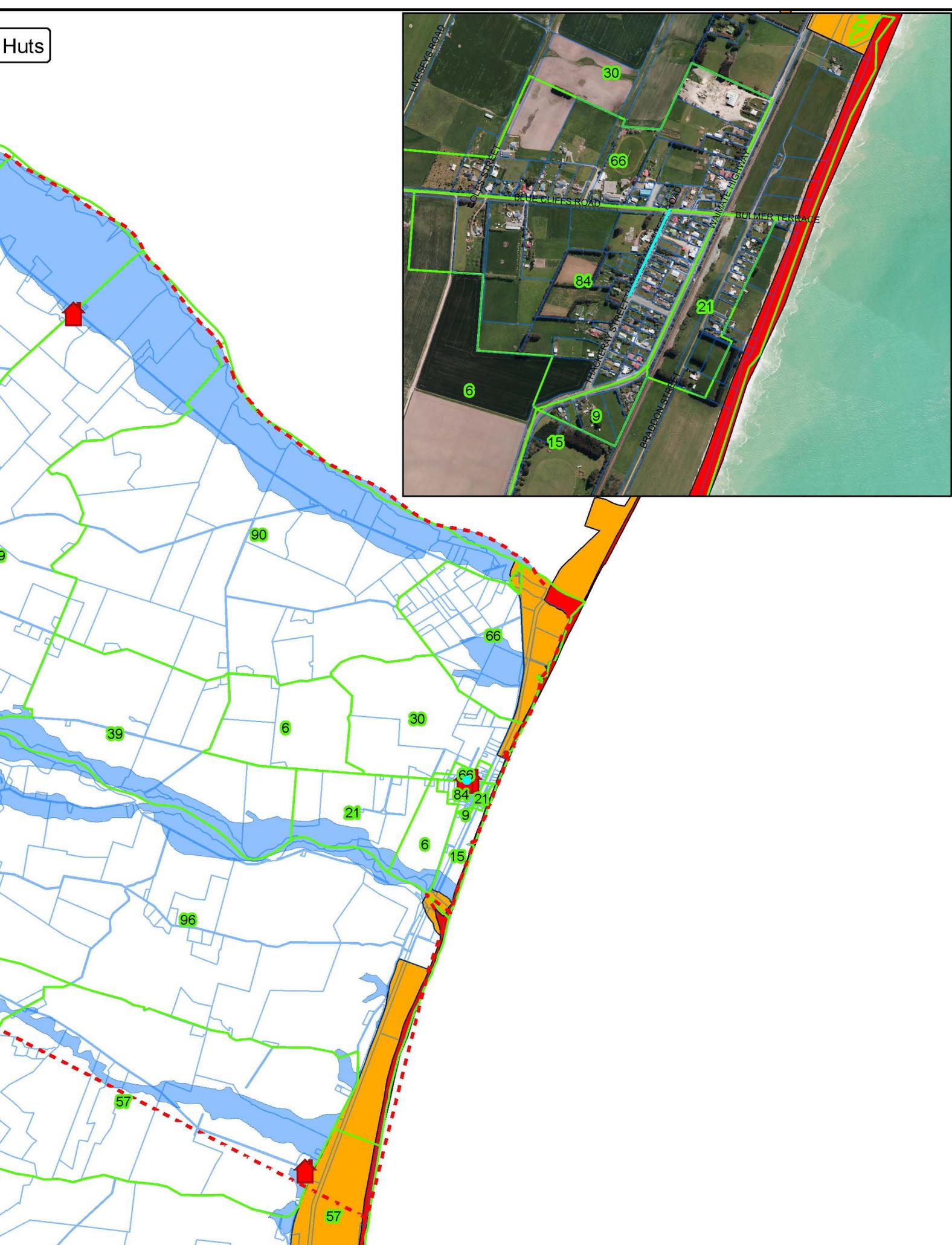
Tsunami Evacuation Zones

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



St Andrews / Southburn / Otaio

Huts

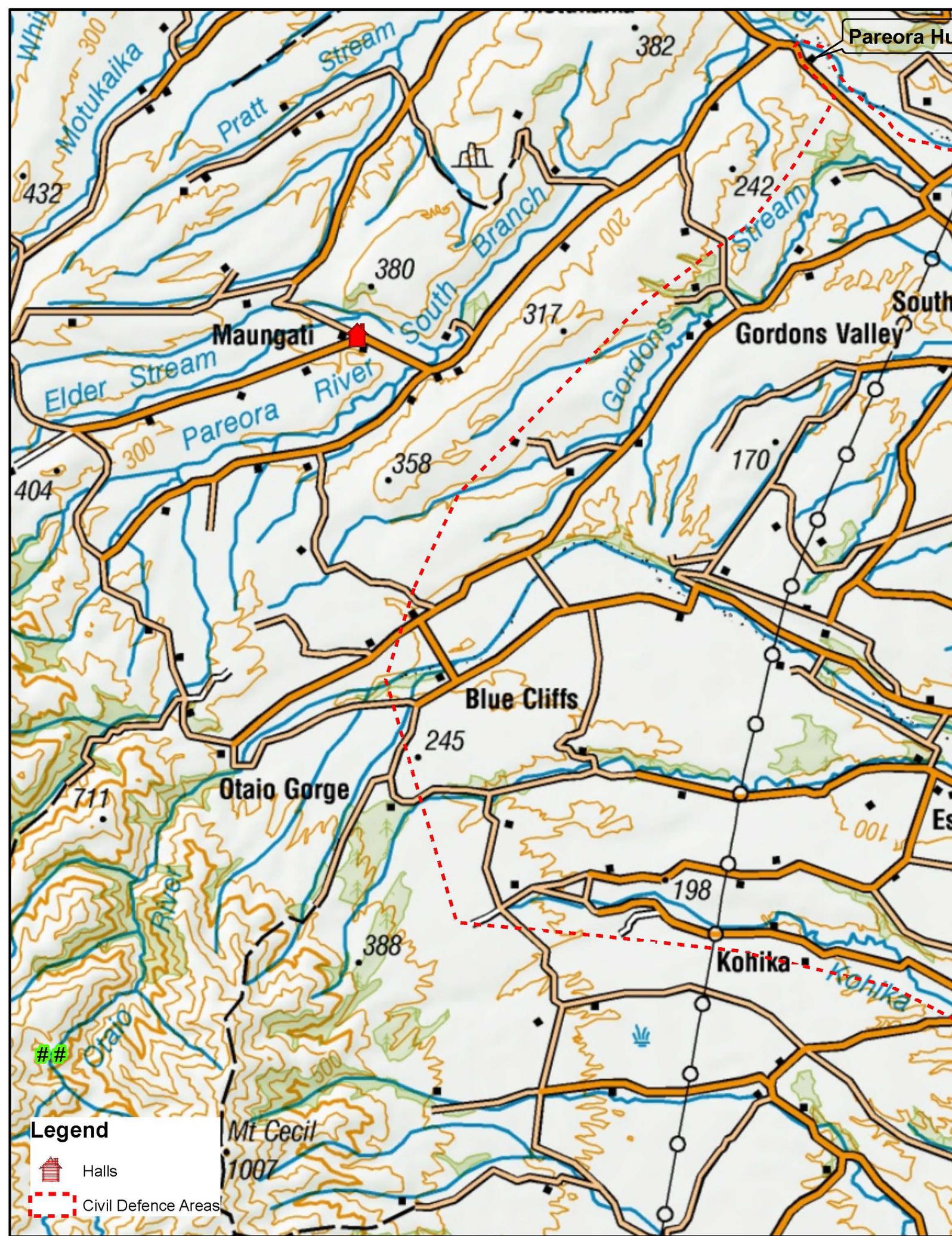


Based on Census 2013 Data

Outside Town Population Count = 558
Town Population Count = 183



NORTH
1:56,110
Date: 18-Apr-18



Legend

-  Halls
-  Civil Defence Areas



St Andrews / Southburn / Otaio



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)	
Polod route	
Road surface	<ul style="list-style-type: none"> sealed unmetalled
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.	

Eagle Technology, LINZ

Based on Census 2013 Data

Outside Town Population Count = 558
Town Population Count = 183



Date: 18-Apr-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

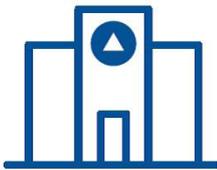
More FM-Kurow.....96.8FM
 More FM-Omarama.....90.9FM
 More FM-Otematata...98.1FM

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

NEVER HAPPENS?
HAPPENS

