

Water Quality Report: Downlands (DOW001)

Period: 2026, Quarter 1 - From 01/01/2026 to 31/03/2026

Period Results for Downlands (DOW001) Components

Water Supply	Downlands (DOW001)	Results
Source Water	Te Ngawai River (S00204)	
	Sampling for Chemical Compliance	Complies
	Monitoring for Cyanobacteria	Complies
Treatment Plant	Te Ana Wai (TP100215)	
	Sampling for Chemical Compliance	Complies
	pH Range of Treated Water	Complies
Distribution	Sutherlands/Taiko (DOW001ST)	
	Sampling for Chemical Compliance	Complies
	Sampling for Microbiological Compliance	Complies
	Residual Disinfection (Free Available Chlorine within Network)	Complies
Distribution	Waimate Rural (DOW001WR)	
	Sampling for Chemical Compliance	Complies
	Sampling for Microbiological Compliance	Complies
	Residual Disinfection (Free Available Chlorine within Network)	Complies
Distribution	Waitohi/Totara Valley (DOW001WT)	
	Sampling for Chemical Compliance	Complies
	Sampling for Microbiological Compliance	Complies
	Residual Disinfection (Free Available Chlorine within Network)	Complies

Latest Source Water Composition Information

Source - Te Ngawai River (S00204) Water Composition:

Lab #	Date	Chemical	Unit	Result	MAV %
4015908	22/10/2025	Langelier Saturation Index		-0.8	-
4015908	22/10/2025	Sample Temperature	°C	20.0	-
4131174	11/03/2026	Dissolved Calcium	g/m ³	11.9	-
4015908	22/10/2025	Turbidity	NTU	0.14	-
4026483	05/11/2025	pH	pH Units	7.3	-
4131174	11/03/2026	Total Alkalinity	g/m ³ as CaCO ₃	42	-
4015908	22/10/2025	Free Carbon Dioxide	g/m ³ at 25°C	1.6	-
4026483	05/11/2025	Total Hardness	g/m ³ as CaCO ₃	37	-
4026483	05/11/2025	Electrical Conductivity (EC)	mS/m	9.8	-
4015908	22/10/2025	Approx Total Dissolved Salts	g/m ³	72	-
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	12.4	-
4131174	11/03/2026	Total Copper	g/m ³	0.056	2.8%
4206360	06/05/2026	Total Iron	g/m ³	<0.02	-
4131174	11/03/2026	Total Lead	g/m ³	<0.00010	0%
4015908	22/10/2025	Total Magnesium	g/m ³	2.2	-
4206360	06/05/2026	Total Manganese	g/m ³	<0.0005	0%
4015908	22/10/2025	Total Potassium	g/m ³	0.68	-
4015908	22/10/2025	Total Sodium	g/m ³	5.7	-
4026483	05/11/2025	Total Zinc	g/m ³	0.0128	-
4131174	11/03/2026	Chloride	g/m ³	2.4	-
4206360	06/05/2026	Nitrate-N	g/m ³	0.106	0.9%
4131174	11/03/2026	Sulphate	g/m ³	3.1	-

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