

## How do we monitor water quality?

Monitoring water quality is an important process that needs to take place to set a baseline of information before building of the Coffs Harbour bypass starts.

We have been monitoring surface water sites a couple of times a month since December 2019.

The monitoring locations are typically done in pairs, one upstream and one downstream of the bypass alignment, allowing us to compare any differences and to work out how much each water quality samples vary for existing conditions.

The data collected will also be used to set site-specific trigger values and methods for stormwater release from the project site during construction and operation. Any deviations from the baseline are a trigger for the project to investigate the cause and implement management measures if the issue is as a result of construction activities.

The overall objective is to ensure the bypass construction does not negatively impact on the Solitary Islands Marine Park, protected wetlands, threatened species habitat and endangered ecological communities.

Water quality reports will be made available on the project website.



We are safeguarding water receiving areas such as Solitary Islands Marine Park.