

Certificate of Analysis

Laboratory Reference: 211229-041

Attention:	News .	Final Report:	441144-0
Client:	VEOLIA WATER	Report Issue Date:	31-Dec-2021
Address:	PO Box 761, Thames, 3540	Received Date:	29-Dec-2021
Client Reference:	Hahei Estuary	Laboratory Activity Dates:	29-Dec-2021 - 30-Dec-2021
Purchase Order:	7300139680	Quote Reference :	5949

Sample Details

WATERS

Lab Sample ID:	211229-041-1
Client Sample ID:	
Sample Date/Time	29/12/2021
Description:	Estuary

General Testing

Ammoniacal Nitrogen (as N)	mg/L	0.5
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Microbiology

Enterococci by Membrane Filtration

Enterococci	cfu/100 mL	1100
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Escherichia coli by Membrane Filtration

Escherichia coli	cfu/100 mL	480
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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	1 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.

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