



## Chichester Raw Water Quality Data - April 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)				
			1/04/2019	8/04/2019	15/04/2019	22/04/2019	29/04/2019
E. coli	MPN/100mL	should not be detected in 100mL	<1	<1	<1	<1	<1
Turbidity	NTU	5	5.5	3.6	3.46	3.51	3.2
Chlorine	mg/L	5	1.21	1.1	0.67	1.16	1.3

# 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)				
			2/04/2019	4/04/2019	9/04/2019	16/04/2019	23/04/2019
Dolichospermum	cells/mL	20,000	0	0	0	0	0
Microcystis	cells/mL	6,500	15	245	35	20	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)	
		1/04/2019	
Cryptosporidium	Oocysts/10L	<1	
Giardia	Cysts/10L	<1	

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