ANALYTICAL REPORT

REPORT CODE	AR-26-NC-022839-01	REPORT DATE	07/07/2026

Contact for your orders:		**Order code:**	EUNZCH-00260382
Contract:	Drinking Water		
Submission Reference:	Veolia QT-Source-Physicochemical	**Purchase Order Number:**	7300601954

SAMPLE CODE	817-2026-00060593
Product:	Raw water
Limits:	

Sampling Point code:	Q_UWI_HAWEA_RAW	**Sampling Point name:**	Hawea Source, S3230
Reception Date & Time:	02/07/2026 14:23	**Reception temperature:**	1.8 °C
Analysis Started on:	02/07/2026	**Analysis Ending Date:**	07/07/2026
Product Type	Raw water	**Sampled Date & Time**	02/07/2026 11:21
Sampler(s)		**Sampling Purpose**	Monitoring
Sampled By Eurofins	Yes		

		RESULTS	(UNCERTAINTY)	LOQ	SPECIFICATIONS
②NW003	**Total Alkalinity**				
	Alkalinity total	24	(± 2) mg CaCO3/l	1	
②NW007	**Chloride**				
	Chloride (Cl)	0.52	(± 0.05) mg/l	0.02	
②NW010	**Nitrate-N**				
	Nitrate-N	0.02	(± 0.00) mg/l	0.01	
②NW011	**Sulphate**				
	Sulphate	3.92	(± 0.39) mg/l	0.02	
②NW030	**Total Hardness**				
	Hardness	24	(± 2) mg CaCO3/l	1	
②NW148	**Total Antimony**				
	Antimony (Sb)	<0.002	(± 0.003) mg/l	0.002	
②NW149	**Total Arsenic**				
	Arsenic (As)	<0.002	(± 0.003) mg/l	0.002	
②NW150	**Total Barium**				
	Barium (Ba)	<0.005	(± 0.003) mg/l	0.005	
②NW154	**Total Cadmium**				
	Cadmium (Cd)	<0.001	(± 0.003) mg/l	0.001	
②NW156	**Total Calcium**				
	Calcium (Ca)	8.8	(± 0.9) mg/l	0.1	
②NW157	**Total Chromium**				
	Chromium (Cr)	<0.001	(± 0.003) mg/l	0.001	
②NW159	**Total Copper**				

		RESULTS (UNCERTAINTY)		LOQ	SPECIFICATIONS
②NW159	**Total Copper**				
	Copper (Cu)	0.006	(± 0.003) mg/l	0.002	
②NW160	**Total Iron**				
	Iron (Fe)	0.2	(± 0.0) mg/l	0.1	
②NW161	**Total Lead**				
	Lead (Pb)	0.003	(± 0.003) mg/l	0.001	
②NW163	**Total Magnesium**				
	Magnesium (Mg)	0.6	(± 0.1) 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	
②NW167	**Total Nickel**				
	Nickel (Ni)	0.002	(± 0.003) mg/l	0.001	
②NW171	**Total Sodium**				
	Sodium (Na)	1.2	(± 0.1) mg/l	0.1	
②NW195	**pH (Tested beyond 15 minute APHA holding time)**				
	pH	7.2	(± 0.2)	0.1	
②NW331	**Colour**				
	Colour	<5	Colour unit	5	
ZMQTM	**Enumeration of Escherichia coli and Total Coliforms by Membrane Filtration**				
	Escherichia coli	<1	cfu/100 ml	1	
	Total Coliforms	<1	cfu/100 ml	1	

LIST OF METHODS

NW003 **Total Alkalinity:** APHA 24th Edition 2320 B

NW007 **Chloride:** APHA 24th Edition 4110 B

NW010 **Nitrate-N:** APHA 24th Edition 4110 B

NW011 **Sulphate:** APHA 24th Edition 4110 B

NW030 **Total Hardness:** APHA 24th Edition 2340 B

NW148 **Total Antimony:** APHA 24th Edition 3125 B mod.

NW149 **Total Arsenic:** APHA 24th Edition 3125 B mod.

NW150 **Total Barium:** APHA 24th Edition 3125 B mod.

NW154 **Total Cadmium:** APHA 24th Edition 3125 B mod.

NW156 **Total Calcium:** APHA 24th Edition 3125 B mod.

NW157 **Total Chromium:** APHA 24th Edition 3125 B mod.

NW159 **Total Copper:** APHA 24th Edition 3125 B mod.

NW160 **Total Iron:** APHA 24th Edition 3125 B mod.

NW161 **Total Lead:** APHA 24th Edition 3125 B mod.

NW163 **Total Magnesium:** APHA 24th Edition 3125 B mod.

NW164 **Total Manganese:** APHA 24th Edition 3125 B mod.

NW165 **Total Mercury:** APHA 24th Edition 3125 B mod.

NW167 **Total Nickel:** APHA 24th Edition 3125 B mod.

NW171 **Total Sodium:** APHA 24th Edition 3125 B mod.

NW195 **pH (Tested beyond 15 minute APHA holding time):** APHA 24th Edition 4500-H B

NW331 **Colour:** APHA 24th Edition 2120 C

ZMQTM **Escherichia coli-Total Coliforms E [QNT] <1 >80 cfu/100 ml (0) Ml Agar-F:** SMEWW 9222K; APHA 24th Edition

EXPLANATORY NOTE

①Test is not accredited
②Test is subcontracted within Eurofins group and is accredited
③Test is subcontracted within Eurofins group and is not accredited
④Test is subcontracted outside Eurofins group and is accredited
⑤Test is subcontracted outside Eurofins group and is not accredited
⑥Test result is provided by the customer and is not accredited
⑦Tested at the sampling point by Eurofins and is not accredited
⑧Tested at the sampling point by Eurofins and is accredited
⑨Test is RLP accredited
⑩Test 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

This report applies exclusively to the samples provided by the Customer and does not represent the entire lot or batch from which the samples were drawn.
This document may only be reproduced in full. Partial reproduction is not permitted without prior written approval from Eurofins.
Tests are identified by a unique five-digit code; detailed descriptions are available upon request. Accreditation applies only to the specific tests listed in this report and does not extend to comments, interpretations, or graphical representations.
Eurofins may subcontract part or all of the services to an approved third party. The Customer authorises the release of all necessary information for this purpose.
All samples become the property of Eurofins to the extent necessary for service delivery. Eurofins is not obliged to store samples and may dispose of them after analysis unless storage has been agreed upon in writing. If storage is arranged, Eurofins will take commercially reasonable steps to maintain samples for the agreed period.
The Customer is solely responsible for the sampling process and warrants that samples provided are representative of the lot or batch. Eurofins accepts no liability regarding the Customer's production process or sample homogeneity. Where Eurofins provides sampling services, IANZ-approved methodologies and/or best practices are used; however, Eurofins shall not be liable if the collected sample is not representative of the source or if the Customer's instructions to Eurofins are followed and require testing of part of the sample only or testing of a certain type.
Services are provided using current technology and standard methods applied by Eurofins. Eurofins exercises reasonable care in performing services but does not guarantee fitness for any specific purpose.
This report is based on information, documents, and/or samples provided by or on behalf of the Customer and is intended solely for the Customer's use. It is the responsibility of the Customer to advise any person to whom the Customer provides this report that Eurofins has no liability to that person for their reliance on this report. Eurofins, its employees, agents, or subcontractors shall not be liable for actions taken based on this report or for incorrect results arising from unclear, erroneous, incomplete, or misleading information provided by the Customer. Eurofins shall have no liability for indirect or consequential losses, including but not limited to loss of production, contracts, profits, business interruption, goodwill, or product recall costs. Eurofins General Terms and Conditions apply.
Unless otherwise stated, all tests (except subcontracted tests) are performed at Unit 1/74 Glenda Drive, Frankton, Queenstown.

END OF REPORT