

Certificate of Analysis

Laboratory Reference: 190108-012

Attention:	News .	Final Report:	300170-0
Client:	VEOLIA WATER	Report Issue Date:	10-Jan-2019
Address:		Received Date:	09-Jan-2019
Client Reference:	Hahei Estuary	Quote Reference :	5949
Purchase Order:	Not Available		

Sample Details

WATERS

Lab Sample ID:	190108-012-1
Client Sample ID:	
Sample Date/Time:	08/01/2019
Description:	Estuary

General Testing

Ammoniacal Nitrogen (as N)	mg/L	<0.4
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Microbiology

Enterococci by Membrane Filtration

Enterococci	cfu/100 mL	6.6
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Escherichia coli by Membrane Filtration

Escherichia coli	cfu/100 mL	1.6
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Results marked with * are not accredited to International Accreditation New Zealand

Where samples have been supplied by the client they are tested as received. A dash indicates no test performed.

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 Colorimetry/Discrete Analyser	HMSO (1981) ISBN 0117516139	0.4 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	2 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 Operations 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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Report Signatory 10/01/2019

A handwritten signature in blue ink, appearing to be 'QZ'.

Qi Zhu
KTP Signatory