



Gladstone
Healthy Harbour
Partnership

ENVIRONMENT



FIVE FAST FACTS

1. The Environmental component is composed of three indicator groups, water & sediment quality, habitats and fish & crabs.
2. **NINE** indicators are used to calculate the scores for three indicator groups.
3. The Environmental grade was **GOOD** in 2021.
4. The Environmental score (0.68) was the highest score recorded for this component since the first report card in 2015.
5. The addition of the fish health indicator in 2019 completed the community vision of the report card.

ENVIRONMENTAL GRADES

2020	2021	Grading system
B	B	A Very good (0.85 - 1.00)
		B Good (0.65 - 0.84)
		C Satisfactory (0.50 - 0.64)
		D Poor (0.25 - 0.49)
		E Very poor (0.00 - 0.24)

WHAT DO THE GRADES MEAN?

The overall Environmental grade in 2021 was a B. This was the second consecutive year this grade was achieved.

1. **Water & sediment quality** — **IMPROVED** although the grade remained the same (A). This was a result from an increase in the water quality score owing to improved nutrient scores when compared to 2020.
2. **Habitats** — while the score was similar to 2020 the overall grade changed from a C to D in 2021 D. This change was a result of a lower score for coral.
3. **Fish & crabs** — **IMPROVED** compared to 2020 Fish health received a good grade (B) for the third consecutive year and fish recruitment remained satisfactory. The mud crabs grade has not changed since 2018 and remains poor (D).

From 2020 onwards not all Environmental indicators will be measured in all years. Mangroves were not monitored in 2020 and the 2019 results were used to calculate the overall Environmental score.

CLIMATE

Similar to the previous year, between July 2020 and June 2021, the climate was characterized by lower-than-average rainfall and minimal discharge from the Boyne and Calliope rivers.

The dry and relatively mild weather may have influenced changes in scores for nutrients in water, seagrass and fish.

ENVIRONMENTAL GRADES

2019	2020	
A	A	WATER & SEDIMENT
D	C	HABITATS
D	C	FISH & CRABS