

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									
	16 Apr 2025	<10	18	19	17	11	15	19	24
	23 Apr 2025	12	14	5	6	8	14	9	5
	30 Apr 2025	14	170	9	54	20	20	22	13

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 post treatment plant and river water sampling shown in the table above, indicates that the E. coli levels are now very low after the flushing and recent rain events.

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.

Water quality sampling locations

Shotover & Kawarau Rivers

