



Chichester Raw Water Quality Data - April 2022

Chichester Raw Water is not suitable for drinking.

Chichester Raw Water is treated at Dungog Water Treatment Plant (WTP) before supplying treated drinking water to customers.

Turbidity, E. coli and Chlorine Results for Chichester Raw Water at Dusodie#

Analyte	Unit	ADWG guideline value*	Sample Date			
			4/04/2022	13/04/2022	19/04/2022	26/04/2022
E. coli	MPN/100mL	should not be detected in 100mL	X	X	X	X
Turbidity	NTU	5	18	18.4	9.43	8.46
Chlorine	mg/L	5	0.02	0.01	0.02	0.00

Samples are collected from Chichester Trunk Gravity Main (CTGM) at Dusodie prior to treatment by Dungog WTP.

* Australian Drinking Water Guidelines 2011 (ADWG) guideline values are applicable to drinking water samples

X sample point not available

Potentially Toxic Blue Green Algae Results for Chichester Raw Water at Dam Offtake Screens^

Potentially Toxic Blue Green Algae	Unit	ADWG Alert Levels	Sample Date			
			4/04/2022	11/04/2022	18/04/2022	26/04/2022
Dolichospermum	cells/mL	20,000	0	0	0	0
Microcystis	cells/mL	6,500	0	0	5	0

^ Samples are collected from Chichester Screens prior to treatment by Dungog WTP.

Protozoa Results for Chichester Raw Water at Dam Offtake Screens**

Protozoa	Unit	Sample Date		
		1/04/2022	7/04/2022	11/04/2022
Cryptosporidium	Oocysts/L	<0.1	<0.1	<0.1
Giardia	Cysts/L	0.2	<0.1	<0.1

** Samples are collected from Chichester Screens prior to treatment by Dungog WTP