



CENTRAL ENVIRONMENTAL LABORATORIES

Central Environmental Laboratories  
 Module 2, Batchelar Agricultural Centre, Batchelar Road  
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 New Zealand

## Analytical Report

COA No.: 25/02088-1

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Palmerston North City Council  
 Water Unit  
 Private Bag 11034  
 Palmerston North

Compliance of samples tested are assessed according to 'Water Services (Drinking Water Standards for New Zealand) Regulations 2022'

Date received: 31/03/2025

Time received: 13:33

Sampled by: Josh Green

Sample date: 31/03/2025

Sample type: Treated

Sample	Test	Result	Units	Comments	Uncertainty
<b>25/02088-01</b>		<b>Sample time:</b> 08:48	<b>Order no.:</b> PO 4061		
Turitea Water Treatment Plant TP00147	Fluoride	0.80	g/m <sup>3</sup>	Complies with MAV of 1.5	
<b>25/02088-02</b>		<b>Sample time:</b> 11:05	<b>Order no.:</b> PO 4064		
Papaioea Park Bore Station TP00148	Fluoride	0.79	g/m <sup>3</sup>	Complies with MAV of 1.5	
<b>25/02088-03</b>		<b>Sample time:</b> 11:18	<b>Order no.:</b> PO 4064		
Takaro Bore Station TP00149	Fluoride	0.82	g/m <sup>3</sup>	Complies with MAV of 1.5	
<b>25/02088-04</b>		<b>Sample time:</b> 12:50	<b>Order no.:</b> PO 4064		
Roberts Line Bore Station TP00150	Fluoride	0.73	g/m <sup>3</sup>	Complies with MAV of 1.5	
<b>25/02088-05</b>		<b>Sample time:</b> 10:51	<b>Order no.:</b> PO 4064		
Keith Street Bore Station TP02023	Fluoride	0.87	g/m <sup>3</sup>	Complies with MAV of 1.5	
<b>25/02088-06</b>		<b>Sample time:</b> 09:47	<b>Order no.:</b> PO 4075		
Ashhurst Bore Station TP00158	Fluoride	0.85	g/m <sup>3</sup>	Complies with MAV of 1.5	
<b>25/02088-07</b>		<b>Sample time:</b> 10:07	<b>Order no.:</b> PO 4064		
Bunnythorpe Bore Station TP01205	Fluoride	0.67	g/m <sup>3</sup>	Complies with MAV of 1.5	
<b>25/02088-08</b>		<b>Sample time:</b> 11:33	<b>Order no.:</b> PO 4064		
Longburn Bore Station	Fluoride	0.34	g/m <sup>3</sup>	Complies with MAV of 1.5	

Sample	Test	Result	Units	Comments	Uncertainty
TP00384					
<b>25/02088-09</b>		<b>Sample time: 10:32</b>		<b>Order no.: PO 4064</b>	
Railway Road Bore Station TP04022	Fluoride	0.84	g/m <sup>3</sup>	Complies with MAV of 1.5	

< is less than > is more than, g/m<sup>3</sup> is equivalent to mg/L and ppm, MAV - Maximum Acceptable Value. GV - Guideline Value

Notes:

**Test Methodology:**

Test Code	Test	Methodology	Detection Limit
F.002CG	Fluoride	APHA 24th Ed. 4110 B	0.1 g/m <sup>3</sup>

Test analysis was initiated on 31/03/2025.



Report released by

**Johan Bosch**

Date: 01 April 2025

Principal Analyst

**Key Technical Person:**

Carrie-Ann Leighton

This Laboratory is accredited by International Accreditation New Zealand.

Tests and sampling procedures have been performed in accordance with the conditions of our accreditation.

Where not supplied test methods, detection limits and uncertainties are available on request.

When samples are collected by the client or an agent of the client, results reported apply only to samples as received at the Laboratory.

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