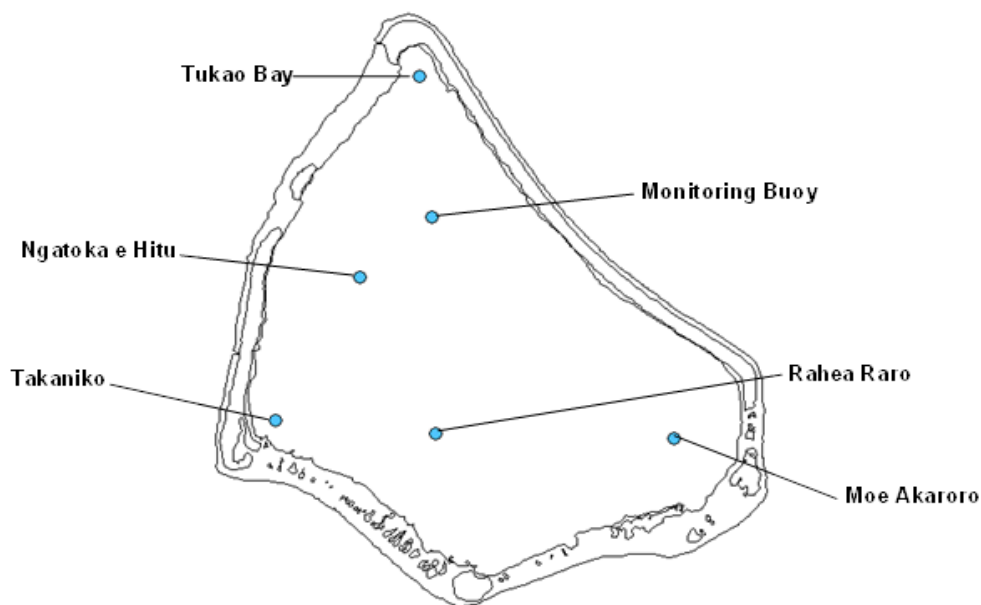




Grading scale

A	Excellent
B	Very Good
C	Good
D	Poor
E	Very Poor
F	Extremely Poor
-	No data

Site	Vibrio Bacteria	Enterococci Bacteria
Takaniko	A	A
Rahea Raro	A	A
Moe Akaroro	A	B
Ngatoka e Hitu	B	B
Monitoring Buoy	B	B
Tukao Bay	A	A

Site	Water Clarity	Oxygen
Takaniko	A	-
Rahea Raro	A	-
Moe Akaroro	A	-
Ngatoka e Hitu	A	-
Monitoring Buoy	A	-
Tukao Bay	A	-

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Summary of Results: Based on the data collected, water quality in the lagoon appears healthy. Bacteria counts for both species monitored were Excellent or Very Good throughout all sites. Enterococci bacteria counts, which are an indicator of human and pig faecal matter, were slightly higher than last week at three sites but still no cause for concern. Water clarity, measured using the secchi disk, is slightly lower than last week but still Excellent at all sites. No Data was collected for Dissolved Oxygen levels due to equipment malfunctioning. Water temperatures at 3 metres averaged 29.2 degrees Celcius and were similar at all sites. Salinity averaged 33.73 and PH ranged from 8.06 – 8.1, both within normal ranges.

Ripoti-iti no te au vaitoanga: Meitaki te turanga o to tatou tai i roto i to tatou tai roto i teia epetoma.

Te vaito o nga manumanu tei matauia i te vaito, koia oki te *Vibrio* e te *Enterococci*, tei raro te tare i te au ngahi katoatoa tei vaitoia. No reira e turanga meitaki teia. Ko te tare o te manumanu *Enterococci*, e manumanu teia no roto mai i te repo tangata e te puaka. Tei runga manga uake tona tare i to teia epetoma i topa ake nei. Ko teia au ngahi nei koia oki, ko Moe Akaroro, Ngatoka e Hitu, e te Monitoring Buoy. Kare ra teia au numero i te mea manamanata rava.

Te vaito o te mā o te tai i te au ngahi tei vaitoia ki te mereki (*secchi disk*), tei raro manga iti te tare i to teia epetoma i topa akenei, noatu ra te reira, mā te tai i te au ngahi katoatoa tei vaitoia.

Kare te ā'o ora (*oxygen*) i roto i te tai i te au ngahi tei matauia i te vaito i tare ia ana no te mea kua kinokino te apinga vaito.

Te vaito o te anu e te maana (*temperature*) o te tai roto i te au ngahi tei vaitoia e 3 metara te moraro, tei runga te reira i te 29.2 tikiriti i te au ngahi katoatoa tei vaitoia.

Te vaito o te kavakava (*salinity*) o te tai, tei runga te reira i te tare 33.73. Te vaito o te mangaro (*pH*) o te tai, tei roto te reira i te tare 8.06 ki te 8.1. E meaiti te tuke i roto i teia nga vaitoanga.

Global Climate Change Alliance: Pacific Small Island State Project – Cook Islands



Ministry of Marine Resources
GOVERNMENT OF THE COOK ISLANDS



SPC
Secretariat
of the Pacific
Community

