



CENTRAL ENVIRONMENTAL LABORATORIES

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

## Analytical Report

COA No.: 23/03563-1

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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: 12/06/2023

Time received: 13:37

Sampled by: Luke Clarke

Sample date: 12/06/2023

Sample type: Treated

Order no.: 660109

Sample	Test	Result	Units	Comments	Uncertainty
<b>23/03563-01</b>		<b>Sample time: 10:15</b>		<b>Order no.: 660122</b>	
Turitea Water Treatment Plant TP00147	Fluoride	0.74	g/m <sup>3</sup>	Complies with MAV of 1.5	± 0.037
<b>23/03563-02</b>		<b>Sample time: 12:30</b>		<b>Order no.: 660125</b>	
Papaioea Park Bore Station TP00148	Fluoride	0.75	g/m <sup>3</sup>	Complies with MAV of 1.5	± 0.0375
<b>23/03563-03</b>		<b>Sample time: 12:53</b>		<b>Order no.: 660125</b>	
Takaro Bore Station TP00149	Fluoride	0.75	g/m <sup>3</sup>	Complies with MAV of 1.5	± 0.0375
<b>23/03563-04</b>		<b>Sample time: 10:40</b>		<b>Order no.: 660125</b>	
Roberts Line Bore Station TP00150	Fluoride	0.62	g/m <sup>3</sup>	Complies with MAV of 1.5	± 0.031
<b>23/03563-05</b>		<b>Sample time: 10:15</b>		<b>Order no.: 660125</b>	
Keith Street Bore Station TP02023	Fluoride	0.67	g/m <sup>3</sup>	Complies with MAV of 1.5	± 0.0335
<b>23/03563-06</b>		<b>Sample time: 12:00</b>			
Ashhurst Bore Station TP00158	Fluoride	0.75	g/m <sup>3</sup>	Complies with MAV of 1.5	± 0.0375
<b>23/03563-07</b>		<b>Sample time: 11:09</b>		<b>Order no.: 660125</b>	
Bunnythorpe Bore Station TP01205	Fluoride	0.70	g/m <sup>3</sup>	Complies with MAV of 1.5	± 0.035

Sample	Test	Result	Units	Comments	Uncertainty
<b>23/03563-08</b>	<b>Sample time: 13:15</b>			<b>Order no.: 660125</b>	
Longburn Bore Station TP00384	Fluoride	0.71	g/m <sup>3</sup>	Complies with MAV of 1.5	± 0.0355

< 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 23rd Ed. 4110 B	0.1 g/m <sup>3</sup>

Test analysis was initiated on 12/06/2023.



Report released by

**Johan Bosch**

**Date: 14 June 2023**

**Principal Analyst**

**Key Technical Person:**

Johan Bosch

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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