

4 March 2025



Dear 

**LOCAL GOVERNMENT OFFICIAL INFORMATION AND MEETINGS ACT Request:2025-01**

Thank you for your email request of Tuesday 4 February 2025 to the Carterton District Council, attached as **Appendix A**.

Your request has been considered under the Local Government Official Information and Meeting Act 1987 (the Act).

We note that your request does not provide clarity of the period (year/s) of data to start from, however, below are some information that may assist with the information you are requesting.

Some information related to some parts of your request can be found in our annual report which is publicly available in our website and can be viewed here: <https://cdc.govt.nz/your-council/publications/annual-reports/>. Referring to page 42 onwards, the report addresses the data for the portable water supply.

The excel document named, Copy of Water Service-Reactive maintenance attached as **Appendix B**, contains data that aligns more with your request, it has the location coordinates, start-stop time, mostly unplanned water outages data, and a range of other fields where it might be useful to you. However, please note that the document has been in place since 2023, only in this particular excel document.

Before 2023, our data was not stored digitally. To retrieve data beyond this time period would require substantial collation or research. I am refusing this part of your request under section 17(f) for the reason that the data requested cannot be made available without substantial collation or research.

The excel document named, Water Outage Post attached as **Appendix C**, may assist as it provides a list of water outages posts that were published in our website from the start of our existing website in 2017 to 4 February 2025 of when your request was received. However, for us to provide you the detailed breakdown of each specific water outage, it would require substantial collation or research.

**28 Holloway Street, Carterton, Wairarapa | PO Box 9, Carterton, 5743**  
**info@cdc.govt.nz | 06 379 4030 | www.cdc.govt.nz**

LGOIMA ID: 2025-01

I am refusing this part of your request under section 17(f) for the reason that the data requested cannot be made available without substantial collation or research.

If you do wish for council to continue with your request, we have set charges for professional services which includes LGOIMA work at an hourly rate of \$120.00 an hour, charged in half hour segments.

The named document, Network Environmental Performance Report attached as **Appendix D**, has data from district-level measures and network-level measures, maybe useful to you. I am of the understanding that Taumata Arowai should also have the same information.

Please note, the Council proactively publishes LGOIMA responses on our website. As such, we may publish this response on our website after five working days. Your name and contact details will be removed.

Thank you again for your email. You have the right to ask an Ombudsman to review this decision. You can do this by writing to [info@ombudsman.parliament.nz](mailto:info@ombudsman.parliament.nz) or Office of the Ombudsman, PO Box 10152, Wellington 6143.

Yours sincerely



Geoff Hamilton  
Chief Executive  
Carterton District Council

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## Investigating the impact of drinking water outages on enteric disease in Aotearoa

### Project Summary

#### Introduction

Planned and unplanned outages can disrupt drinking water supply systems, potentially compromising water quality and posing risks to public health. This research is part of a Master's project at the University of Canterbury supervised [REDACTED]

[REDACTED] The project aims to investigate the relationship between drinking water outages, pipe characteristics (such as material, age, and condition), and water quality. By examining these factors, the study seeks to assess their collective contribution to the risk of enteric diseases in Aotearoa. The findings will help identify opportunities to improve water system resilience and safeguard public health. Specifically, this study aims to examine:

1. The relationship between pipe characteristics and water outages.
2. The relationship between water outages and water quality.
3. How these factors collectively inform the association between water outages and enteric disease notifications.

#### Request for Water Outage Data

To support this work, I kindly request access to your council's records of planned and unplanned water outages, as far back as records are available. To ensure consistency across submissions from multiple councils, it would be preferred if the data is formatted in Microsoft Excel. The most important variables that we require are:

- **Outage Date:** in DD/MM/YYYY format
- **Outage Duration:** in hours or able to be inferred by other variables (“water stopped at” AND “water restarted at”)
- **Outage Location:** Ideally this would be in the format:
  - “Street number (10), street name, suburb, city” (ideally in separate columns or comma separated - see below example) or latitude and longitudinal coordinates.
  - If your location information is not in this format (e.g. range of addresses, multiple streets etc) could you suggest possible ways to determine a point location for the outage.
- **Outage Type:** whether the outage was planned or unplanned and what definitions are used by the council to define these classifications. If unknown, please include any notes on the nature of the outage and confirm there is not a consistent definition for these classifications.

Please provide data to:

UniqueID	Outage Date	Outage Duratio	Outage Location	Town/Suburb	Council	Outage Type	Notes
1	1.1.25	8.5	25 Example Street	Merivale	Christchurch	Planned	Outage was scheduled for 6 hours but took 8.5
2	6.1.25	2.8	1-27 Examples street	Merivale	Christchurch	Unplanned	odd numbers only
3	12.1.25	1	Example street	Merivale	Christchurch	Planned	Entire street
4	14.1.25	9	Example street, Case Ave, 1-9 Instance Drive	Merivale	Christchurch	Unplanned	<b>In the case where there is more than street affected please either list separately or separate with commas</b>

Email: [REDACTED]

Mobile: [REDACTED]

### Data Storage and Use

The data will be used in the investigation of drinking water outages on enteric disease in Aotearoa.

- The data will be stored securely by the University of Canterbury on its local servers.
- The data will only be accessed by researchers involved in the study from the University of Canterbury.
- A copy of the results of the study will be provided to Drinking Water Suppliers.
- The data sources will be acknowledged in any papers published.
- The data provided on each water supply may be used for future epidemiological studies by the research team at the University of Canterbury.

Thank you for your time and assistance. Your contribution is vital to advancing our understanding of the public health impacts of water outages in Aotearoa.

Kind regards,

[REDACTED]

University of Canterbury

### Research Team:

[REDACTED], University of Canterbury

[REDACTED] University of Canterbury

[REDACTED] University of Canterbury.