



## Chichester Raw Water Quality Data - October 2018 (Partial)

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)			
			1/10/2018	8/10/2018		
E. coli	MPN/100mL	should not be detected in 100mL	NA	<1		
Turbidity	NTU	5	2.98	10.5		
Chlorine	mg/L	5	0.87	0.81		

# 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 Screens^

Potentially Toxic Blue Green Algae	Unit	ADWG Alert Levels	Sample Date (week beginning)			
			2/10/2018	4/10/2018	9/10/2018	
Dolichospermum	cells/mL	20,000	230	220	280	
Microcystis	cells/mL	6,500	0	0	0	

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

### Protozoa Results for Chichester Dam Screens \*\*

Protozoa	Unit	Sample Date (week beginning)	
		10/10/2018	
Cryptosporidium	Oocysts/10L	NA	
Giardia	Cysts/10L	1	

\*\* Samples were collected from Chichester Dam Screens. Robust treatment processes are in place at Dungog WTP for removal of cryptosporidium and giardia.