

E. coli monitoring

Shotover & Kawarau Rivers

Shotover WWTP E. coli results									
Parameter		E. coli							
Unit		Per 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	4 September	45	210	<1	58	25	48	<1	1
	11 September	42	80	<1	24	17	16	2	<1
	19 September	220	320	6	*	12	38	5	6
	25 September	170	150	16	*	20	37	*	18
	30 September	260	250	1	*	19	14	<1	2

*RS11 and RS16 were unable to be sampled at times in September 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

