

Water Quality Report: Timaru City (TIM001)

Period: 2026, Quarter 3 - From 01/07/2026 to 30/09/2026

Period Results for Timaru City (TIM001) Components

Water Supply	Timaru City (TIM001)	Results
Source Water	Opihi Bore (G00203)	
	Sampling for Chemical Compliance	Complies
	Monitoring for Cyanobacteria	Complies
Source Water	Pareora River (S00200)	
	Sampling for Chemical Compliance	Complies
	Monitoring for Cyanobacteria	Complies
Treatment Plant	Claremont (TP00303)	
	Sampling for Chemical Compliance	Complies
	pH Range of Treated Water	Complies
Distribution	Hadlow (HAD001HA)	
	Sampling for Chemical Compliance	Complies
	Sampling for Microbiological Compliance	Complies
	Residual Disinfection (Free Available Chlorine within Network)	Complies
Distribution	Gleniti (TIM001GL)	
	Sampling for Chemical Compliance	Complies
	Sampling for Microbiological Compliance	Complies
	Residual Disinfection (Free Available Chlorine within Network)	Complies
Distribution	Timaru (TIM001TI)	
	Sampling for Chemical Compliance	Complies
	Sampling for Microbiological Compliance	Non-Complies ¹
	Residual Disinfection (Free Available Chlorine within Network)	Complies

¹ A technical non-compliance was recorded for Timaru Distribution Zone due to one missed sample which resulted not meeting the required frequency of sampling & exceeding the minimum interval between samplings. However, drinking water safety was maintained, with compliant chlorine residuals throughout the extended sampling period.

Latest Source Water Composition Information

Source - Opihi Bore (G00203) Water Composition:

Lab #	Date	Chemical	Unit	Result	MAV %
4015908	22/10/2025	Langelier Saturation Index		-2.3	-
4015908	22/10/2025	Sample Temperature	°C	20.0	-
4131174	11/03/2026	Dissolved Calcium	g/m ³	12.0	-
4015908	22/10/2025	Turbidity	NTU	0.09	-
4026483	05/11/2025	pH	pH Units	6.7	-
4131174	11/03/2026	Total Alkalinity	g/m ³ as CaCO ₃	39	-
4015908	22/10/2025	Free Carbon Dioxide	g/m ³ at 25°C	15.5	-
4026483	05/11/2025	Total Hardness	g/m ³ as CaCO ₃	32	-
4026483	05/11/2025	Electrical Conductivity (EC)	mS/m	9.4	-
4015908	22/10/2025	Approx Total Dissolved Salts	g/m ³	65	-
4131174	11/03/2026	Total Arsenic	g/m ³	<0.0010	0%
4015908	22/10/2025	Total Boron	g/m ³	<0.053	0%
4015908	22/10/2025	Total Calcium	g/m ³	10.3	-
4131174	11/03/2026	Total Copper	g/m ³	0.164	8.2%
4312241	09/09/2026	Total Iron	g/m ³	0.02	-
4312241	09/09/2026	Total Lead	g/m ³	0.00141	14.1%
4015908	22/10/2025	Total Magnesium	g/m ³	1.80	-
4312241	09/09/2026	Total Manganese	g/m ³	0.0146	3.6%
4015908	22/10/2025	Total Potassium	g/m ³	1.43	-
4015908	22/10/2025	Total Sodium	g/m ³	4.8	-
4026483	05/11/2025	Total Zinc	g/m ³	0.026	-
4131174	11/03/2026	Chloride	g/m ³	2.2	-
4312241	09/09/2026	Nitrate-N	g/m ³	1.39	12.3%
4131174	11/03/2026	Sulphate	g/m ³	4.2	-

Note: This data shows only the Nitrate-N (NO₃-N) result, not Nitrate (NO₃).

Source - Pareora River (S00200) Water Composition:

Lab #	Date	Chemical	Unit	Result	MAV %
4015908	22/10/2025	Langelier Saturation Index		-1.1	-
4015908	22/10/2025	Sample Temperature	°C	20.0	-
4131174	11/03/2026	Dissolved Calcium	g/m ³	9.0	-
4015908	22/10/2025	Turbidity	NTU	0.14	-
4026483	05/11/2025	pH	pH Units	7.6	-
4131174	11/03/2026	Total Alkalinity	g/m ³ as CaCO ₃	35	-
4015908	22/10/2025	Free Carbon Dioxide	g/m ³ at 25°C	1.9	-
4026483	05/11/2025	Total Hardness	g/m ³ as CaCO ₃	28	-
4026483	05/11/2025	Electrical Conductivity (EC)	mS/m	7.4	-
4015908	22/10/2025	Approx Total Dissolved Salts	g/m ³	58	-
4131174	11/03/2026	Total Arsenic	g/m ³	<0.0010	0%
4015908	22/10/2025	Total Boron	g/m ³	<0.053	0%
4015908	22/10/2025	Total Calcium	g/m ³	9.6	-
4131174	11/03/2026	Total Copper	g/m ³	0.0115	0.6%
4312241	09/09/2026	Total Iron	g/m ³	0.02	-
4131174	11/03/2026	Total Lead	g/m ³	0.00053	5.3%
4015908	22/10/2025	Total Magnesium	g/m ³	2.2	-
4312241	09/09/2026	Total Manganese	g/m ³	0.0012	0.3%
4015908	22/10/2025	Total Potassium	g/m ³	0.43	-
4015908	22/10/2025	Total Sodium	g/m ³	4.3	-
4026483	05/11/2025	Total Zinc	g/m ³	0.0052	-
4131174	11/03/2026	Chloride	g/m ³	1.7	-
4312241	09/09/2026	Nitrate-N	g/m ³	0.058	0.5%
4131174	11/03/2026	Sulphate	g/m ³	1.2	-

Note: This data shows only the Nitrate-N (NO₃-N) result, not Nitrate (NO₃).