

Food & Water Testing

ANALYTICAL REPORT

REPORT CODE **AR-25-NC-024906-01** REPORT DATE **29/08/2025**

Attention Veolia Water Services (ANZ) Pty Ltd
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Contact for your orders: James Thornton
Contract: Drinking Water

Order code: EUNZCH-00227880

Purchase Order Number: 7300492900

SAMPLE CODE **817-2025-00083837**

Product:	Raw water	Sampling Point name:	Arrowtown Source, S3
Sampling Point code:	Q_UWI_ARROWTOWN_RAW	Reception temperature:	3.3 °C
Reception Date & Time:	25/08/2025 12:29	Analysis Ending Date:	29/08/2025
Analysis Started on:	25/08/2025	Sampled Date & Time	25/08/2025 09:27
Product Type	Raw water	Sampling Purpose	Monitoring
Sampler(s)	David Hoekendijk		
Sampled By Eurofins	Yes		

	RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS
②NW003 Total Alkalinity			
Alkalinity total	81 (± 8) mg CaCO ₃ /l	1	
②NW007 Chloride			
Chloride (Cl)	2.07 (± 0.21) mg/l	0.02	
②NW010 Nitrate-N			
Nitrate-N	0.61 (± 0.06) mg/l	0.01	
②NW011 Sulphate			
Sulphate	10.8 (± 1.08) mg/l	0.02	
②NW030 Total Hardness			
Hardness	95 (± 10) mg CaCO ₃ /l	1	
②NW148 Total Antimony			
Antimony (Sb)	<0.002 (± 0.003) mg/l	0.002	50% MAV 0.01 mg/l ✓ Client Specification
②NW149 Total Arsenic			
Arsenic (As)	<0.002 (± 0.003) mg/l	0.002	50% MAV 0.005 mg/l ✓ Client Specification
②NW150 Total Barium			
Barium (Ba)	0.006 (± 0.003) mg/l	0.005	50% MAV 0.75 mg/l ✓ Client Specification
②NW154 Total Cadmium			
Cadmium (Cd)	<0.001 (± 0.003) mg/l	0.001	50% MAV 0.002 mg/l ✓ Client Specification
②NW156 Total Calcium			
Calcium (Ca)	30.9 (± 3.1) mg/l	0.1	
②NW157 Total Chromium			
Chromium (Cr)	<0.001 (± 0.003) mg/l	0.001	50% MAV 0.025 mg/l ✓ Client Specification
②NW159 Total Copper			
Copper (Cu)	0.006 (± 0.003) mg/l	0.002	50% MAV 1.0 mg/l ✓ Client Specification
②NW160 Total Iron			

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	RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS
②NW160 Total Iron			
Iron (Fe)	<0.1 (± 0.0) mg/l	0.1	
②NW161 Total Lead			
Lead (Pb)	<0.001 (± 0.003) mg/l	0.001	50% MAV 0.005 mg/l ✓ Client Specification
②NW163 Total Magnesium			
Magnesium (Mg)	4.3 (± 0.4) mg/l	0.1	
②NW164 Total Manganese			
Manganese (Mn)	<0.001 (± 0.003) mg/l	0.001	
②NW165 Total Mercury			
Mercury (Hg)	<0.001 (± 0.003) mg/l	0.001	50% MAV 0.0035 mg/l ✓ Client Specification
②NW167 Total Nickel			
Nickel (Ni)	0.002 (± 0.003) mg/l	0.001	50% MAV 0.04 mg/l ✓ Client Specification
②NW171 Total Sodium			
Sodium (Na)	2.8 (± 0.3) mg/l	0.1	
②NW331 Colour			
Colour	<5 Colour unit	5	
ZM2L7 Enumeration (Colilert-18 51-Well) of Escherichia coli using Quanti-Tray			
Escherichia coli	<1 MPN/100 ml	1	Elevated E. Coli MPN/100 ml ✓ Client Specification
ZM2L9 Enumeration (Colilert-18 51-Well) of Total Coliforms using Quanti-Tray			
Total Coliforms	<1 MPN/100 ml	1	

LIST OF METHODS

NW003 Total Alkalinity: APHA Online Edition 2320 B	NW007 Chloride: APHA Online Edition 4110 B
NW010 Nitrate-N: APHA Online Edition 4110 B	NW011 Sulphate: APHA Online Edition 4110 B
NW030 Total Hardness: APHA Online Edition 2340 B	NW148 Total Antimony: APHA Online Edition 3125 B mod.
NW149 Total Arsenic: APHA Online Edition 3125 B mod.	NW150 Total Barium: APHA Online Edition 3125 B mod.
NW154 Total Cadmium: APHA Online Edition 3125 B mod.	NW156 Total Calcium: APHA Online Edition 3125 B mod.
NW157 Total Chromium: APHA Online Edition 3125 B mod.	NW159 Total Copper: APHA Online Edition 3125 B mod.
NW160 Total Iron: APHA Online Edition 3125 B mod.	NW161 Total Lead: APHA Online Edition 3125 B mod.
NW163 Total Magnesium: APHA Online Edition 3125 B mod.	NW164 Total Manganese: APHA Online Edition 3125 B mod.
NW165 Total Mercury: APHA Online Edition 3125 B mod.	NW167 Total Nickel: APHA Online Edition 3125 B mod.
NW171 Total Sodium: APHA Online Edition 3125 B mod.	NW331 Colour: APHA Online Edition 2120 C
ZM2L7 Escherichia coli E [QNT] <1 >201 MPN/100 ml (0) Colilert-18-Q: SMEWW 9223B; APHA 24th Edition	ZM2L9 Total Coliforms E [QNT] <1 >201 MPN/100 ml (0) Colilert-18-Q: SMEWW 9223B; APHA 24th Edition

Signature



David Hoekendijk Team Lead Eurofins ELS Limited

EXPLANATORY NOTE

Food & Water Testing

- 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

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 Eurofins ELS Limited, Unit 1/74 Glenda Drive, Frankton, Queenstown.

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.

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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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