



## Chichester Raw Water Quality Data - August 2019

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)			
			5/08/2019	12/08/2019	19/08/2019	26/08/2019
E. coli	MPN/100mL	should not be detected in 100mL	<1	<1	<1	<1
Turbidity	NTU	5	3.15	3.45	5.78	5.10
Chlorine	mg/L	5	0.98	1.3	0.8	1.20

# 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)			
			6/08/2019	13/08/2019	20/08/2019	26/08/2019
Dolichospermum	cells/mL	20,000	35	0	0	0
Microcystis	cells/mL	6,500	80	0	60	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)	
		5/08/2019	
Cryptosporidium	Oocysts/10L	<1	
Giardia	Cysts/10L	<1	

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