



## Chichester Raw Water Quality Data - November 2017

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)			
			6/11/2017	13/11/2017	20/11/2017	27/11/2017
E. coli	MPN/100mL	should not be detected in 100mL	<1	<1	<1	<1
Turbidity	NTU	5	3	2.6	2.8	2.4
Chlorine	mg/L	5	0.91	0.73	0.75	0.16

# 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)			
			7/11/2017	14/11/2017	21/11/2017	28/11/2017
Dolichospermum	cells/mL	20,000	50	0	45	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 Dungog WTP\*\*

Protozoa	Unit	Sample Date (week beginning)	
		6/11/2017	
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.