



POTABLE WATER SCHEMES

Overview and types of supply

PRACTICE NOTE WAT01

This Practice Note is part of a series of notes developed to assist with the use and implementation of the Central Hawke's Bay District Council's (Council) Water Supply Bylaw 2021 and the Sustainable Water Management Plan 2021-2024.

Purpose

The purpose of the Water Supply Bylaw 2021 is to manage the Council's water supplies to protect, promote and maintain public health and safety, to regulate the water supplies and to protect them from damage, misuse or loss.

The Sustainable Water Management Plan supports Council's management of water demand in the district and complements the Water Supply Bylaw. It outlines

how Council plans to manage its water supplies in an environmentally responsible and sustainable way, while also supporting sustainable growth, Te Mana o Te Wai and recognising the status of tangata whenua as Kaitiaki. We have written this practice note to provide an overview of our drinking water supply schemes and the different ways we provide water to these communities.



Council's Water Supplies

We have seven drinking water supply schemes – Waipukurau, Waipawa, Otane (supplied from Waipawa), Takapau, Kairakau and Porangahau and Te Paerahi. We also supply the Porerere campground and irrigate the sports field at Russell Park in Waipukurau.



Types of Supplies

We have four different types of water supplies. Depending on the type of supply there may be metering, backflow prevention and on-site tank requirements that you need to meet.



On-Demand Water Supply

An on-demand supply is when pressurised water is available as and when needed.

There are two types of on-demand supply:



1. Ordinary supply: is where water is used for domestic purposes only, including in and around the house. This includes washing cars and boats and watering gardens, although from time to time we may restrict garden watering (e.g. in a drought).



2. Extraordinary supply: is where water is used for anything other than domestic purposes. We normally meter extraordinary supplies and we may impose specific conditions and limitations. We are under no obligation to provide an extraordinary supply.

The following uses are considered an extraordinary supply:

- Premises greater than 4,000m² in area
- Domestic spa or swimming pool in excess of 10m³ capacity
- Fixed garden irrigation systems
- Commercial, business and industrial uses
- Agricultural, horticultural and viticultural uses, including stock watering
- Lifestyle blocks (peri-urban or small rural-residential uses), including stock watering
- Fire protection systems other than sprinkler systems installed to comply with NZS 4517
- Out of district (supply to, or within another local authority)
- Temporary supply.

Restricted Water Supply

Restricted water supplies have a restricted flow of water going into each property. There is a restrictor at the point where water enters your property (known as the point of supply) to limit the flow rate and therefore how much water is provided to your property each day. You need to install a tank to store the water, and the tank must have an overflow and an air gap to prevent backflow.

Out of Area Water Supply

If your property is not part of a reticulated water network but is close to one, we may allow you to connect to that water supply. If you wish to apply for an out of area connection, you must provide a report with your application which assesses the best ways to efficiently manage the water supplied, including using rainwater to supplement the supply, collecting and using greywater for onsite irrigation, and the effects on wastewater disposal. You must complete any changes or improvements resulting from the assessment before we will allow a water connection to be installed.

The agreement with Council for an out of area water supply may include:

- A limit on the volume supplied and a requirement for a water meter and backflow prevention device (see Practice Note WAT02: Metering and Practice Note 4: Backflow Prevention)
- A requirement for a 30,000 litre on-site water tank and flow restrictor to limit the rate at which water can be taken (see Practice Note WAT03: Storage Tanks).

When deciding whether to allow you to connect, we will assess the effect that supplying water to you would have on existing and future customers. All out of area water supplies are classed as an extraordinary use.

Specific Requirements – Kairakau and Pouterere

If you are on the Kairakau water supply, you must have an on-site water storage tank with a volume of at least 1,800 litres. The pipe on your property (i.e. the supply pipe from the point of supply) must be connected to your water tank. The tank must include a ball cock or similar device in the tank to stop water flowing in when the tank is full. You are not allowed to make any other connections between your supply pipe and the tank, and all plumbing on your property must be fed from the water tank. For further information about tanks, please see Practice Note WAT03: Storage Tanks.

Water supplied at Pouterere is only for the camping ground at the southern end of the beach, the public toilet block in the middle of the beach, and three properties next to the camping ground. If you would like to make a connection to this water supply you need to apply to the Council.

