

## Food &amp; 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

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

 Contact for your orders: James Thornton  
 Contract: Shotover WWTP Monthly + Bores  
 Submission Reference: Shotover WWTP

Order code: EUNZCH-00216715

 SAMPLE CODE **817-2025-00044456**

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

## RESULTS

## LOQ

## SPECIFICATIONS

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

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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.

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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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