

Watercare Services Limited

493437-0

26-Jan-2023

17-Jan-2023

52 Aintree Ave, Mangere, Auckland, 2022 PO Box 107028, Auckland, 2150 T: 0800 522 365 clientsupport@water.co.nz www.watercarelabs.co.nz

25-Jan-2023

Certificate of Analysis Laboratory Reference:230117-036

Attention: Nz Queenstown Lab Results Client: VEOLIA WATER

Address

74 Glenda Drive, Frankton, Queenstown, 9300

Sampled By:

Final Report:

Report Issue Date:

Received Date:

Client Reference: Purchase Order:

Laboratory Activity Dates: 17-Jan-2023

7300228298 Quote Reference: 48

Sample Details		WATERS	WATERS	
Lab Sample ID:		230117-036-1	230117-036-2	
Client Sample ID:		S2228	LUG001LU	
Sample Date/Time		17/01/2023 10:00	17/01/2023 10:10	
Description:		Luggate Source	HAW002HA Fire Station - Luggate	
Micro Summary View				
Escherichia coli	MPN/100mL	<1.0	-	
Total Coliforms	MPN/100mL	<1.0	-	
Chemistry Detailed				
Anions				
Chloride	mg/L	2.14 ± 0.11	-	
Sulphate	mg/L	3.2 ± 0.38	-	
Sample Parameters and Field Testing				
Residual Free Chlorine (as Cl2)	mg/L	-	0.56 ± 0.028	
Sampled by Watercare Laboratory Services		Yes	Yes	
General Testing				
Total Alkalinity (as CaCO3)	mg/L	98	-	
Metals				
Total Metals by ICP-MS—Trace (Default D	igest)			
Antimony (Total)	mg/L	<0.001	-	
Arsenic (Total)	mg/L	<0.0001	-	
Barium (Total)	mg/L	0.042 ± 0.0069	-	
Cadmium (Total)	mg/L	<0.00005	-	
Calcium (Total)	mg/L	0.012 ± 0.002	-	
Chromium (Total)	mg/L	<0.0005	-	
Copper (Total)	mg/L	0.0003 ± 0.000056	-	
Lead (Total)	mg/L	<0.0001	-	
Magnesium (Total)	mg/L	0.0031 ± 0.00067	-	
Mercury (Total)	mg/L	<0.00005	-	
Nickel (Total)	mg/L	<0.0001	-	
Sodium (Total)	mg/L	0.67 ± 0.14	-	

Results marked with * are not accredited to International Accreditation New Zealand. A dash indicates no test performed.

Where samples have been supplied by the client, they are tested as received.

The results of analysis contained in this report relate only to the sample(s) tested. Where sample collection was performed by the laboratory, the results of analysis contained in this report relate only to the sample(s) collected.

Reference Methods

The sample(s) reletted to the this report were analysed by the following method(s)							
Analyte	Method Reference	MDL	Samples	Location			
Micro Summary View							
Escherichia coli	APHA (online edition) 9223 B	1 MPN/100mL	1	Queenstown			
Total Coliforms	APHA (online edition) 9223 B	1 MPN/100mL	1	Queenstown			
Chemistry Detailed							



Queenstown

74 Glenda Drive, Frankton, Queenstown, 9300 T: (03) 409 0559

Invercargill

142 Esk Street, Invercargill, 9810 T: (03) 214 4040

Report Number: 493437-0 Page 1 of 2 Watercare Laboratory Services

0.02 mg/L	1	Auckland
APHA (online edition) 4110 B 0.02 mg/L		Auckland
0.02 mg/L	2	At site
AS/NZS 5667 Part 4 (Lakes), Part 5 (Drinking Water), Part 6 (Rivers/Streams), Part 7 (Boiler s), Part 9 (Marine), Part 10 (Waste Waters), Part 11 (Groundwaters) and In-House Methods		At site
1 mg/L	1	Auckland
0.001 mg/L	1	Auckland
0.0001 mg/L	1	Auckland
0.0002 mg/L	1	Auckland
0.00005 mg/L	1	Auckland
0.01 mg/L	1	Auckland
0.0005 mg/L	1	Auckland
0.0002 mg/L	1	Auckland
0.0001 mg/L	1	Auckland
0.001 mg/L	1	Auckland
0.00005 mg/L	1	Auckland
0.0001 mg/L	1	Auckland
0.1 mg/L	1	Auckland
	1	Auckland
	1	Auckland
	for analysis the dete ager.	1 for analysis the detection limit may

Samples, with suitable preservation and stability of analytes, will be held by the laboratory for a period of two weeks after results have been reported, unless otherwise advised by the submitter.

Watercare Laboratory Services is a division of Watercare Services Limited .

This report may not be reproduced, except in full, without the written authority of the Compliance and Projects Manager.

Zum Nguyen

Anel Du Preez

KTP Signatory

Chemistry Detailed

KTP Signatory

David Hoekendijk

David Hoekendijk

KTP Signatory



74 Glenda Drive, Frankton, Queenstown, 9300 T: (03) 409 0559

Invercargill

142 Esk Street, Invercargill, 9810 T: (03) 214 4040