

ENV 02-06-29

1 September 2016

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Dear Sir

Water Sample for Analysis – Pigeon Rock

Enclosed are the results of an analysis of water taken from the water supply on 29 August 2016.

The samples were collected the outside tap of the dwelling located at 124 Cornish Point Road and labelled as "Pigeon Rock".

Bacteriological Test

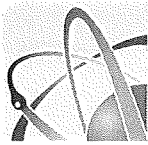
The samples collected had an **E.coli count of <1 1MPN/100mls**. The result indicated that the supply was of satisfactory bacteriological standard for drinking water at the time of collection.

If you have any further enquires, please do not hesitate to contact the undersigned.

Yours faithfully



Sue de Jong  
Administration Officer, Planning & Environment



**ANALYSIS REPORT** Page 1 of 3

<b>Client:</b>	Central Otago District Council	<b>Lab No:</b>	1639020	DWAPv1
<b>Contact:</b>	Sue de Jong C/- Central Otago District Council PO Box 122 Alexandra 9340	<b>Date Received:</b>	30-Aug-2016	
		<b>Date Reported:</b>	31-Aug-2016	
		<b>Quote No:</b>	34279	
		<b>Order No:</b>		
		<b>Client Reference:</b>	Standard testing	
		<b>Submitted By:</b>	Sue de Jong	

Sample Type: Aqueous			
Sample Name:	Pigeon Rack 29-Aug-2016 11:20 am	Guideline Value	Maximum Acceptable Values (MAV)
Lab Number:	1639020.1		
Escherichia coli	MPN / 100mL	< 1	< 1
		-	< 1

**Note:** The Guideline Values and Maximum Acceptable Values (MAV) are taken from the publication 'Drinking-water Standards for New Zealand 2005 (Revised 2008)', Ministry of Health. Copies of this publication are available from <http://www.health.govt.nz/publication/drinking-water-standards-new-zealand-2005-revised-2008>

The Maximum Acceptable Values (MAVs) have been defined by the Ministry of Health for parameters of health significance and should not be exceeded. The Guideline Values are the limits for aesthetic determinands that, if exceeded, may render the water unattractive to consumers.

Note that the units g/m<sup>3</sup> are the same as mg/L and ppm.



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## Routine Water Assessment for Sample No 1639020.1 - Pigeon Rack 29-Aug-2016 11:20

### **Bacteriological Tests**

The NZ Drinking Water Standards state that there should be no *Escherichia coli* (E coli) in water used for human consumption. The presence of these organisms would indicate that other pathogens of faecal origin may be present. Results obtained for Total Coliforms are only significant if the sample has not also been tested for E coli.

*Escherichia coli* was not detected in this sample.

### **Final Assessment**

All parameters tested for meet the guidelines laid down in the publication 'Drinking-water Standards for New Zealand 2005 (Revised 2008)' published by the Ministry of Health for water which is suitable for drinking purposes.