ANALYTICAL REPORT

REPORT CODE	AR-26-NC-023683-01	REPORT DATE	15/07/2026

Contact for your orders:		**Order code:**	EUNZCH-00261147
Contract:	Drinking Water		
Submission Reference:	Veolia QT-Source-Physicochemical	**Purchase Order Number:**	7300601954

SAMPLE CODE	817-2026-00063279
Product:	Raw water
Limits:	

Sampling Point code:	NC0001572008	**Sampling Point name:**	Lake Hayes Water Bore, G00312
Reception Date & Time:	09/07/2026 15:39	**Reception temperature:**	1.7 °C
Analysis Started on:	09/07/2026	**Analysis Ending Date:**	15/07/2026
Product Type	Raw water	**Sampled Date & Time**	09/07/2026 09:49
Sampler(s)		**Sampling Purpose**	Monitoring
Sampled By Eurofins	Yes		

		RESULTS (UNCERTAINTY)		LOQ	SPECIFICATIONS
②NW003	**Total Alkalinity**				
	Alkalinity total	75	(± 8) mg CaCO3/l	1	
②NW007	**Chloride**				
	Chloride (Cl)	2.81	(± 0.28) mg/l	0.02	
②NW010	**Nitrate-N**				
	Nitrate-N	1.23	(± 0.12) mg/l	0.01	
②NW011	**Sulphate**				
	Sulphate	11.9	(± 1.19) mg/l	0.02	
②NW030	**Total Hardness**				
	Hardness	89	(± 9) 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)	30.9	(± 3.1) 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)	0.002	(± 0.003) mg/l	0.002	
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	
②NW163	**Total Magnesium**				
	Magnesium (Mg)	2.9	(± 0.3) 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)	<0.001	mg/l	0.001	
②NW171	**Total Sodium**				
	Sodium (Na)	4.0	(± 0.4) mg/l	0.1	
②NW195	**pH (Tested beyond 15 minute APHA holding time)**				
	pH	6.9	(± 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

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Unless otherwise stated, all tests (except subcontracted tests) are performed at Unit 1/74 Glenda Drive, Frankton, Queenstown.

END OF REPORT