



## Chichester Raw Water Quality Data - November 2018

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)			
			5/11/2018	12/11/2018	19/11/2018	26/11/2018
E. coli	MPN/100mL	should not be detected in 100mL	<1	<1	<1	<1
Turbidity	NTU	5	4.07	3.55	3.23	2.76
Chlorine	mg/L	5	0.98	0.54	1.09	1.32

# 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)			
			6/11/2018	13/11/2018	20/11/2018	27/11/2018
Dolichospermum	cells/mL	20,000	65	140	205	130
Microcystis	cells/mL	6,500	10	40	0	0

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

### Protozoa Results for Chichester Raw Water at Dungog WTP\*\*

Protozoa	Unit	Sample Date (week beginning)	
		6/11/2018	
Cryptosporidium	Oocysts/10L	<1	
Giardia	Cysts/10L	<1	

\*\* Samples are collected from CTGM at Dungog WTP prior to treatment by Dungog WTP. Robust treatment processes are in place at Dungog WTP for removal of cryptosporidium and giardia.