



Quarterly summary of drinking water quality January – March 2025

Central Coast Council maintains a water quality monitoring program to ensure that the water provided to our customers complies with the guideline limits specified in the *Australian Drinking Water Quality Guidelines*.

Our drinking water is chlorinated to ensure that the water is free of organisms that may cause illness. Counts of *E. coli* bacteria present in drinking water is the water industry standard measure to indicate that these disease-causing organisms are unlikely to be present.

Parameter	Unit of Measure	ADWG health guideline value	Number of samples for quarter	Average for quarter	Maximum for quarter	Number of samples for previous 12 months	Average for previous 12 months	Maximum for previous 12 months
<i>E. coli</i>	mpn/100 mL	<1	192	<1	<1	803	<1	<1
Free chlorine	mg/L	-	223	1.03	3.20	851	1.17	3.20
Total chlorine	mg/L	5	223	1.26	3.70	851	1.38	3.70

A range of chemical parameters are monitored that may cause health impacts in the long term if present in drinking water at high concentrations. Examples of those likely to be present in our drinking water are:

Parameter	Unit of Measure	ADWG health guideline value	Number of samples for quarter	Average for quarter	Maximum for quarter	Number of samples for previous 12 months	Average for previous 12 months	Maximum for previous 12 months
Copper	mg/L	2	6	0.022	0.070	24	0.019	0.070
Lead	mg/L	0.01	6	0.0009	0.0026	24	0.0006	0.0026
Manganese	mg/L	0.5	6	0.0095	0.023	24	0.010	0.044
Fluoride	mg/L	1.5	6	0.75	0.99	24	0.77	1.15
Trihalomethanes	µg/L	250	48	144	195	208	123	243

Parameters that indicate that drinking water taste or appearance (or 'aesthetics') is acceptable include:

Parameter	Unit of Measure	ADWG aesthetic guideline value	Number of samples for quarter	Average for quarter	Maximum for quarter	Number of samples for previous 12 months	Average for previous 12 months	Maximum for previous 12 months
pH	pH units	6.5 – 8.5	223	7.5	8.4	851	7.7	8.4
Turbidity	NTU	5.0	224	0.54	4.1	852	0.57	4.5
True Colour	Hazen units	15	6	0.8	1	24	1	2
Total Hardness	mg/L as CaCO ₃	200	6	47	60	24	48	61
Total Dissolved Solids	mg/L	600	6	122	134	24	125	165
Aluminium	mg/L	0.2	6	0.06	0.09	24	0.05	0.20
Zinc	mg/L	3	6	0.02	0.04	24	0.02	0.05

Quarterly PFAS compound monitoring of drinking water commenced in 2024. Results of PFAS compounds with ADWG guideline values specified are:

Parameter	Unit of Measure	ADWG health guideline value	Number of samples for quarter	Average for quarter	Maximum for quarter	Number of samples for previous 12 months	Average for previous 12 months	Maximum for previous 12 months
PFOS + PFHxS	µg/L	0.07	4	<0.002	<0.002	23	<0.002	<0.002
PFOA	µg/L	0.56	4	<0.001	<0.001	23	<0.001	<0.001