

### Certificate of Analysis

#### Laboratory Reference: 190819-004

<b>Attention:</b>	News .	<b>Final Report:</b>	<b>330839-0</b>
<b>Client:</b>	<b>VEOLIA WATER</b>	<b>Report Issue Date:</b>	<b>23-Aug-2019</b>
<b>Address:</b>		<b>Received Date:</b>	<b>20-Aug-2019</b>
<b>Client Reference:</b>	<b>Hahei Estuary</b>	<b>Quote Reference :</b>	<b>5949</b>
<b>Purchase Order:</b>	<b>Not Available</b>		

#### Sample Details

#### WATERS

<b>Lab Sample ID:</b>	<b>190819-004-1</b>
<b>Client Sample ID:</b>	
<b>Sample Date/Time</b>	19/08/2019
<b>Description:</b>	Estuary

#### General Testing

Ammoniacal Nitrogen (as N)	mg/L	0.046
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#### Microbiology

##### Enterococci by Membrane Filtration

Enterococci	cfu/100 mL	33
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##### Escherichia coli by Membrane Filtration

Escherichia coli	cfu/100 mL	42
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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
<b>General Testing</b>				
Ammoniacal Nitrogen (as N) by Flow Analysis	APHA (online edition) 4500-NH3 H	0.005 mg/L	All	Auckland
<b>Microbiology</b>				
<b>Enterococci by Membrane Filtration</b>				
Enterococci	APHA (online edition) 9230 C	2 cfu/100 mL	All	Auckland
<b>Escherichia coli by Membrane Filtration</b>				
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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