

E. coli monitoring

Shotover & Kawarau Rivers

Shotover WWTP E. coli results									
Parameter		E. coli							
Unit		CFU/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	3 June 2025	<10	28	1	3	2	3	5	1
	12 June 2025	<10	33	15	190	13	12	9	7

The latest results in the first half of June show low E. coli results from the majority of the Shotover and Kawarau River testing sample sites. One exception is observable on 12 June immediately downstream of the discharge site (RS16). Treated effluent coming from the treatment plant had a reading of less than 10 CFU/100mL at the time.

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

