

Food & Water Testing

ANALYTICAL REPORT

REPORT CODE **AR-25-NC-013639-01** REPORT DATE **13/05/2025**

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

Phone 03 450 9240
Email [REDACTED]

Copy to: QLDC Lab Results (lab.results@qldc.govt.nz), [REDACTED]

Contact for your orders: James Thornton
Contract: Shotover WWTP Monthly + Bores
Submission Reference: Shotover WWTP
Order code: EUNZCH-00216715

SAMPLE CODE **817-2025-00044456**

Sampling Point code:	NC0001572018	Sampling Point name:	Shotover WWTP Effluent + Grab
Reception Date & Time:	07/05/2025 0:00	Reception temperature:	7.6 °C
Analysis Started on:	08/05/2025	Analysis Ending Date:	13/05/2025
Sampled Date & Time	07/05/2025 14:30	Sampler(s)	[REDACTED]
Sampling Purpose	Monitoring		

	RESULTS	LOQ	SPECIFICATIONS
*NC0AK Ammoniacal Nitrogen by Discrete Analyser			
Ammonia nitrogen	7.35 mg/l	0.01	
*NC03N Carbonaceous Biochemical Oxygen Demand in Water by DO Meter			
Carbonaceous Biochemical Oxygen Demand	14.7 mg/l	2	consent limit of 30 mg/l ✓ Client Specification
*ZMJU9 Enumeration of Escherichia coli by Membrane Filtration			
Escherichia coli	<10 cfu/100 ml	10	consent limit of 260 cfu/100 ml ✓ Client Specification
*NC03R Nitrate-Nitrogen in Water by Discrete Analyser Calculation (Trace)			
Nitrate nitrogen	3.83 mg/l	0.01	
*NC05B Total Biochemical Oxygen Demand (TBOD 5 Days) by Electrode			
Biochemical oxygen demand (BOD)	16 mg/l	2	
*NC03M Total Nitrogen in Water by Discrete Analyser (Trace)			
Total Nitrogen (N)	15.7 mg/l	0.01	consent limit of 23 mg/l ✓ Client Specification
*NC76G Total Phosphorus in Water by Discrete Analyser (Trace)			
Total phosphorus	1.65 mg/l	0.01	
*NC0AE Total Suspended Solids in Water by Gravimetry			
Suspended Solids	22.8 mg/l	2.5	consent limit of 30 mg/l ✓ Client Specification

LIST OF METHODS

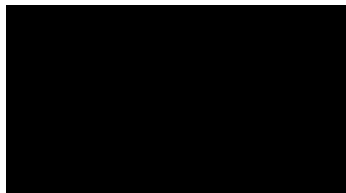
NC03M Total Nitrogen in Water by Discrete Analyser (Trace): APHA Online Edition 4500-P J/4500-NH	NC03N Carbonaceous Biochemical Oxygen Demand in Water by DO Meter: APHA Online Edition 5210 B
NC03R Nitrate-Nitrogen in Water by Discrete Analyser Calculation (Trace): Calculated, Calculation [(Nitrate N + Nitrite N) Nitrite N]	NC05B Total Biochemical Oxygen Demand (TBOD 5 Days) by Electrode: APHA Online Edition 5210 B
NC0AE Total Suspended Solids in Water by Gravimetry: APHA Online Edition 2540 D	NC0AK Ammoniacal Nitrogen by Discrete Analyser: 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 (Water) [NZ Water] <10 >80 000 /100**
ml (0-1) mTEC Agar-F: US EPA 1603 2014

Signature



Head of Southern
Laboratory (K.T.P)

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.

The laboratory is not responsible for the information provided by the customer which can affect the validity of the results, for example: sampling information such as date/time, field data etc.

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.

Eurofins will not be required to store samples and may destroy or otherwise dispose of the samples or return the samples to the Customer (at the Customer's cost in all respects) immediately following analysis of the samples.

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.

The Customer acknowledges that the Services are provided using the current state of technology and methods developed and generally applied by Eurofins and involve analysis, interpretations, consulting work and conclusions. Eurofins shall use commercially reasonable degree of care in providing the Services.

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END OF REPORT

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