

# Food & Water Testing

## ANALYTICAL REPORT

REPORT CODE **AR-25-NC-020726-01** REPORT DATE **21/07/2025**

**Attention** Veolia Water Services (ANZ) Pty Ltd  
 NZ Queenstown Lab Results  
 74 Glenda Drive  
 Frankton  
 9300 Queenstown  
 NEW ZEALAND

**Phone** 03 450 9240

**Email** nz.queenstown.lab-results.all.groups@veolia.com

**Copy to:** QLDC Lab Results (lab.results@qldc.govt.nz), Lado

**Contact for your orders:** James Thornton  
**Contract:** Shotover WWTP Monthly + Bores  
**Submission Reference:** Shotover WWTP  
**Order Comment:** follow up testing- not compliance samples

**Order code:** EUNZCH-00223574  
**Purchase Order Number:** 7300473792

**SAMPLE CODE** **817-2025-00069443**

<b>Sampling Point code:</b>	NC0001572018	<b>Sampling Point name:</b>	Shotover WWTP Effluent + Grab
<b>Reception Date &amp; Time:</b>	14/07/2025 13:17	<b>Reception temperature:</b>	4.7 °C
<b>Analysis Started on:</b>	14/07/2025	<b>Analysis Ending Date:</b>	21/07/2025
<b>Product Type</b>	Effluent (waste)	<b>Sampled Date &amp; Time</b>	14/07/2025 08:55
<b>Sampler(s)</b>		<b>Sampling Purpose</b>	Monitoring

### RESULTS LOQ SPECIFICATIONS

*NC0AK	<b>Ammoniacal Nitrogen by Discrete Analyser</b>				
	Ammonia nitrogen	7.62	mg/l	0.01	
*NC03N	<b>Carbonaceous Biochemical Oxygen Demand in Water by DO Meter</b>				
	Carbonaceous Biochemical Oxygen Demand	17.9	mg/l	2	consent limit of 30 mg/l ✓ Client Specification
*ZMJU9	<b>Enumeration of Escherichia coli by Membrane Filtration</b>				
	Escherichia coli	40	cfu/100 ml	10	consent limit of 260 cfu/100 ml ✓ Client Specification
*NC03R	<b>Nitrate-Nitrogen in Water by Discrete Analyser Calculation (Trace)</b>				
	Nitrate nitrogen	3.47	mg/l	0.01	
*NC05B	<b>Total Biochemical Oxygen Demand (TBOD 5 Days) by Electrode</b>				
	Biochemical oxygen demand (BOD)	19	mg/l	2	
*NC03M	<b>Total Nitrogen in Water by Discrete Analyser (Trace)</b>				
	Total Nitrogen (N)	15.8	mg/l	0.01	consent limit of 23 mg/l ✓ Client Specification
*NC76G	<b>Total Phosphorus in Water by Discrete Analyser (Trace)</b>				
	Total phosphorus	3.87	mg/l	0.01	
*NC0AE	<b>Total Suspended Solids in Water by Gravimetry</b>				
	Suspended Solids	33.1	mg/l	2.5	consent limit of 30 mg/l ✗ Client Specification

### LIST OF METHODS

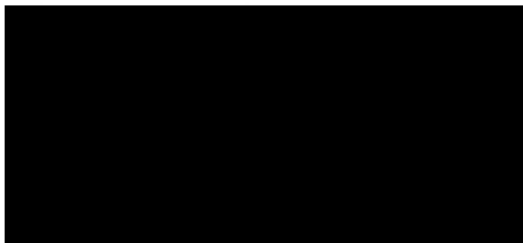
NC03M	<b>Total Nitrogen in Water by Discrete Analyser (Trace):</b> APHA Online Edition 4500-P J/4500-NH	NC03N	<b>Carbonaceous Biochemical Oxygen Demand in Water by DO Meter:</b> APHA Online Edition 5210 B
NC03R	<b>Nitrate-Nitrogen in Water by Discrete Analyser Calculation (Trace):</b> Calculated, Calculation [(Nitrate-N + Nitrite-N) - Nitrite-N]	NC05B	<b>Total Biochemical Oxygen Demand (TBOD 5 Days) by Electrode:</b> APHA Online Edition 5210 B
NC0AE	<b>Total Suspended Solids in Water by Gravimetry:</b> APHA Online Edition 2540 D	NC0AK	<b>Ammoniacal Nitrogen by Discrete Analyser:</b> ISBN 0117516139 mod.

## Food & Water Testing

NC76G **Total Phosphorus in Water by Discrete Analyser**  
(Trace): APHA Online Edition 4500-P B/J mod.

ZMJU9 **Escherichia coli E [IVC] <10 >80 000 cfu/100 ml (0-1)**  
**mTEC Agar-F: US EPA 1603 2014**

Signature



### EXPLANATORY NOTE

- ① Test is not accredited
- ② Test is subcontracted within Eurofins group and is accredited
- ③ Test is subcontracted within Eurofins group and is not accredited
- ④ Test is subcontracted outside Eurofins group and is accredited
- ⑤ Test is subcontracted outside Eurofins group and is not accredited
- ⑥ Test result is provided by the customer and is not accredited
- ⑦ Tested at the sampling point by Eurofins and is not accredited
- ⑧ Tested at the sampling point by Eurofins and is accredited
- ⑨ Test is RLP accredited
- ⑩ Test is subcontracted within Eurofins group and is RLP accredited
- \*Test was performed at Eurofins ELS Limited, 142 Esk Street, Invercargill

**N/A** means Not Applicable

**Not Detected** means not detected at or above the Limit of Quantification (LOQ)

**LOQ** means Limit of Quantification and the unit of LOQ is the same as the result unit

✗ (Unsatisfactory) means does not meet the specification

✓ (Satisfactory) means meets the specification

**MAV** means Maximum Allowable Value

The Customer acknowledges and accepts that: (a) where Eurofins is not responsible for sampling, the test result(s) in this report apply only to the sample as received. Customer is solely responsible for the sampling process and warrants that the sample provided to Eurofins is representative of the lot / batch from which the samples were drawn; and (b) Eurofins expresses no opinion and accepts no liability in respect of the Customer's production process or homogeneity of the product.

The tests are identified by a five-digit code, their description is available on request.

Accreditation does not apply to comments or graphical representations.

Unless otherwise stated, all tests in this analytical report (except for subcontracted tests) are performed at 43 Detroit Drive, Rolleston, Christchurch, NEW ZEALAND.

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Eurofins may subcontract the performance of part or all of the Services to a third party and the Customer authorises the release of all information necessary to the third party for the provision of the Services.

All samples become the property of Eurofins to the extent necessary for the performance of the Services.

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If the Customer pays for storage of the samples Eurofins will take commercially reasonable steps to store the samples for the agreed period in terms of industry practice.

The Eurofins water sampling service follows methodology based on AS/NZS 5667 and / or best practice to collect and transport samples that are fit for the purpose of analytical testing. The laboratory is not responsible for sampling activities unless explicitly indicated by the statement "Sampled by Eurofins" on the report for water samples.

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