

E. coli monitoring

Shotover & Kawarau Rivers

Shotover WWTP E. coli results									
Parameter		E. coli							
Unit		MPN/100mL							
Location		EFF	RS15	RS04 B	RS16	RS06 B	RS09	RS11	RS10
		Final discharge from Shotover WWTP	End of drainage trench	Shotover River upstream of discharge to provide baseline water quality	Shotover River immediately downstream from discharge channel	Shotover River 50m downstream of discharge	Shotover River 300m downstream of discharge site	Kawarau River upstream of confluence	Kawarau River downstream of confluence
Date	1 July 2025	15	65.9	6.4	*	13.7	9.9	9.9	6.4

Results at the start of July show low E. coli results from the majority of the Shotover and Kawarau River testing sample sites.

*RS16 could not be sampled on Tuesday 1 July as safe access was unavailable due to high river flows.

Looking for more data?

You'll find historical data on Shotover Wastewater Treatment Plant and the latest testing results for the facility's discharge consent at

www.qldc.govt.nz/shotover-wwtp-water-quality

Why we test for E. coli

E. coli is a type of bacteria commonly found in the intestines of warm-blooded animals, including people. They're a useful indicator of whether bacteria, viruses, or protozoa (single-celled parasites, like cryptosporidium and giardia) that can make people sick are present in soil and freshwater.

More information on acceptable E. coli amounts in swimming water is available on the Land Air Water Aotearoa (LAWA) website at www.lawa.org.nz

Water quality sampling locations

Shotover & Kawarau Rivers

