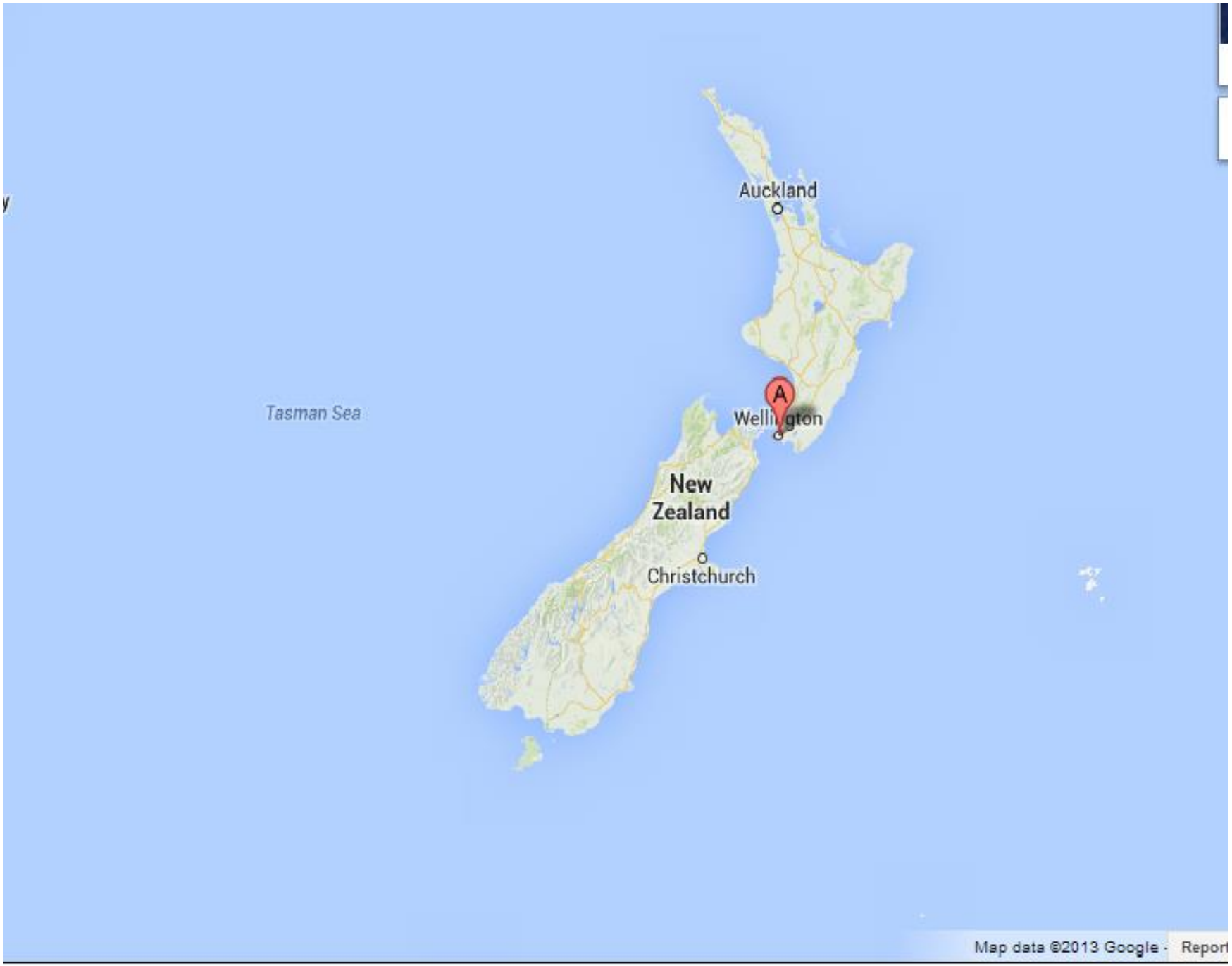
Wellington's Water Supply and Resilience

- **Deputy Mayor Jill Day**

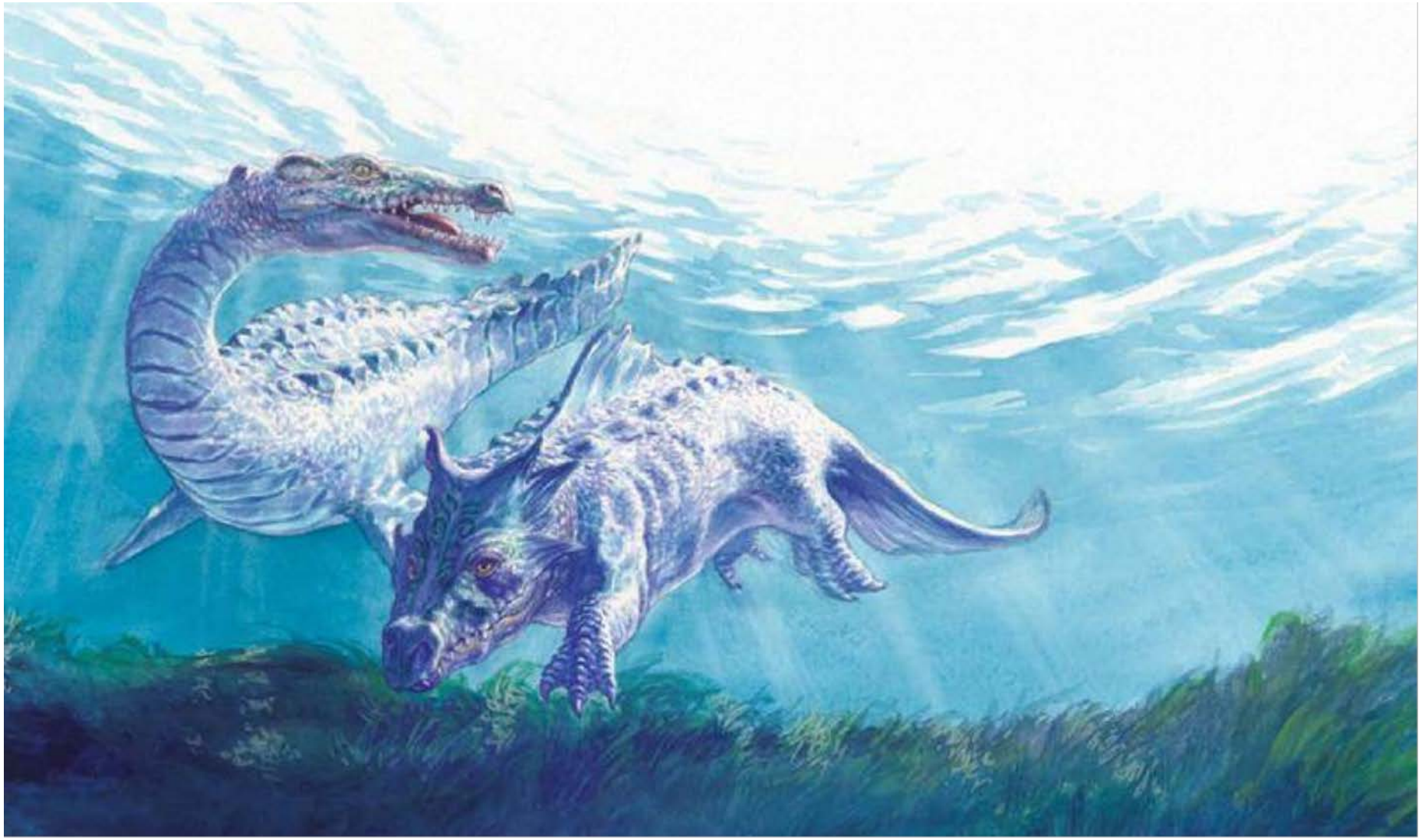
Absolutely Positively **Wellington** City Council

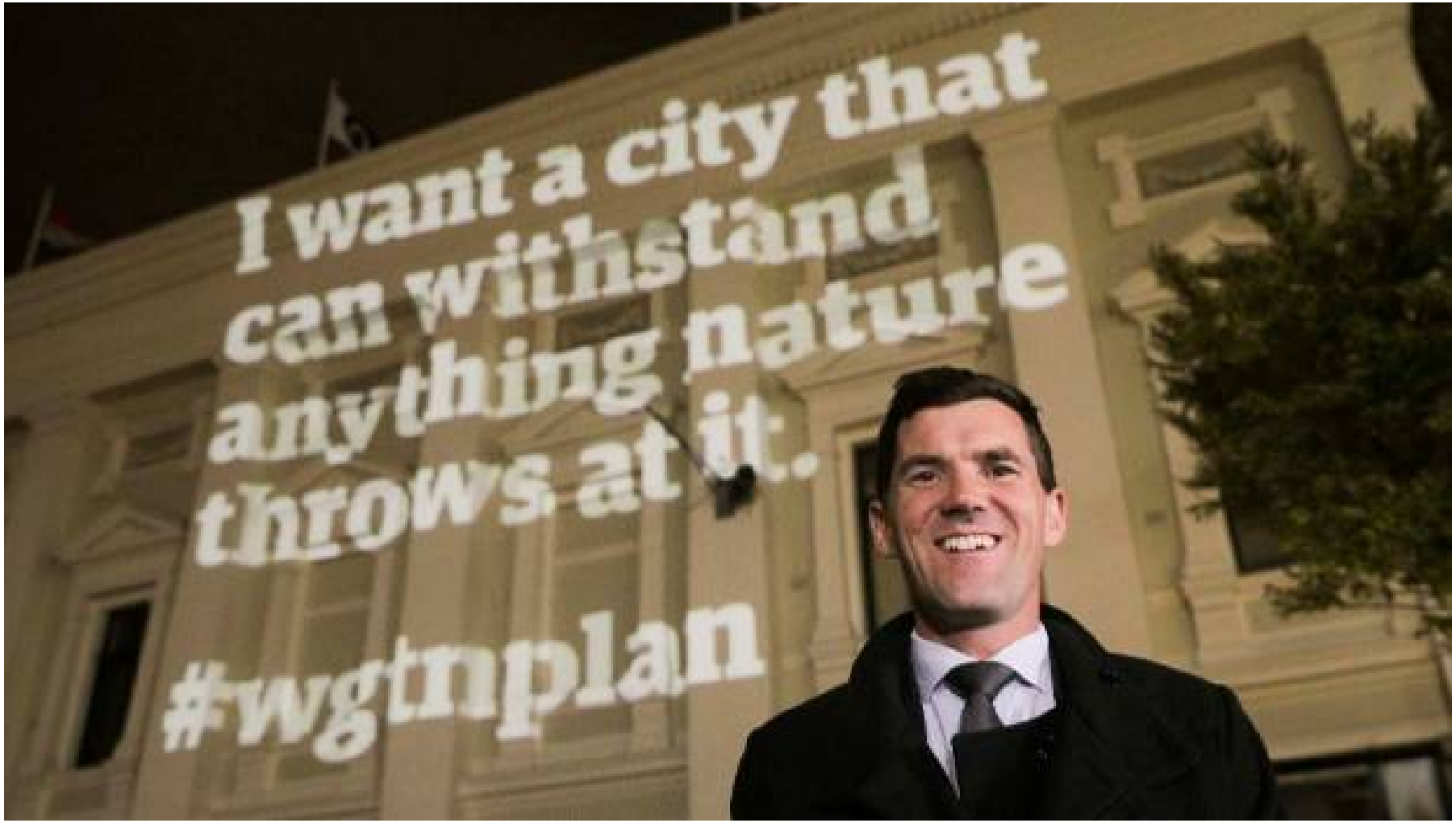
Me Heke Ki Pōneke


Scandinavia
United Kingdom
Central Europe
Russia
Alaska
Canada
USA
Korea
Japan
China
Iran
Israel
Algeria
Libya
Egypt
Saudi Arabia
India
Taiwan
Hong Kong
Philippines
Hawaii
Mexico
United Arab Emirates
Sudan
Thailand
Malaysia
Singapore
Indonesia
Colombia
Peru
Brazil
Fiji
Australia
South Africa
Chile
Argentina
Tasmania
New Zealand
Antarctica


Auckland
A
Tasman Sea
New
Zealand
Christchurch
Map data ©2013 Google -


RESILIENT




I want a city that
can withstand
anything nature
throws at it..
#wgtnplan

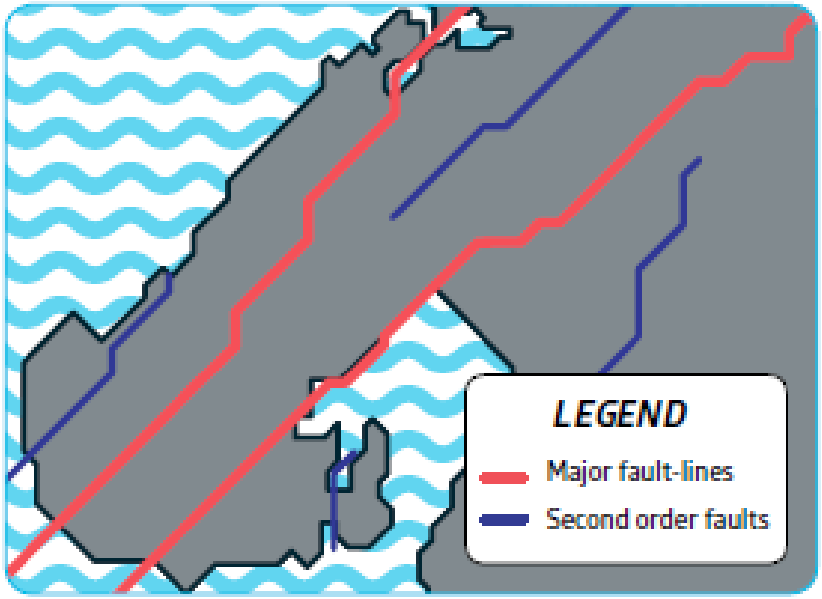
Wellington Resilience Strategy

March 2017

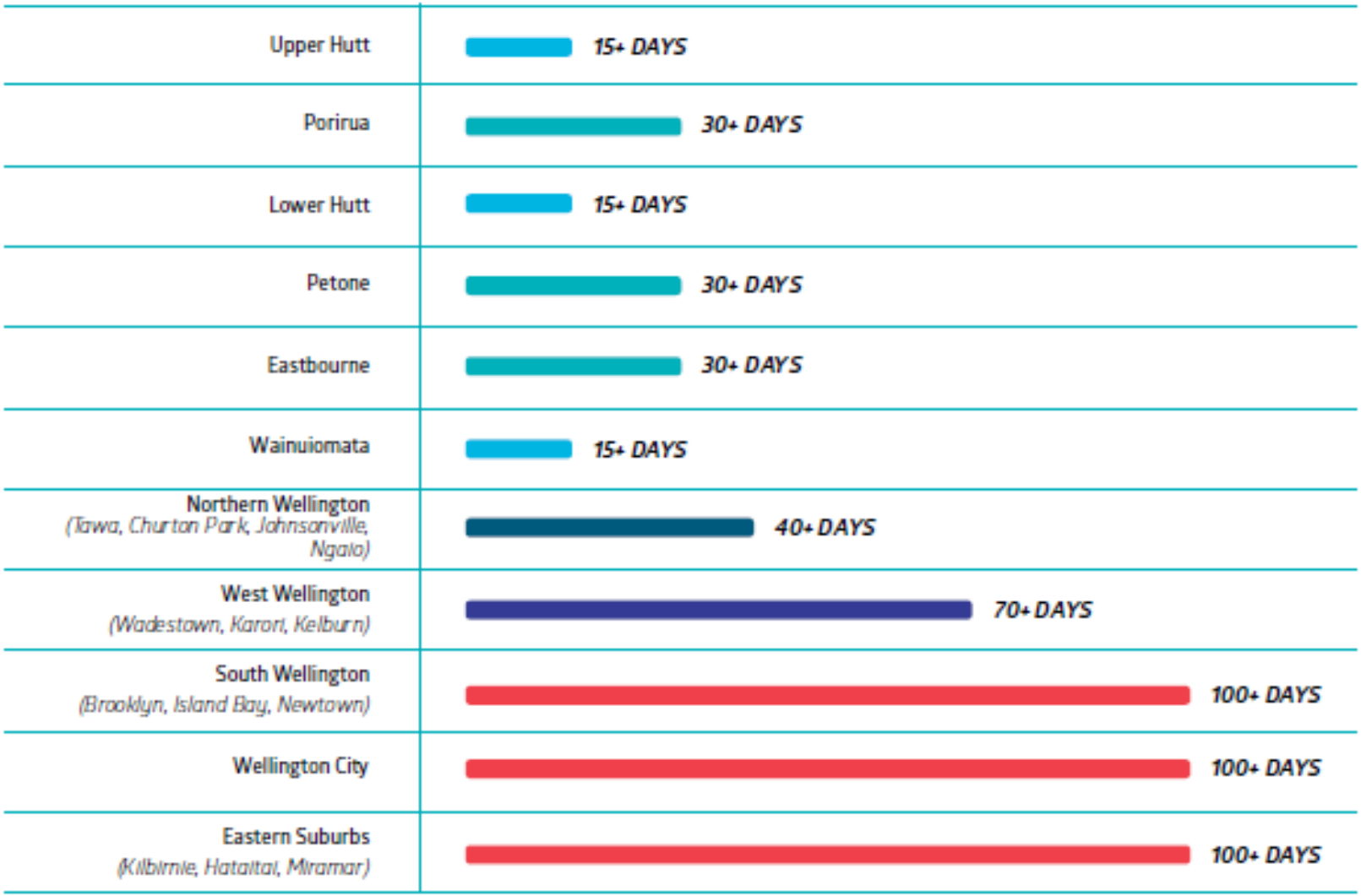
We're at risk of a major earthquake

Active fault-lines cross our highly populated areas including Wellington, Porirua, and Upper Hutt.

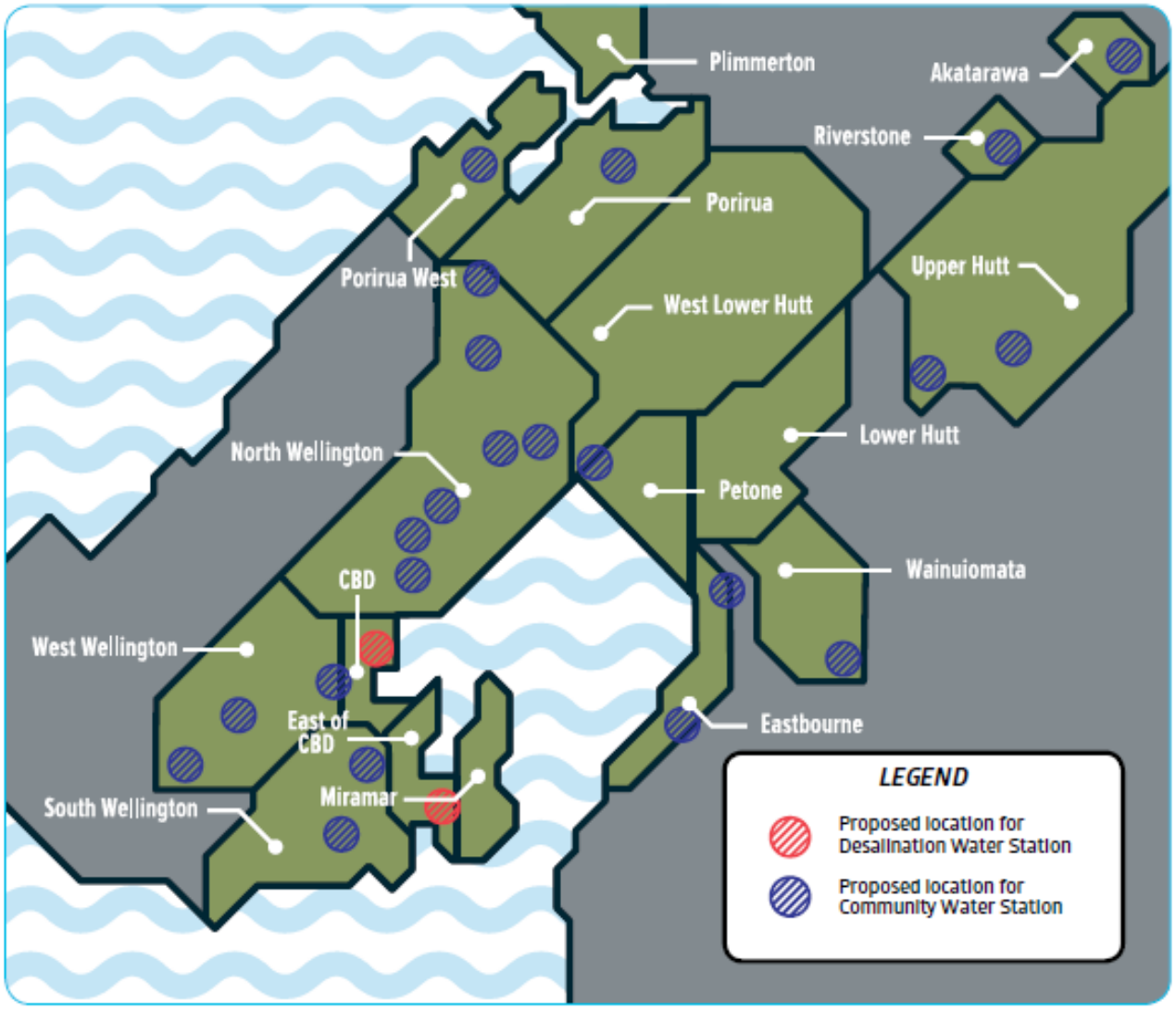
Essential services and facilities - road and transportation networks, water, wastewater, power, gas, and telecommunications will all be significantly affected in a major event.



Many parts of the region may be without water for more than 100 days



Wellington's 17 community response islands



This is how we will provide water in an emergency

1. WATER SOURCES PROVIDE BASIC WATER NEEDS

RESERVOIRS

120 Water Reservoirs

Residents will be able to collect water from nearby water reservoirs.

COMMUNITY WATER STATION

22 Community Water Stations

Residents can also collect water from the Community Water Stations.

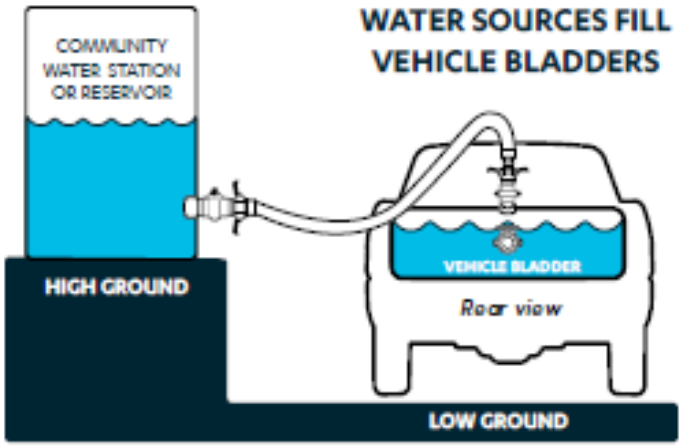
Non-Emergency Operation

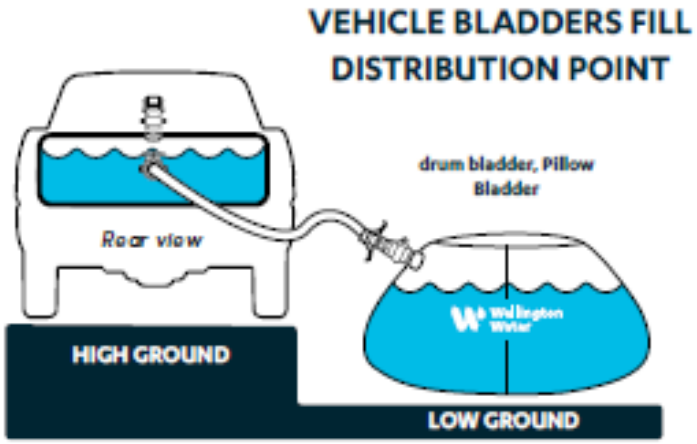
Under normal operation, emergency equipment is stored within a structure that is hidden inside a wooden shell to minimise impact on the area's natural character. The modular design allows for additional amenities to be installed, such as public taps, seating areas, and other features.

Emergency Operation

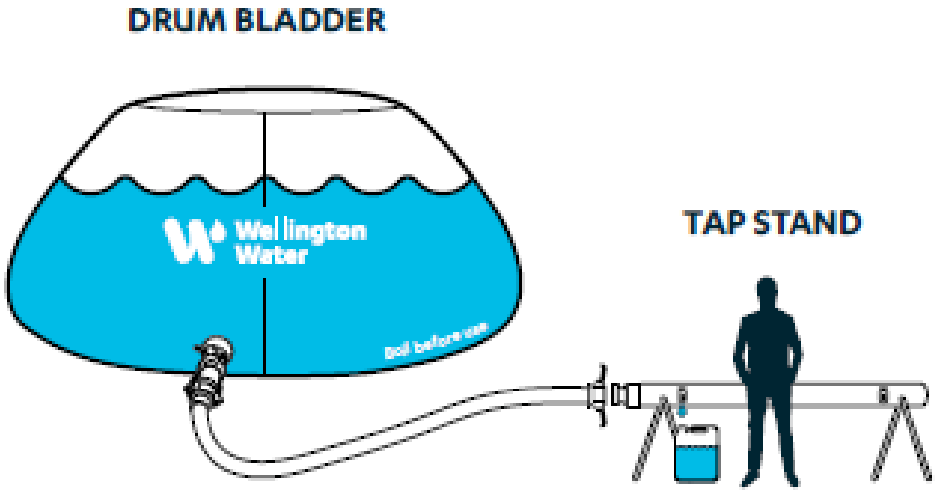
After an earthquake, emergency equipment including piping, temporary storage bladders, and tap stands can be unpacked from the water station. Water can be used to supply distribution vehicles or a tap stand.

2. MOBILE BLADDERS TRANSPORT WATER TO DISTRIBUTION POINTS



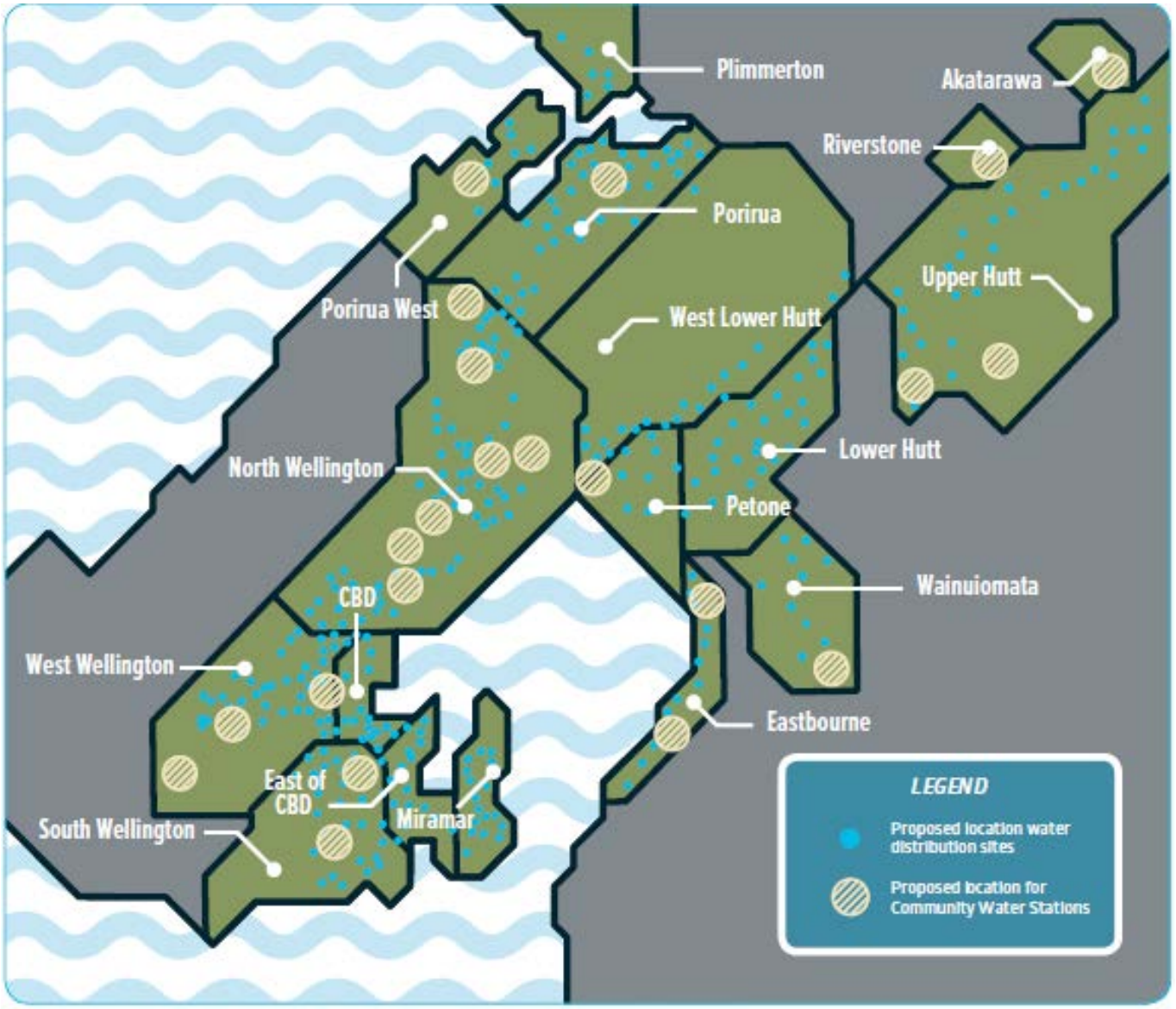


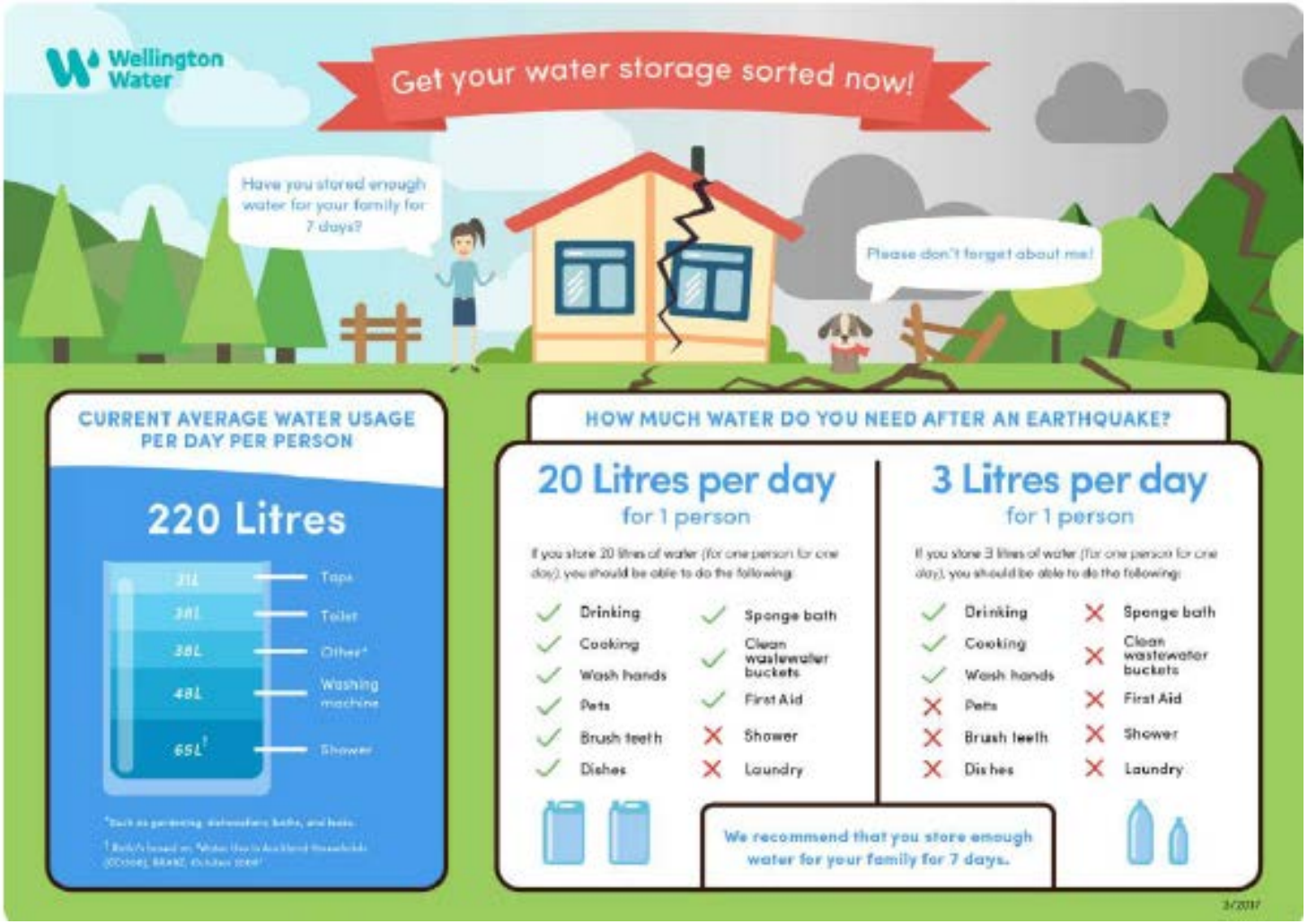
3. RESIDENTS COLLECT WATER FROM DISTRIBUTION POINTS



Community Water Distribution Points

Distribution points will be established within 500 to 1,000 metres of your home.
These will provide 20 litres of water for every person every day.


Plimmerton
Akatarawa
Riverstone
Porirua
Upper Hutt
Porirua West
West Lower Hutt
Lower Hutt
North Wellington
Petone
Wainuiomata
CBD
West Wellington
Eastbourne
East of CBD
Miramar
South Wellington
LEGEND
Proposed location water distribution sites
Proposed location for Community Water Stations


Wellington Water
Get your water storage sorted now!
Have you stored enough water for your family for 7 days?
Please don't forget about me!
CURRENT AVERAGE WATER USAGE PER DAY PER PERSON
220 Litres
Taps
Toilet
Other*
Washing machine
Shower
HOW MUCH WATER DO YOU NEED AFTER AN EARTHQUAKE?
20 Litres per day
for 1 person
If you store 20 litres of water (for one person for one day), you should be able to do the following:
Drinking
Cooking
Wash hands
Pets
Brush teeth
Dishes
Sponge bath
Clean wastewater buckets
First Aid
Shower
Laundry
3 Litres per day
for 1 person
If you store 3 litres of water (for one person for one day), you should be able to do the following:
Drinking
Cooking
Wash hands
Pets
Brush teeth
Dishes
Sponge bath
Clean wastewater buckets
First Aid
Shower
Laundry
We recommend that you store enough water for your family for 7 days.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