

E. coli monitoring

Shotover & Kawarau Rivers

Shotover WWTP E. coli results									
Parameter		E. coli							
Unit		MPN/100mL							
Location		EFF Final discharge from Shotover WWTP	RS15 End of drainage trench	RS04 B Shotover River upstream of discharge to provide baseline water quality	RS16 Shotover River immediately downstream from discharge channel	RS06 B Shotover River 50m downstream of discharge	RS09 Shotover River 300m downstream of discharge site	RS11 Kawarau River upstream of confluence	RS10 Kawarau River downstream of confluence
Date	6 May 2025	<10	57.6	4.1	86.5	7.5	13.5	28.1	6.3
	14 May 2025	<10	40	4	*	5	7	6	5
	21 May 2025	14	25	1	7	1	1	2	1
	28 May 2025	<10	13	2	25	3	6	2	5

QLDC is endeavouring to release the river water sampling results every 2 weeks for the foreseeable future. The treatment plant consent compliance results showing all sampling results will also be posted monthly when they become available. The latest results in the second half of the month show consistently low E. coli results from the Shotover and Kawarau receiving environment.

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

We undertake water sampling and testing at Shotover Wastewater Treatment Plant at daily, weekly, and monthly frequencies. Water sampling and testing in Shotover and Kawarau rivers occurs weekly and monthly.

*RS16 was not sampled as safe access was unavailable.

Water quality sampling locations

Shotover & Kawarau Rivers

