



## Chichester Raw Water Quality Data - December 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)				
			6/12/2021	13/12/2021	20/12/2021	27/12/2021	29/12/2021
E. coli	MPN/100mL	should not be detected in 100mL	10	192	13	NA	6
Turbidity	NTU	5	15.3	23.8	16.38	12.20	NA
Chlorine	mg/L	5	0.00	0.04	0.02	0.04	NA

# 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)				
			6/12/2021	13/12/2021	20/12/2021	27/12/2021	
Dolichospermum	cells/mL	20,000	0	0	0	0	
Microcystis	cells/mL	6,500	0	0	0	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 (week beginning)	
		30/12/2021	
Cryptosporidium	Oocysts/10L	<1	
Giardia	Cysts/10L	<1	

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