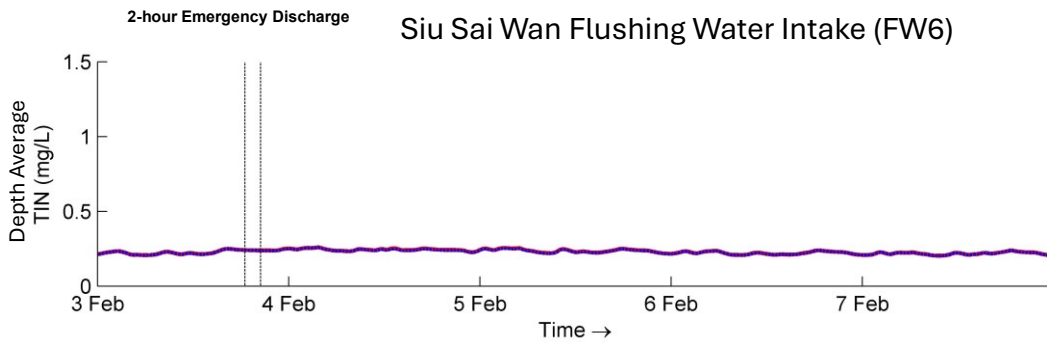


Appendix 5.11g

Operation Phase Water Quality Timeseries Plots - Total Inorganic Nitrogen

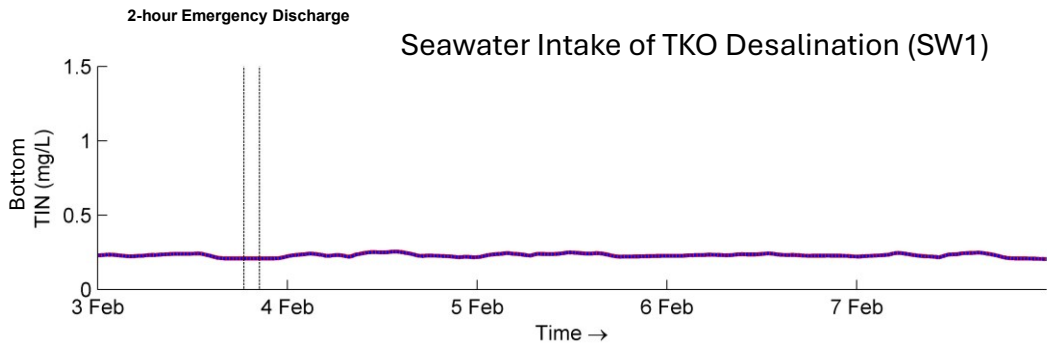
Appendix 5.11g Timeseries Plot for Total Inorganic Nitrogen

WSR	Assessment Layer	Season	Page & Location
FW6	Depth-Average	Dry	2 Top
SW1	Bottom	Dry	2 Upper
SW1	Mid-Depth	Dry	2 Lower
SW1	Depth-Average	Dry	2 Bottom
C6b	Bottom	Dry	3 Top
CR2	Bottom	Dry	3 Upper
C7	Bottom	Dry	3 Lower
C8	Bottom	Dry	3 Bottom
C19	Bottom	Dry	4 Top
C20	Bottom	Dry	4 Upper
F1	Depth-Average	Dry	4 Lower
B1	Depth-Average	Dry	4 Bottom
CW5	Depth-Average	Dry	5 Top
FW6	Depth-Average	Wet	6 Top
SW1	Bottom	Wet	6 Upper
SW1	Mid-Depth	Wet	6 Lower
SW1	Depth-Average	Wet	6 Bottom
C6b	Bottom	Wet	7 Top
CR2	Bottom	Wet	7 Upper
C7	Bottom	Wet	7 Lower
C8	Bottom	Wet	7 Bottom
C19	Bottom	Wet	8 Top
C20	Bottom	Wet	8 Upper
F1	Depth-Average	Wet	8 Lower
B1	Depth-Average	Wet	8 Bottom
CW5	Depth-Average	Wet	9 Top



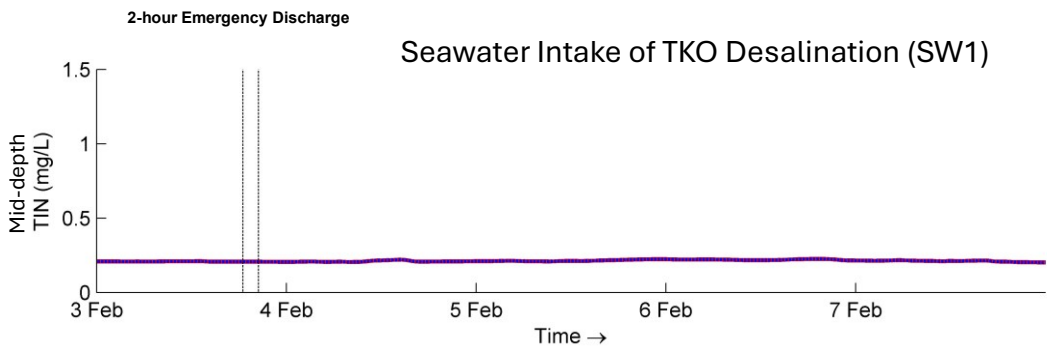
The red line is overlapped with the blue line and maybe not be seen clearly.

No WQO is available



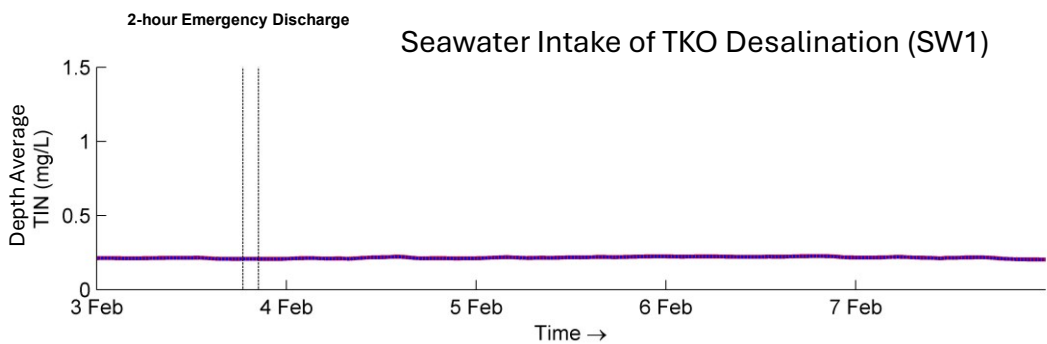
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.4 m/L for annual mean



The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.4 m/L for annual mean



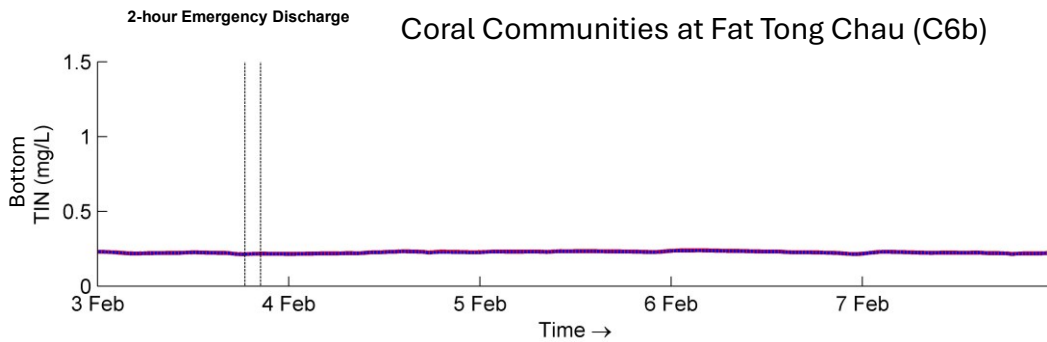
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.4 m/L for annual mean

Timeseries Plot for Total Inorganic Nitrogen
 Top: FW6 Depth-Average; Upper: SW1 Bottom;
 Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average
 Blue: Normal EPP Operation
 Red: "With 2-hour Emergency Discharge" Scenario

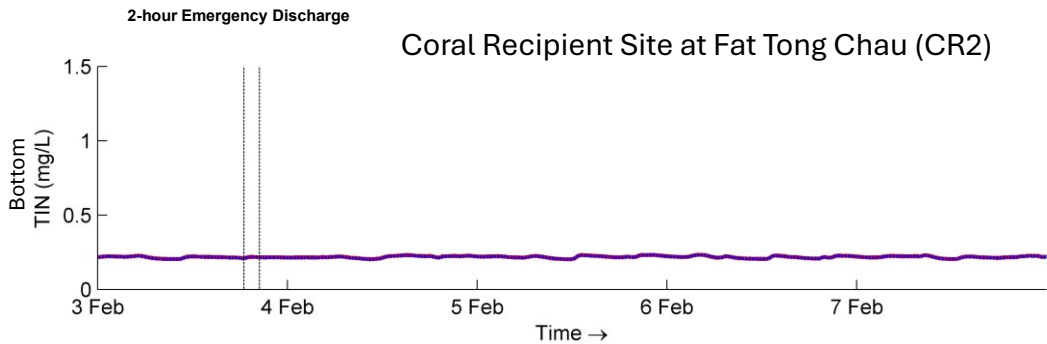
Dry

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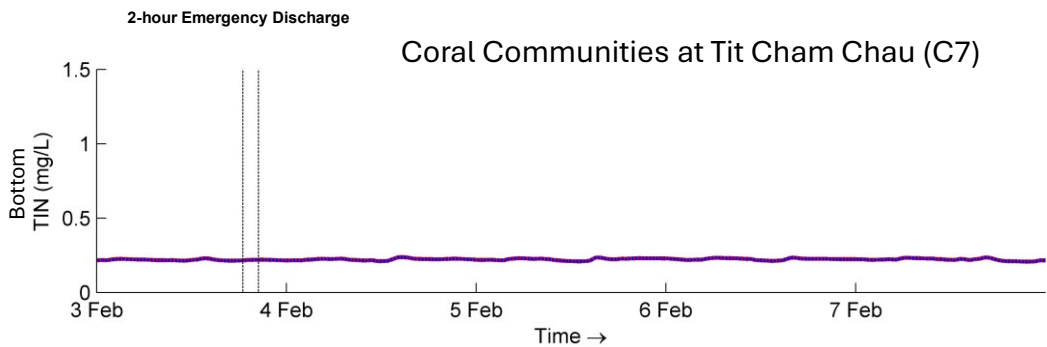
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.3 m/L for annual mean



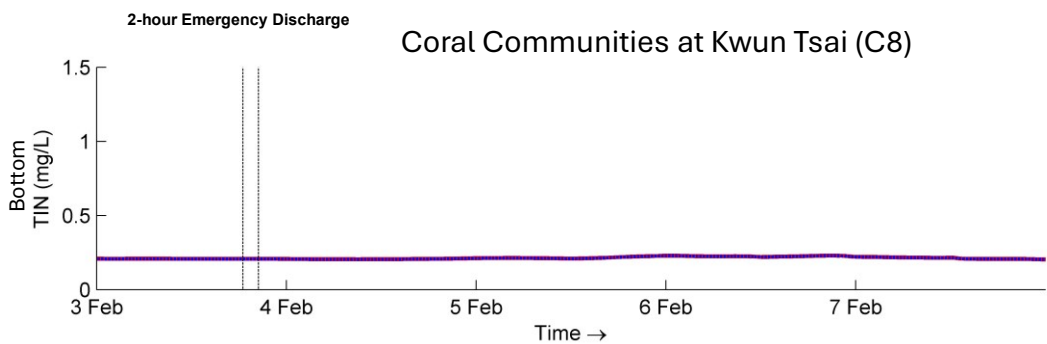
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.3 m/L for annual mean



The red line is overlapped with the blue line and maybe not be seen clearly.

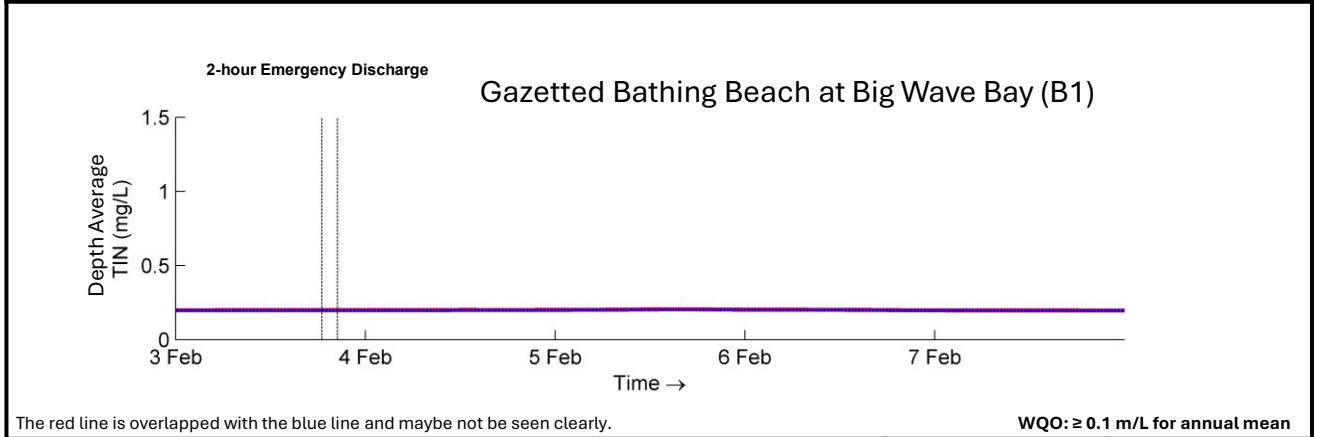
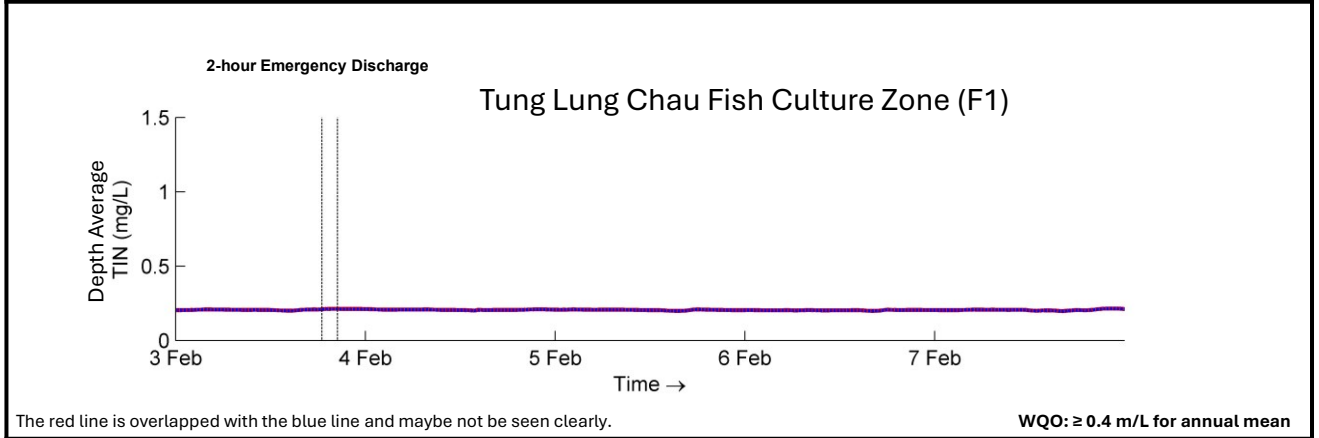
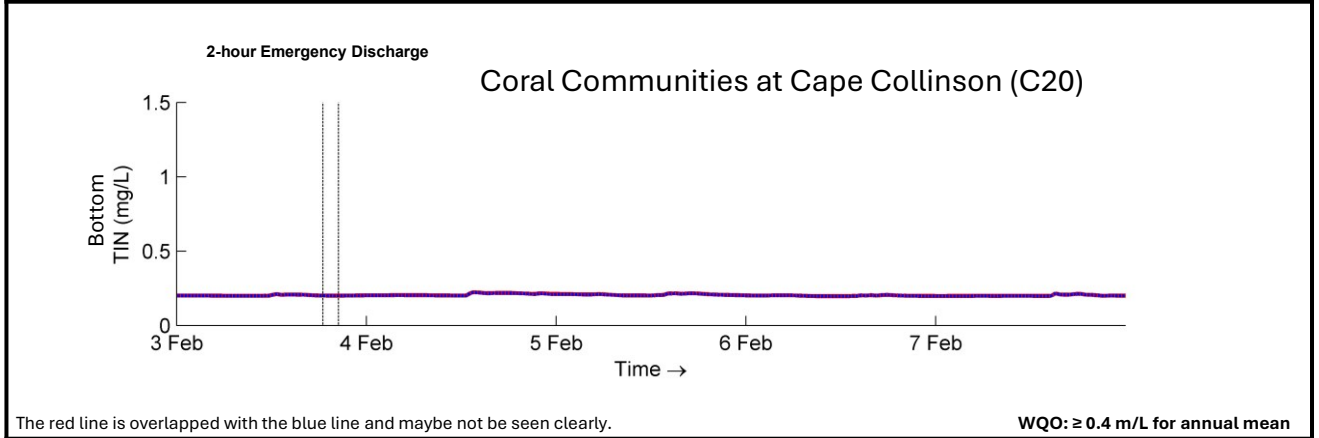
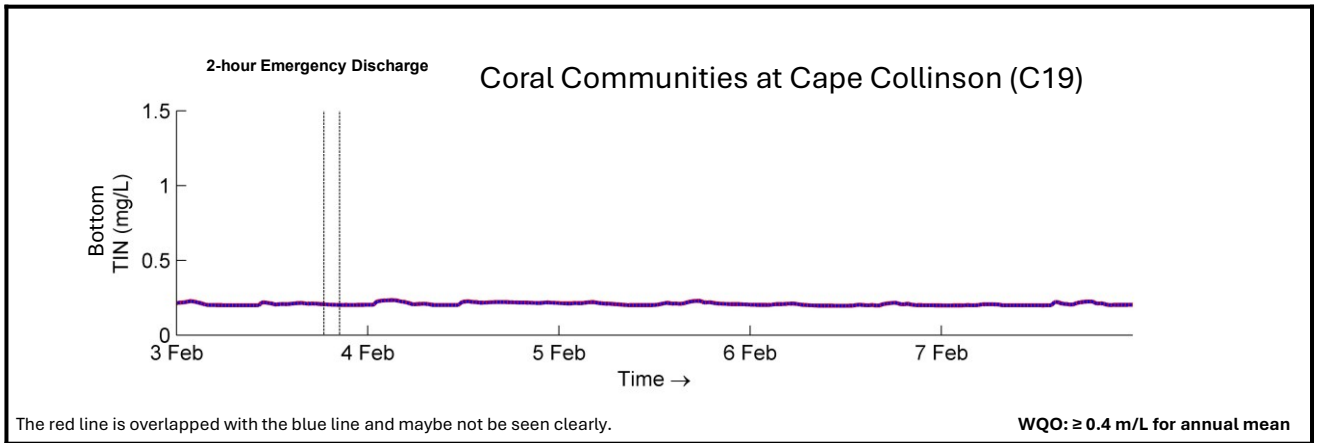
WQO: ≥ 0.4 m/L for annual mean



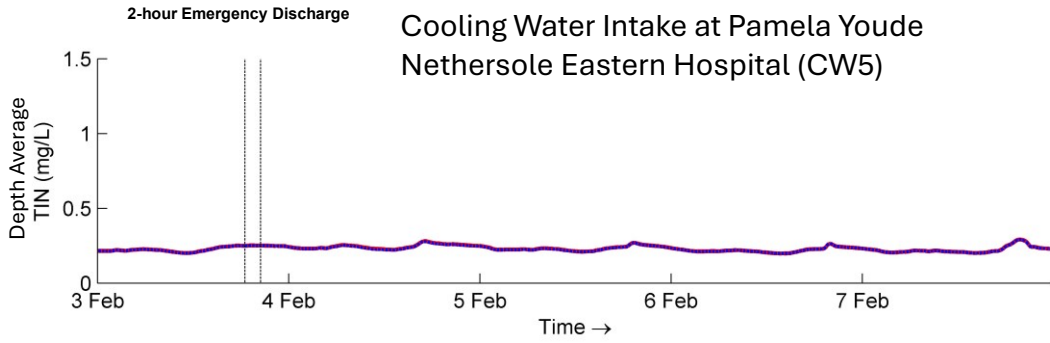
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.4 m/L for annual mean

Timeseries Plot for Total Inorganic Nitrogen Top: C6b Bottom; Upper: CR2 Bottom; Lower: C7 Bottom; Bottom: C8 Bottom Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	3



Timeseries Plot for Total Inorganic Nitrogen Top: C19 Bottom; Upper: C20 Bottom; Lower: F1 Depth-Average; Bottom: B1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario	Dry
CE 40/2023 (CE)	
Binnies	Appendix 5.11g
4	



The red line is overlapped with the blue line and maybe not be seen clearly.

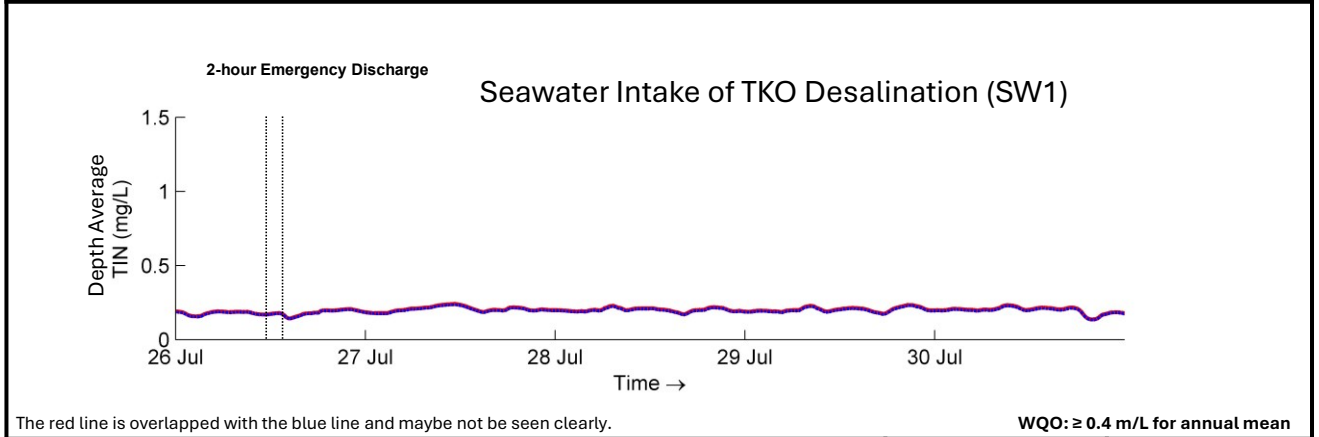
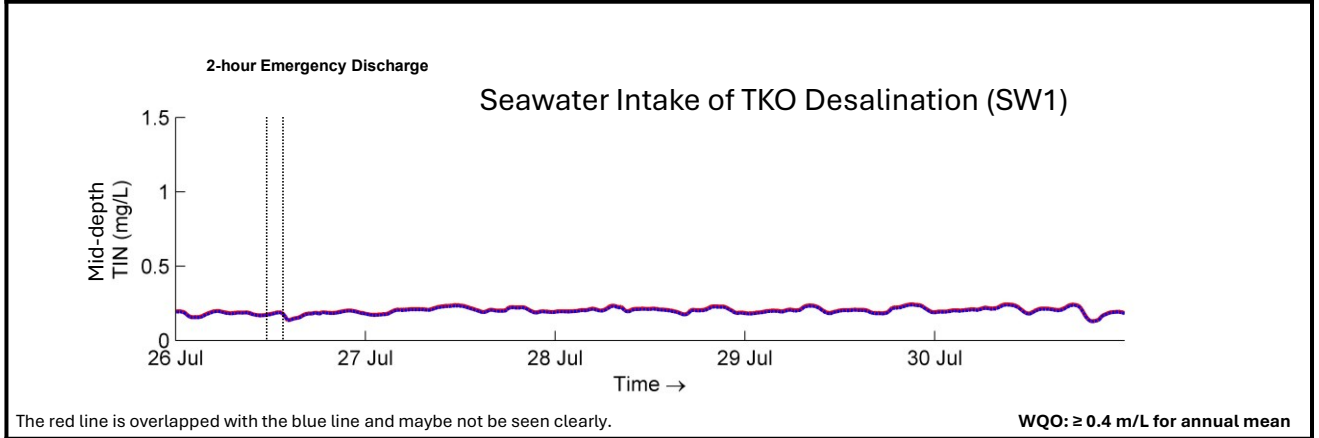
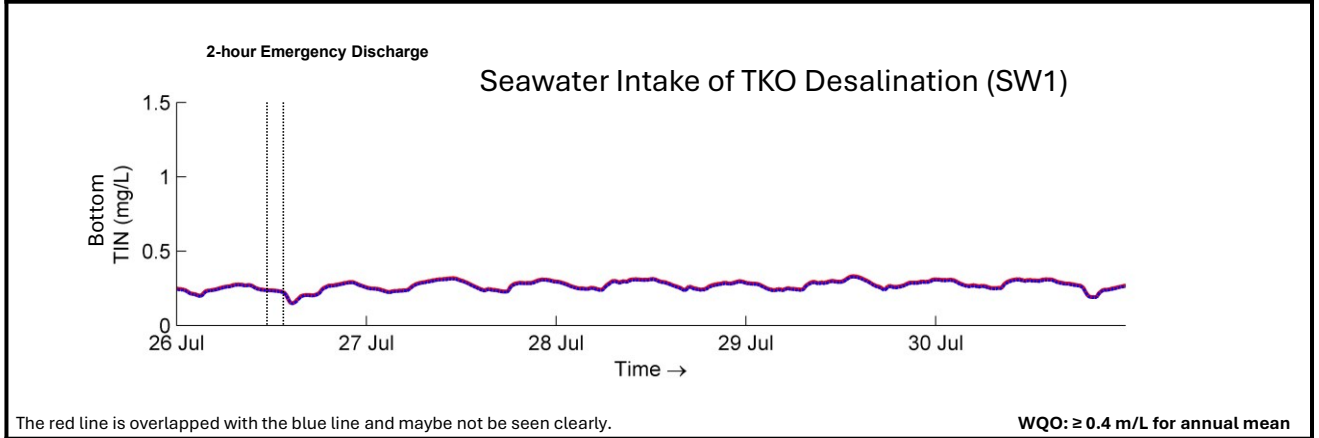
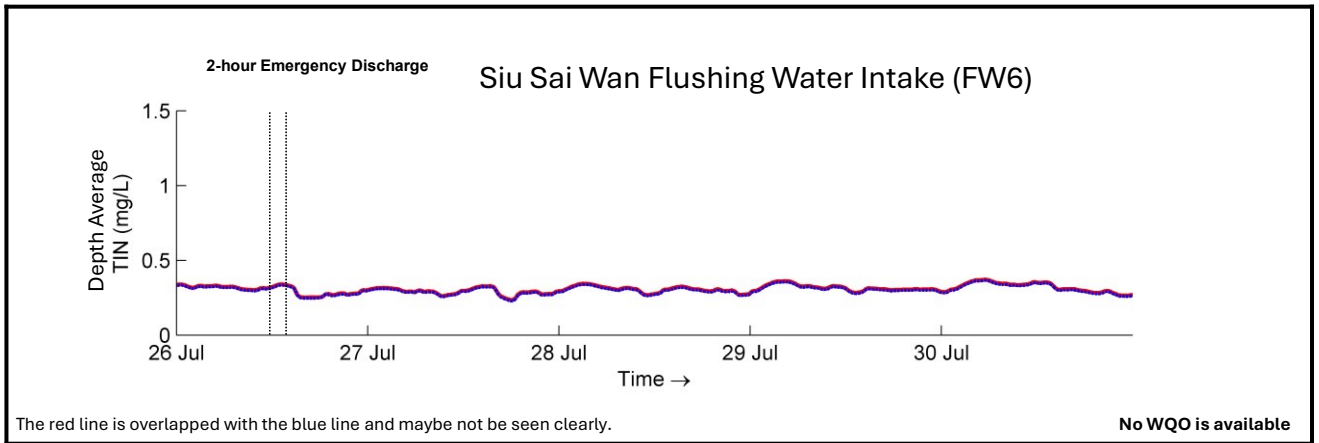
No WQO is available

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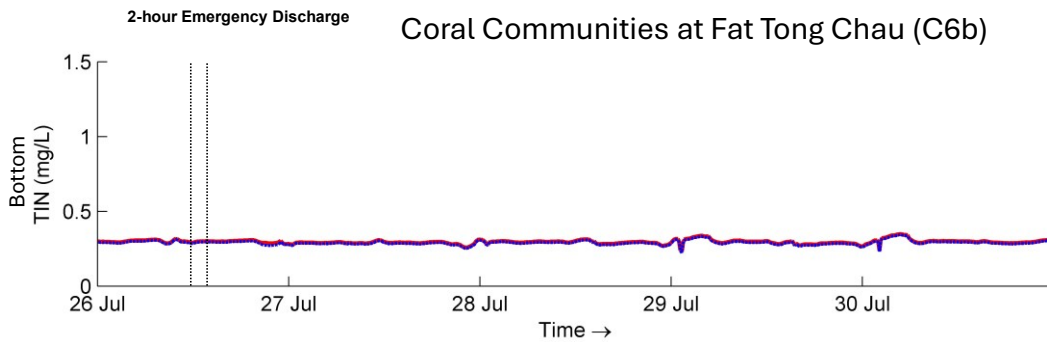
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Timeseries Plot for Total Inorganic Nitrogen Top: CW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	5

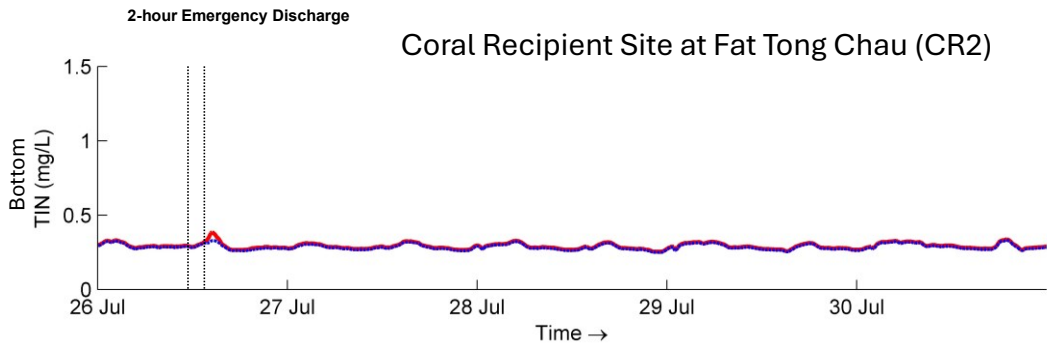


<p>Timeseries Plot for Total Inorganic Nitrogen Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	6



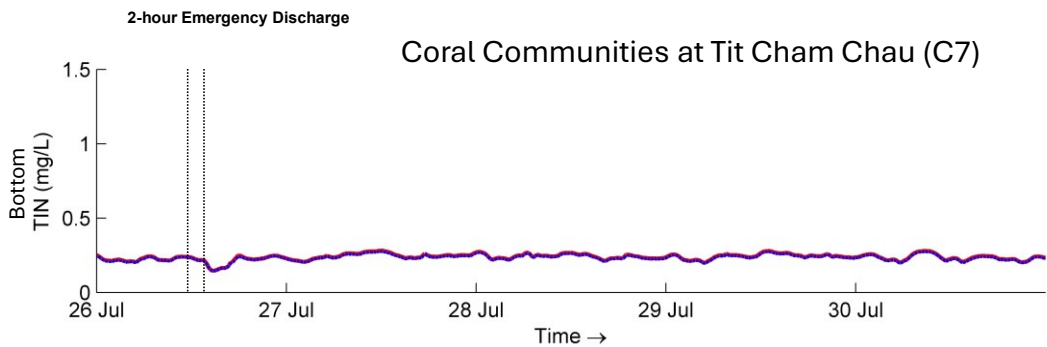
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.3 m/L for annual mean



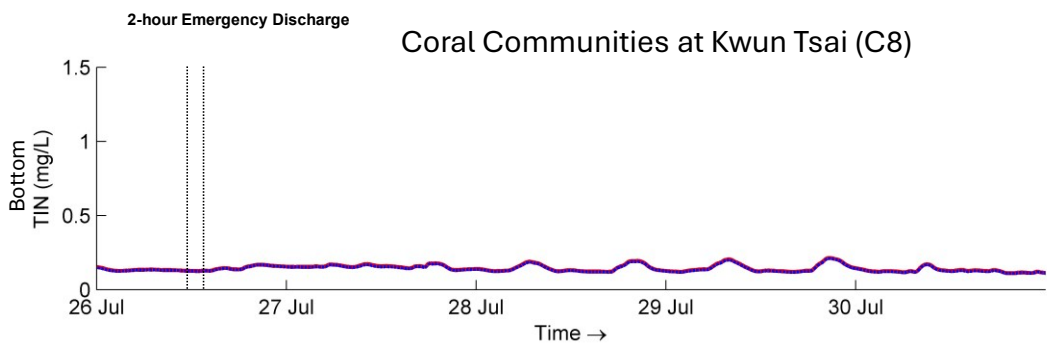
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.3 m/L for annual mean



The red line is overlapped with the blue line and maybe not be seen clearly.

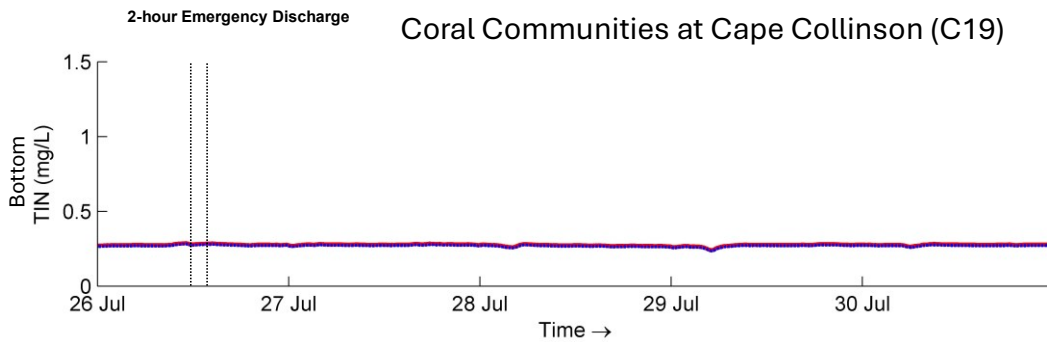
WQO: ≥ 0.4 m/L for annual mean



The red line is overlapped with the blue line and maybe not be seen clearly.

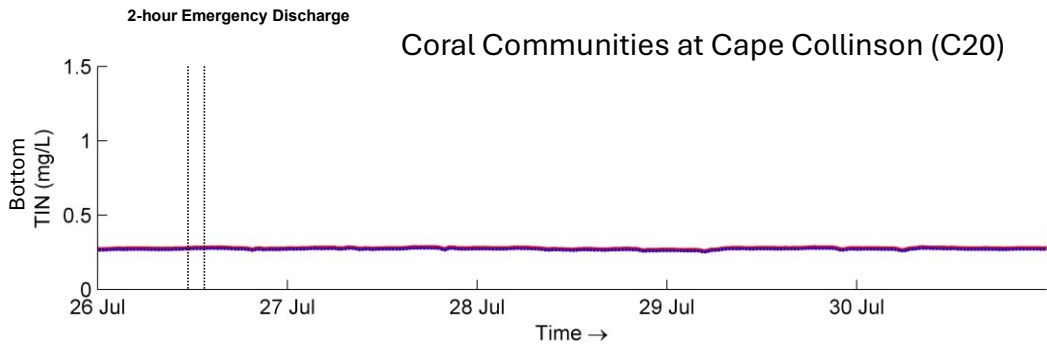
WQO: ≥ 0.4 m/L for annual mean

Timeseries Plot for Total Inorganic Nitrogen Top: C6b Bottom; Upper: CR2 Bottom; Lower: C7 Bottom; Bottom: C8 Bottom Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	7



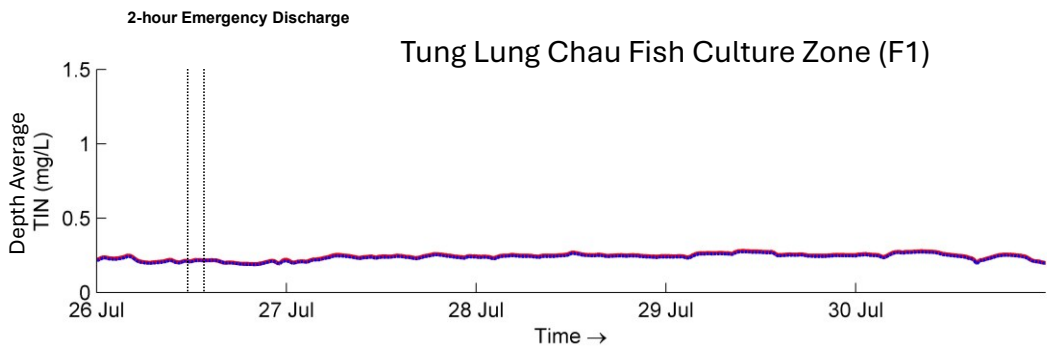
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.4 m/L for annual mean



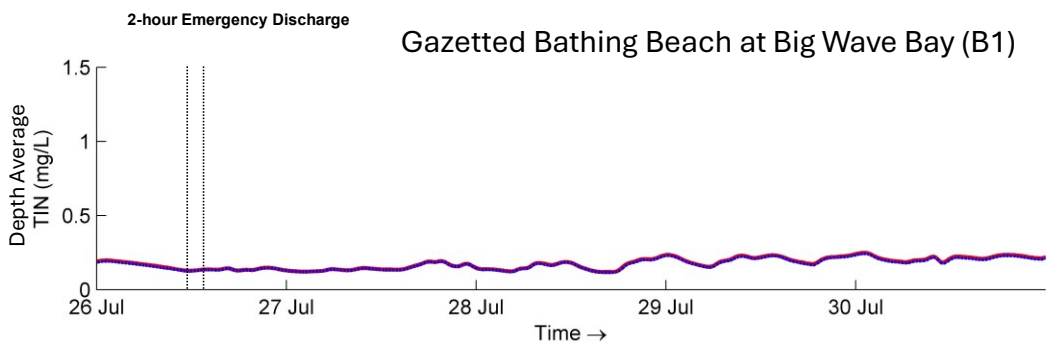
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.4 m/L for annual mean



The red line is overlapped with the blue line and maybe not be seen clearly.

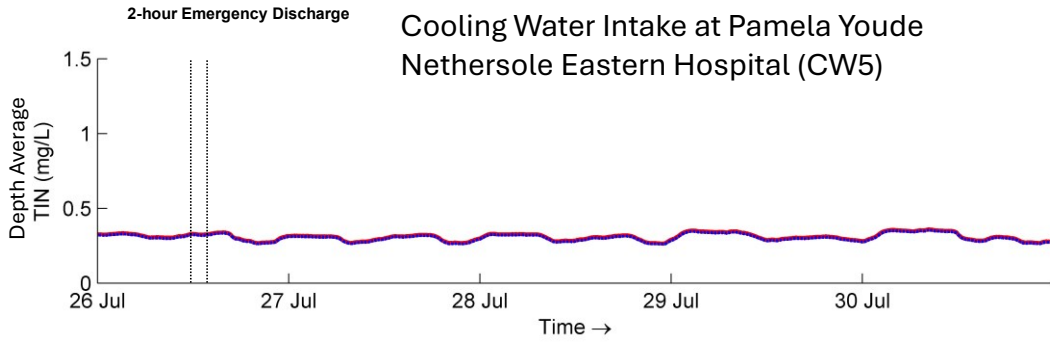
WQO: ≥ 0.4 m/L for annual mean



The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.1 m/L for annual mean

<p align="center">Timeseries Plot for Total Inorganic Nitrogen Top: C19 Bottom; Upper: C20 Bottom; Lower: F1 Depth-Average; Bottom: B1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	8



The red line is overlapped with the blue line and maybe not be seen clearly.

No WQO is available

Timeseries Plot for Total Inorganic Nitrogen Top: CW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	9