

Certificate of Analysis

Laboratory Reference: 240116-146

Attention: News .	Final Report: 536637-0
Client: VEOLIA WATER	Report Issue Date: 18-Jan-2024
Address: PO Box 761, Thames, 3540	Received Date: 17-Jan-2024
Client Reference: Hahei Estuary	Laboratory Activity Dates: 17-Jan-2024 - 18-Jan-2024
Purchase Order: 7300164040	Quote Reference : 5949

Sample Details

Lab Sample ID:	240116-146-1
Client Sample ID:	
Sample Date/Time	16/01/2024 17:20
Description:	Estuary

General Testing

Ammoniacal Nitrogen (as N)	mg/L	<0.005
----------------------------	------	--------

Microbiology

Enterococci by Membrane Filtration

Enterococci	cfu/100 mL	110
-------------	------------	-----

Escherichia coli by Membrane Filtration

Escherichia coli	cfu/100 mL	180
------------------	------------	-----

*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) referred to in this report were analysed by the following method(s)

Analyte	Method Reference	MDL	Samples	Location
General Testing				
Ammoniacal Nitrogen (as N) by Flow Analysis	APHA (online edition) 4500-NH3 H	0.005 mg/L	All	Auckland
Microbiology				
Enterococci by Membrane Filtration				
Enterococci	APHA (online edition) 9230 C	2 cfu/100 mL	All	Auckland
Escherichia coli by Membrane Filtration				
Escherichia coli	USEPA Method 1603	1 cfu/100 mL	All	Auckland

The method detection limit (MDL) listed is the limit attainable in a relatively clean matrix. If dilutions are required for analysis the detection limit may be higher. For more information please contact the Compliance and Projects Manager.

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.

Stephen Money
KTP - Chemistry

Marina Fisher
KTP Signatory