

2026 REPORT CARD

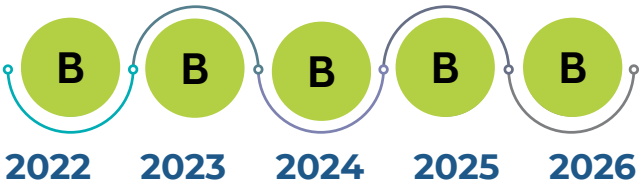
WATER QUALITY

Gladstone Healthy Harbour Partnership

What is water and water quality?

Water in estuaries like Gladstone Harbour supports countless marine species such as fish, dugongs and turtles, and is vital for the health of the entire ecosystem.

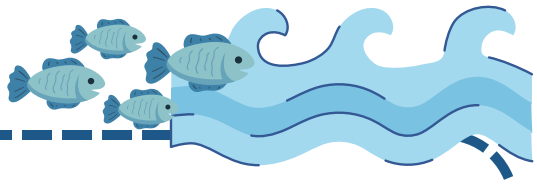
Water quality refers to the physicochemical, chemical, and biological characteristics of the water, such as pH, turbidity, nutrients, and dissolved metals.



The overall harbour score for Water quality in the 2026 Report Card was 0.78 resulting in a Good (B) grade.

Out of the 13 reporting zones, four received Very Good (A) grades, while the remaining nine were graded Good (B).

GHHP thanks PCIMP and its members for the contribution of data from their monitoring program.



How is it measured?

Water quality monitoring in Gladstone Harbour is carried out by the **Port Curtis Integrated Monitoring Program (PCIMP).** The data is collected from 51 sites across 13 harbour zones during August and November 2025, and March and June 2026. Eleven water quality parameters are assessed: two physicochemical measures, three nutrient measures and six dissolved metals.

Water Quality Objectives and guideline values are provided by the DEHP Water Quality Objectives for the Capricorn Curtis Coast for pH, turbidity and nutrients, the ANZG (2018) for metals (except aluminium), and Golding et al. (2014) for aluminium in marine waters.

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