



## Chichester Raw Water Quality Data - January 2021

### 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 (week beginning)			
			4/01/2021	11/01/2021	18/01/2021	25/01/2021
E. coli	MPN/100mL	should not be detected in 100mL	<1	<1	<1	<1
Turbidity	NTU	5	3.1	9.36	6.16	4.43
Chlorine	mg/L	5	1.07	1.3	1.09	0.68

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

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

#### 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 (week beginning)			
			4/01/2021	11/01/2021	18/01/2021	25/01/2021
Dolichospermum	cells/mL	20,000	0	0	0	50
Microcystis	cells/mL	6,500	60	120	0	120

^ 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 (week beginning)	
		7/01/2021	
Cryptosporidium	Oocysts/10L	NA	
Giardia	Cysts/10L	NA	

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