


24 February 2025

LGOIMA 25-009



Tēnā koe 

Request for information: Camborne water storage

I refer to your email of 27 January 2025 to Porirua City Council asking a series of questions regarding the Camborne water storage facility, including six temporary plastic tanks.

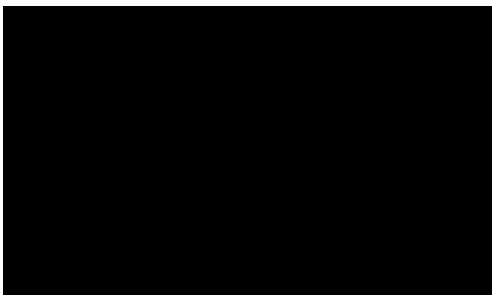
Your request was transferred to Wellington Water Limited under section 12 of the Local Government Official Information and Meetings Act (LGOIMA) 1987, as they are the lead agency for Porirua City Council's water infrastructure. The response to your questions are available in the appendix on the next page

Please note that it is our policy to proactively release our responses to official information requests where possible. Our response to your request will be published shortly at <https://www.wellingtonwater.co.nz/about-us/official-requests/official-information-act-responses/> with your personal information removed.

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at www.ombudsman.parliament.nz or freephone 0800 802 602.

If you wish to discuss this decision with us, please feel free to email us at official.information@wellingtonwater.co.nz

Nāku noa, nā



Chief Strategy and Planning Officer

APPENDIX

1. Including the 6x temporary tanks, what is now the maximum useable water storage capacity?

The volume of the Pope Street reservoir is 1,100 m³. The adjacent 6 x tanks are 25m³ each, so in total these provide up to 1,250m³ storage for the supply zone under normal operating conditions.

2. What is the maximum useable water storage capacity of just the 6x temporary tanks?

The maximum useable water storage capacity is six tanks with 25m³ storage each, totalling 150m³ total.

3. In useable % terms, what are the predicted highs and lows (weekdays and weekends, Winter and Summer) storage levels, when the 45x Plimmerton Farm properties are connected?

When determining the impact of the 45 properties on the storage area, we focussed on ensuring that the Level of Service did not change. We did not need the highs and lows of the storage levels to confirm the Level of Service and accordingly, Wellington Water does not hold the information that you have requested.

4. How much water does Wellington Water predict a 3-5 bedroom residential home, with 2-3 bathrooms, use per day?

Wellington Water provides hydraulic design methods and criteria in the Regional Standard for Water Services section 6.31.1(b), which is available at:

<https://www.wellingtonwater.co.nz/contractors/technical-information/specifications-and-standards>.

For your reference, equation 2 calculates the peak demand by multiplying the population of the dwelling/development/relevant catchment (as defined under Section 5.3.1.2) by 0.0162L/s. In Porirua, we assume 3.5 people per house, regardless of size or number of bathrooms.

5. What is the earthquake rating of the main concrete water storage tank, and 6x temporary storage tanks?

Earthquake ratings are determined by Importance Levels, with Importance Level 1 being the least important and Importance Level 5 being the most important. This is set out in Clause A3 of the Building Regulations 1992 and Building (Building Code: Fire Safety and Signs) Amendment Regulations 2012.

Permanent new reservoirs in the region are designed to Importance Level 4 standard.

The six storage tanks have been designed and constructed to Importance Level 2, since they are to be replaced following construction of a watermain connecting to the proposed Plimmerton Farms reservoir.

Detailed assessment of the existing Pope Street reservoir has not been carried out; however preliminary high-level assessment indicates the existing reservoir does not meet Importance Level 4 performance requirements.

6. Have all strengthening modifications recommended by Opus post-Christchurch and Kaikoura earthquakes, been completed on the concrete tank?

No strengthening work has been completed on the existing Pope Street reservoir.

7. Does Wellington Water consider water storage capacity and resilience, including for 45x Plimmerton Farm properties, to be inadequate, barely adequate, good or excellent?

The existing Pope Street reservoir does not meet the target level of seismic resilience.

The available storage volume for the supply zone under normal operating conditions will remain below target levels until the Plimmerton Farms reservoir is constructed.

PCC emergency centre - 2b Rahia Street, Elsdon. The emergency centre has 6x similar plastic storage tanks, as those installed in Camborne.

8. What is the combined maximum useable water storage capacity of those tanks?

Wellington Water Limited does not manage Porirua City Council emergency tanks, so we asked Porirua City Council. The information sourced from Porirua City Council is that there are four at the Emergency Operations Centre with a total capacity of 100,000 litres (100m³).