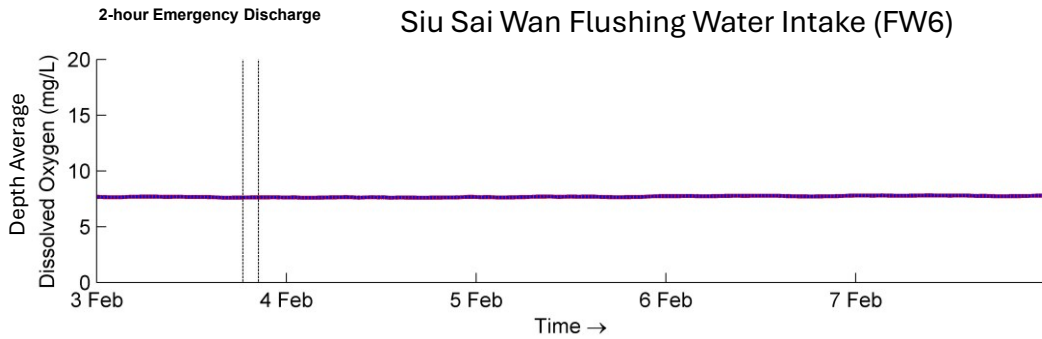


Appendix 5.11f

Operation Phase Water Quality Timeseries Plots - Dissolved Oxygen

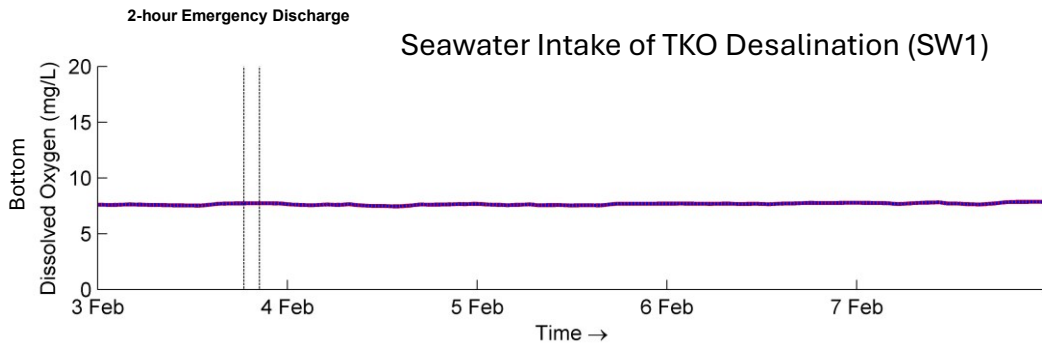
Appendix 5.11f Timeseries Plot for Dissolved Oxygen

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



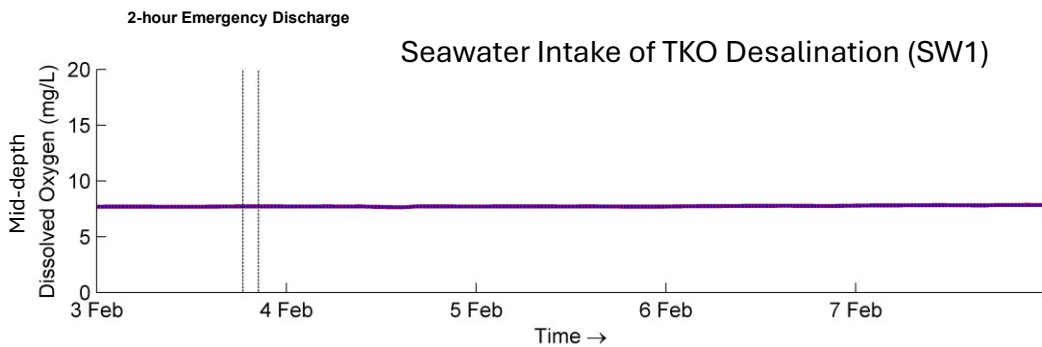
The red line is overlapped with the blue line and maybe not be seen clearly.

Target Level: > 2 m/L



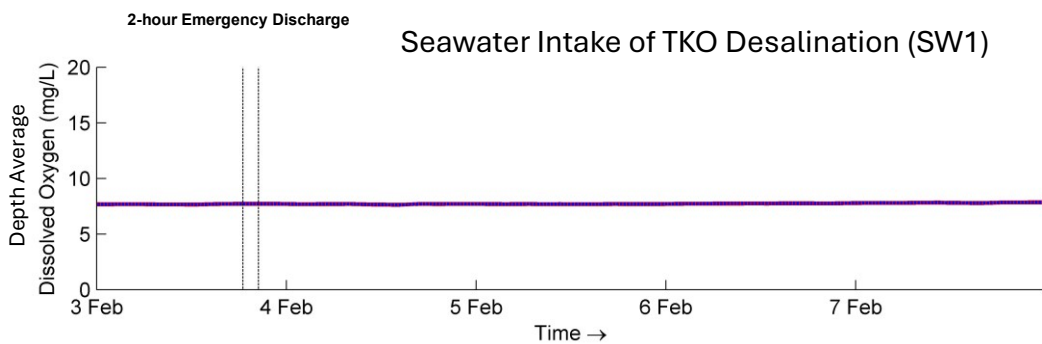
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 2 m/L for 90% of sampling occasions



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

No WQO is available



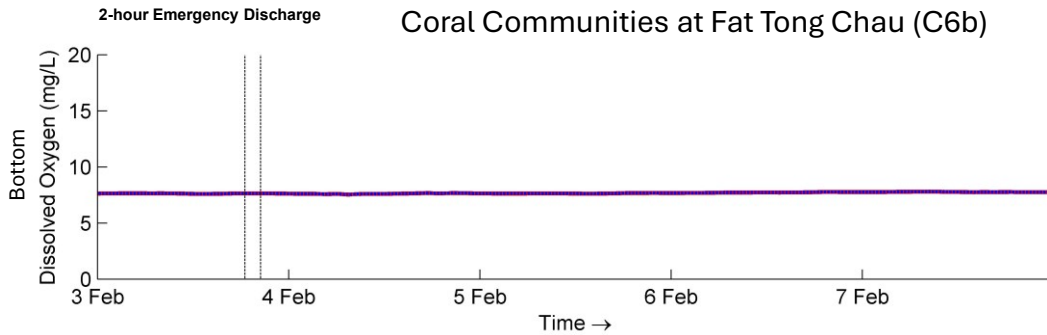
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 4 m/L for 90% of sampling occasions

Timeseries Plot for Dissolved Oxygen
 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

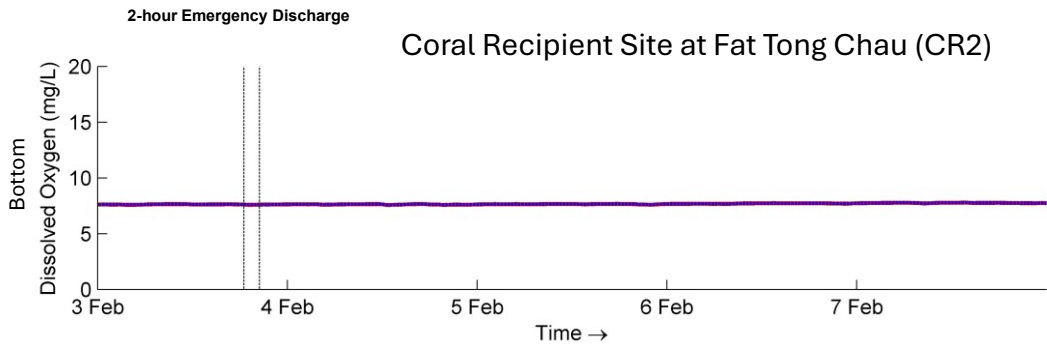
Dry

CE 40/2023 (CE)



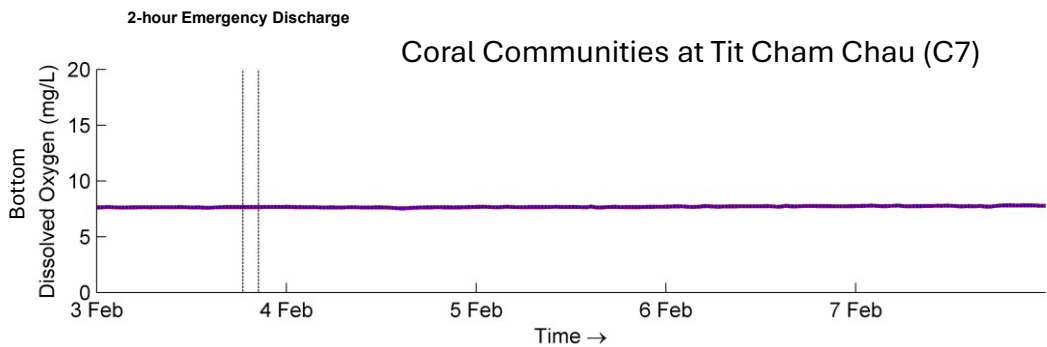
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 2 m/L for 90% of sampling occasions



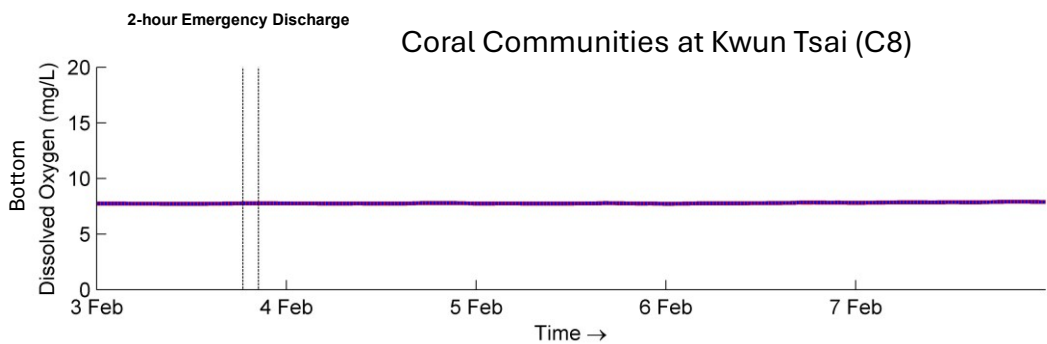
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 2 m/L for 90% of sampling occasions



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

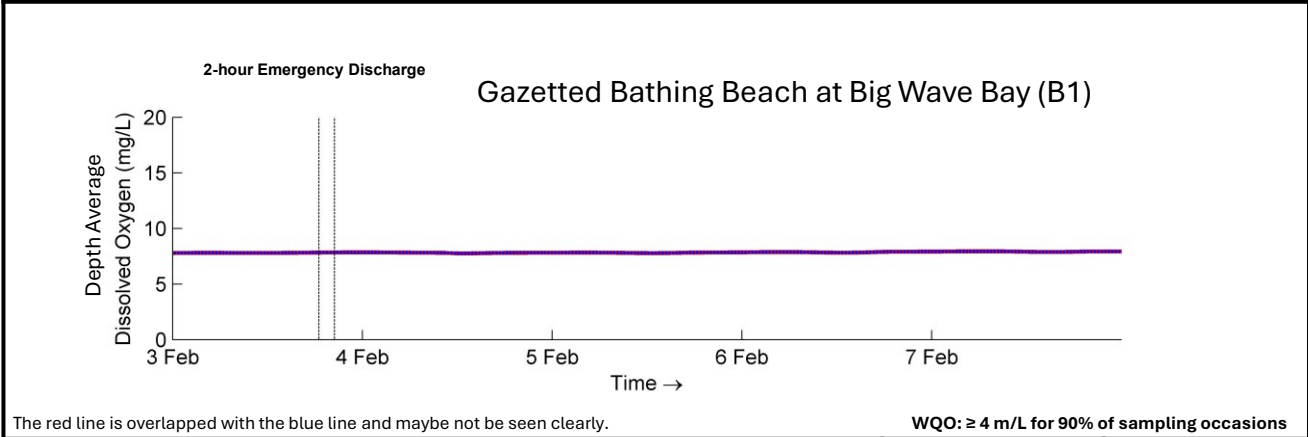
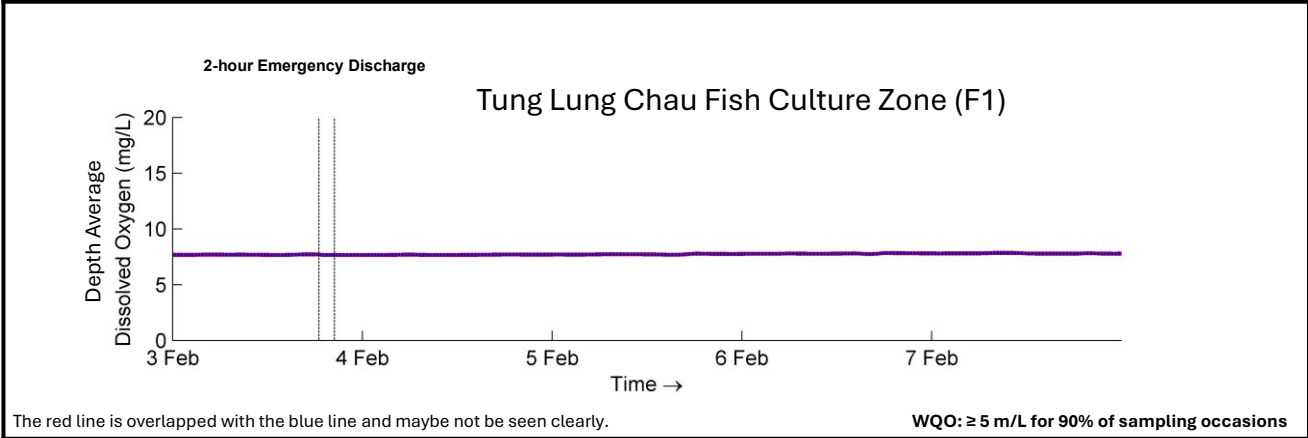
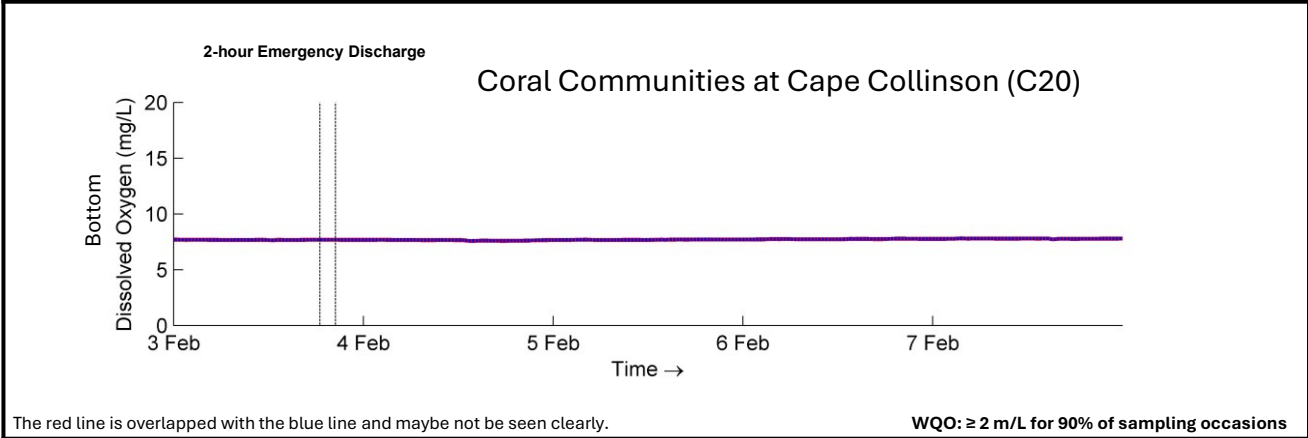
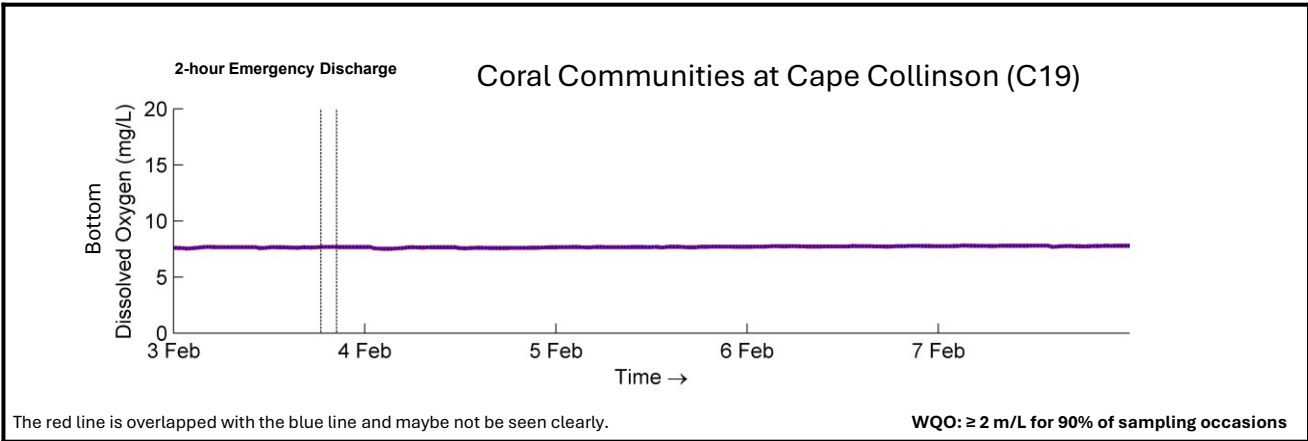
WQO: ≥ 2 m/L for 90% of sampling occasions



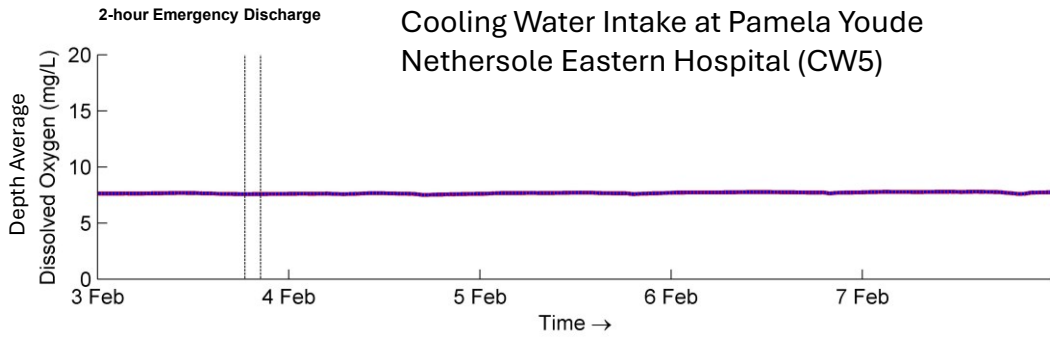
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 2 m/L for 90% of sampling occasions

Timeseries Plot for Dissolved Oxygen 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 5.11f	3



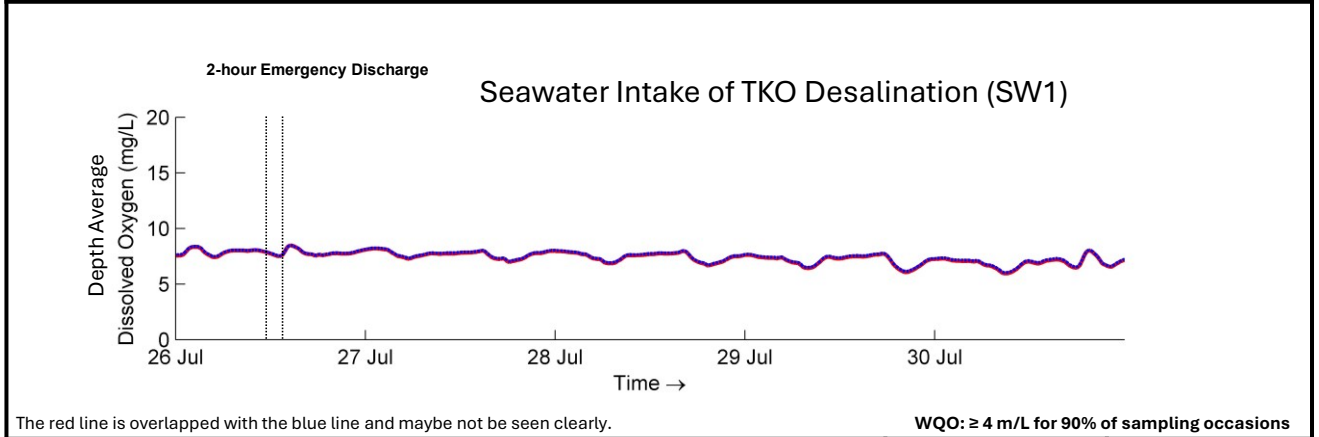
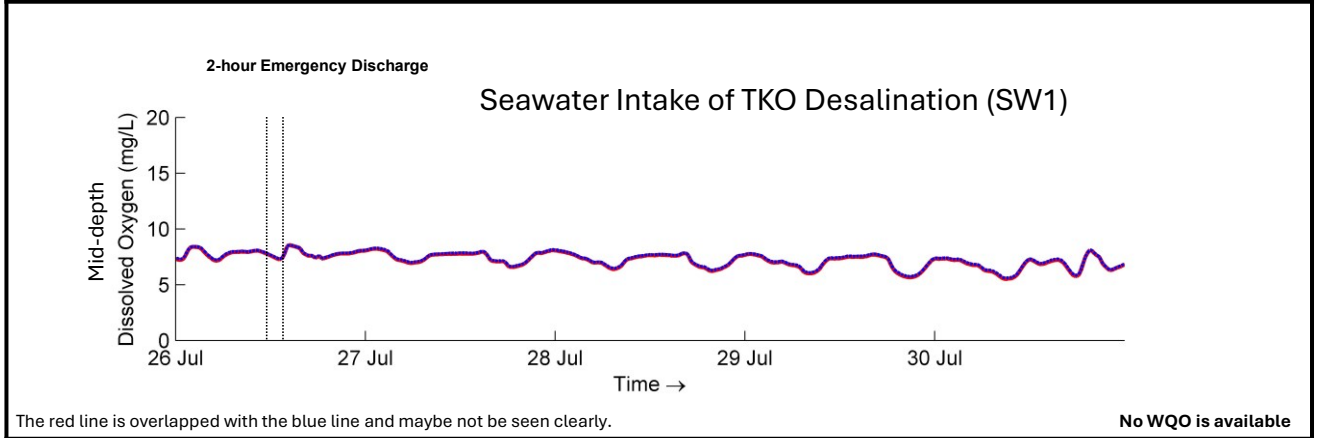
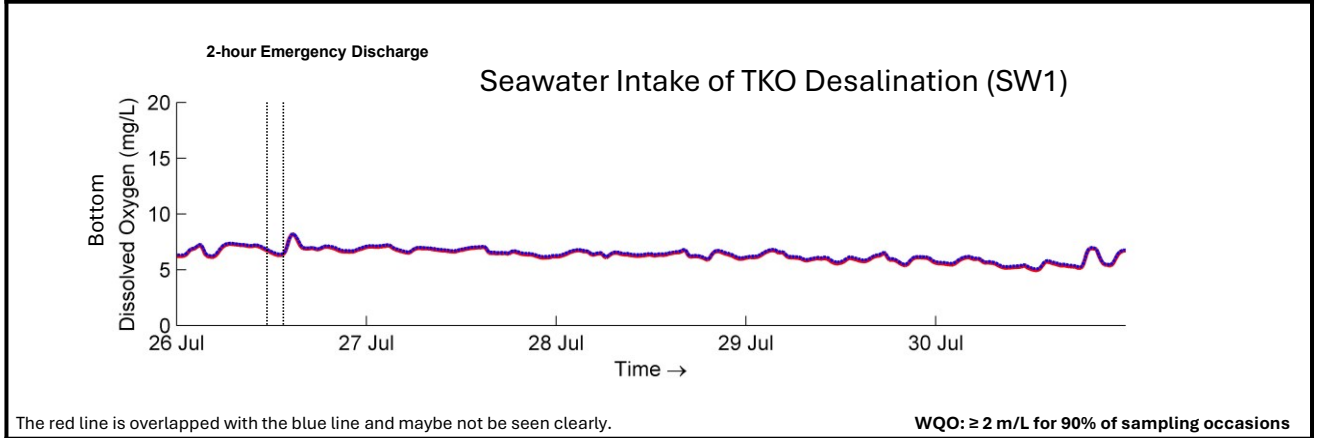
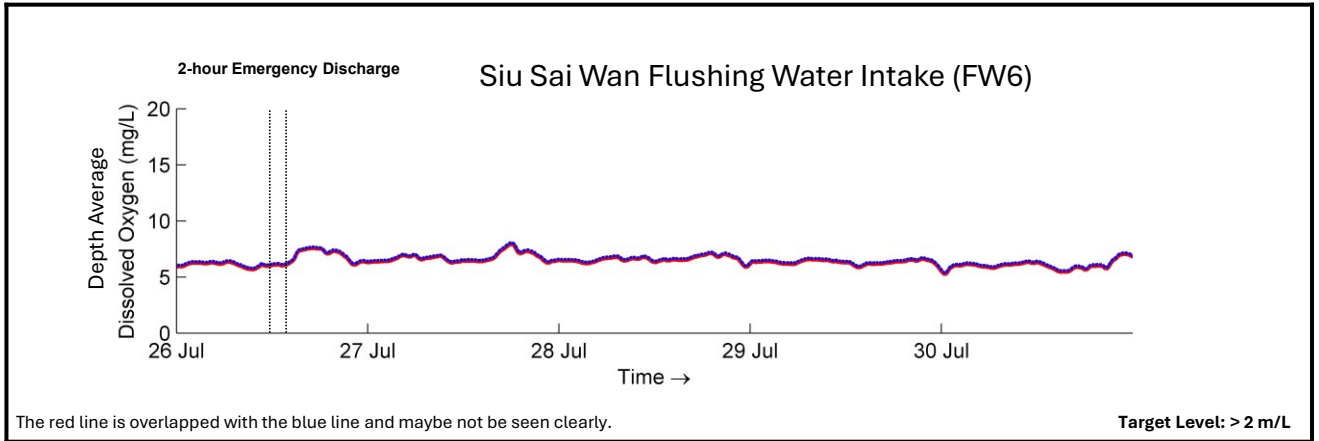
Timeseries Plot for Dissolved Oxygen Top: C19 Bottom; Upper: C20 Bottom; Lower: F1 Depth-Average; Bottom: B1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario	Dry
CE 40/2023 (CE)	
Binnies	Appendix 5.11f
4	



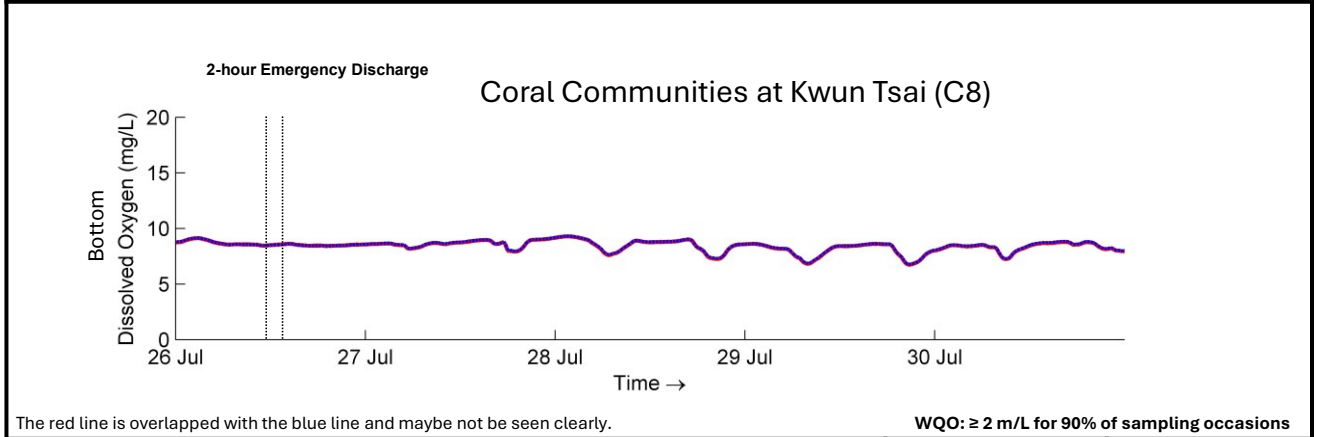
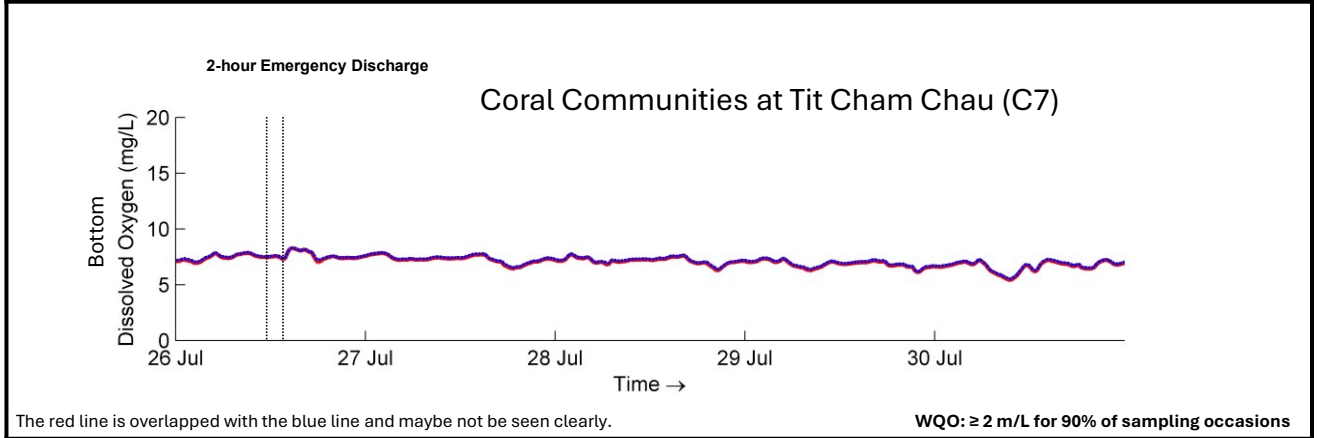
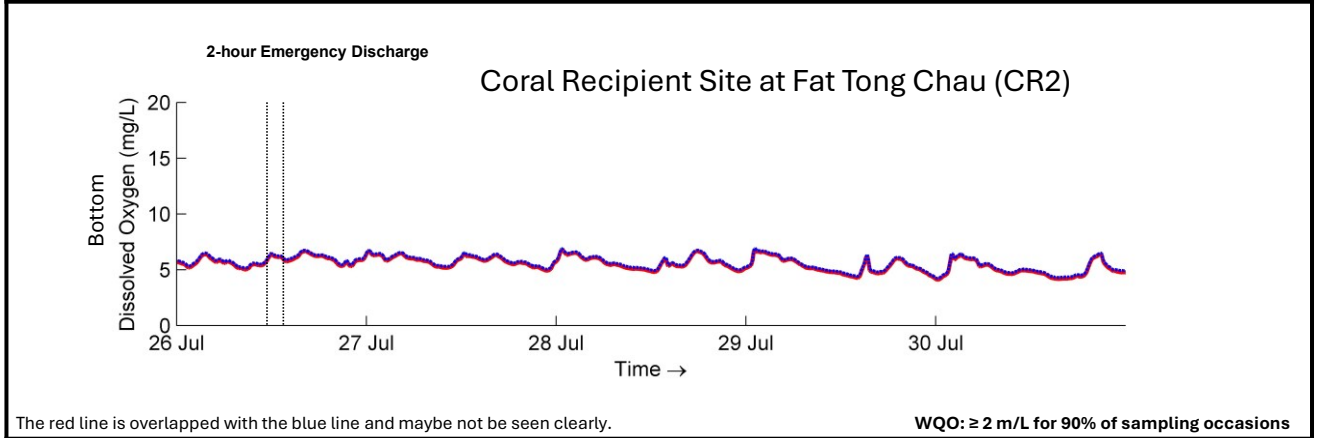
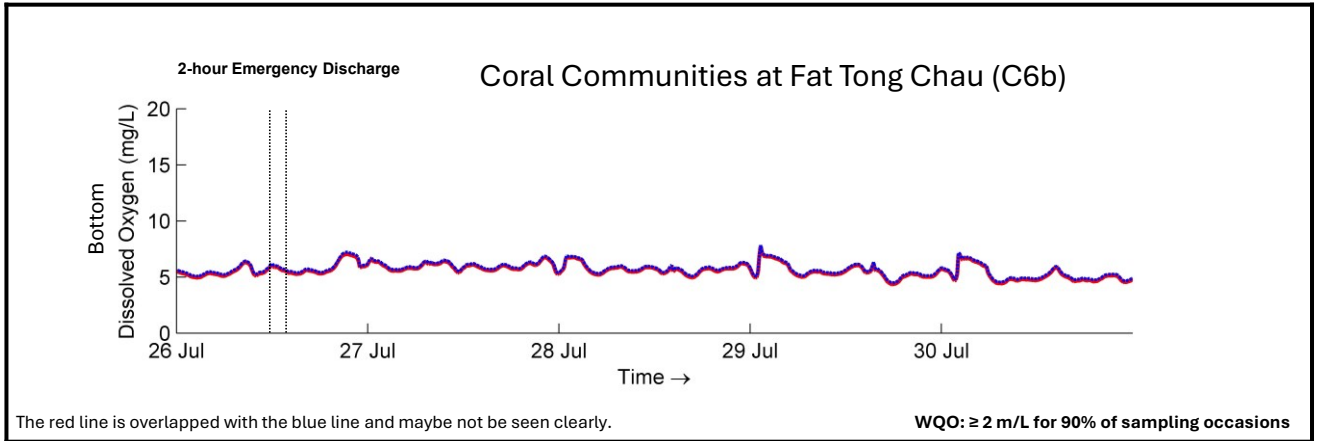
The red line is overlapped with the blue line and maybe not be seen clearly.

No WQO is available

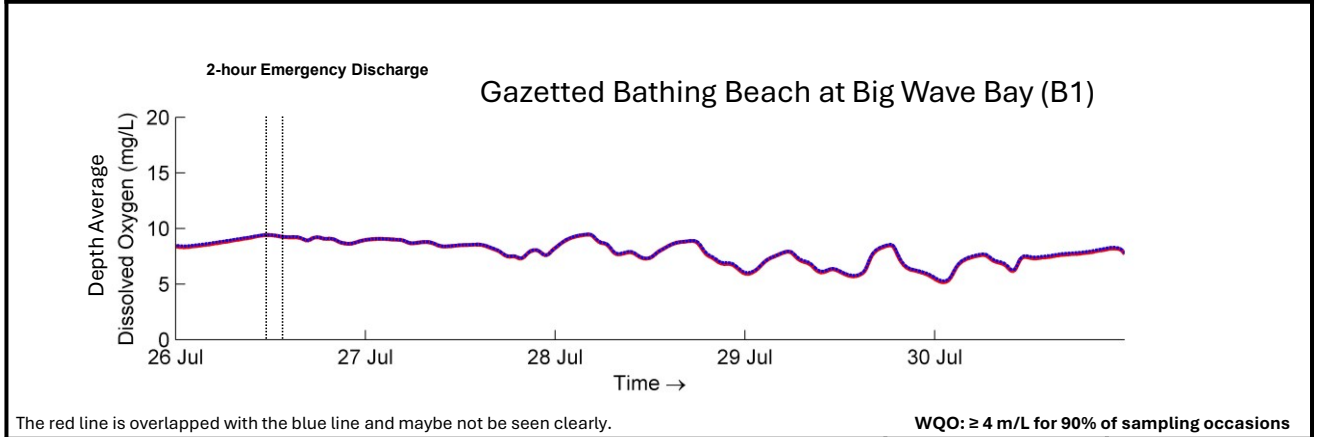
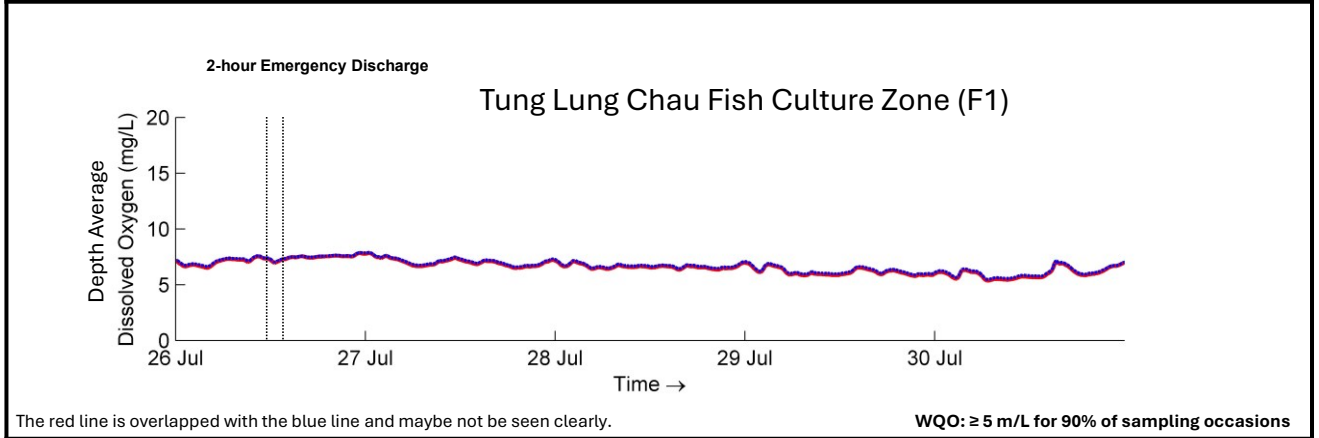
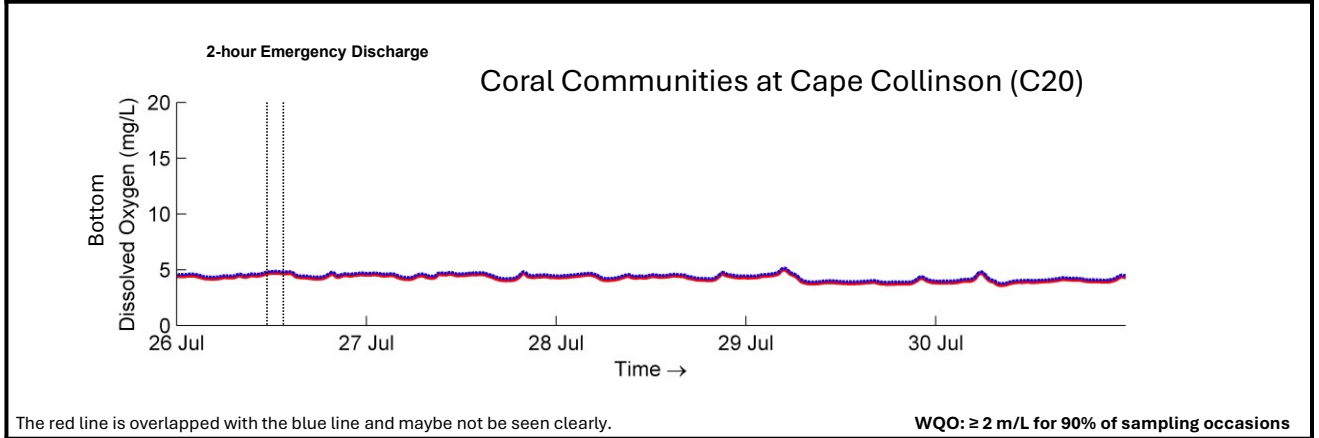
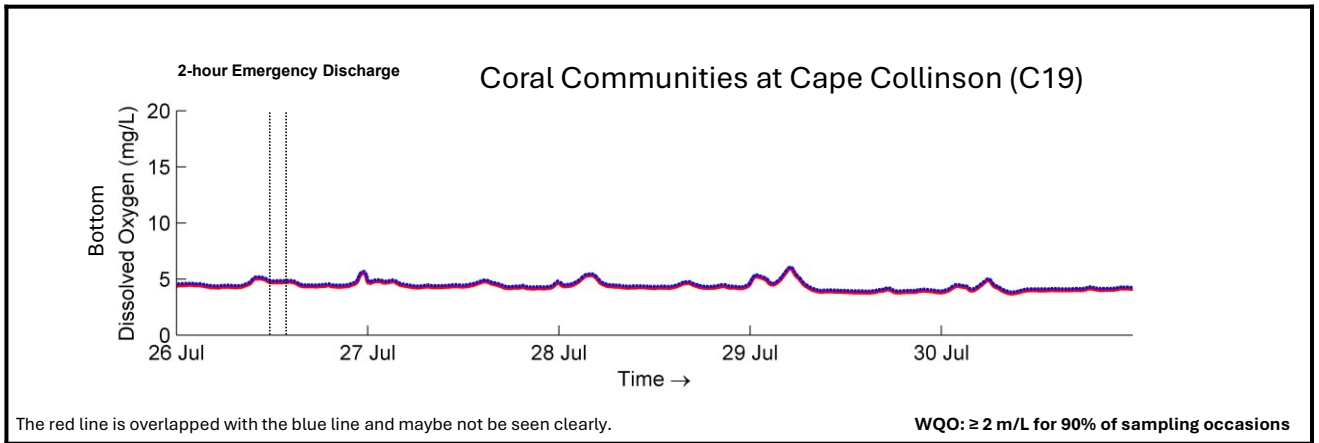
Timeseries Plot for Dissolved Oxygen Top: CW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11f	5



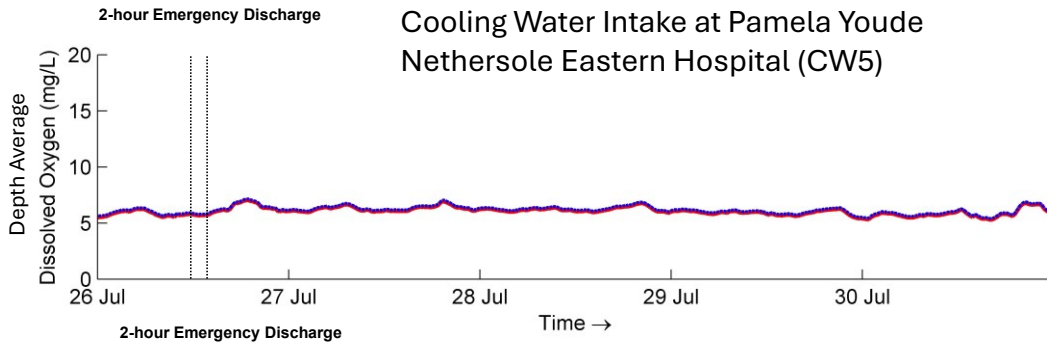
Timeseries Plot Dissolved Oxygen Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11f	6



Timeseries Plot for Dissolved Oxygen 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 5.11f	7



Timeseries Plot for Dissolved Oxygen 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	Wet
CE 40/2023 (CE)	
Binnies	Appendix 5.11f
8	



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

No WQO is available

--

--

--

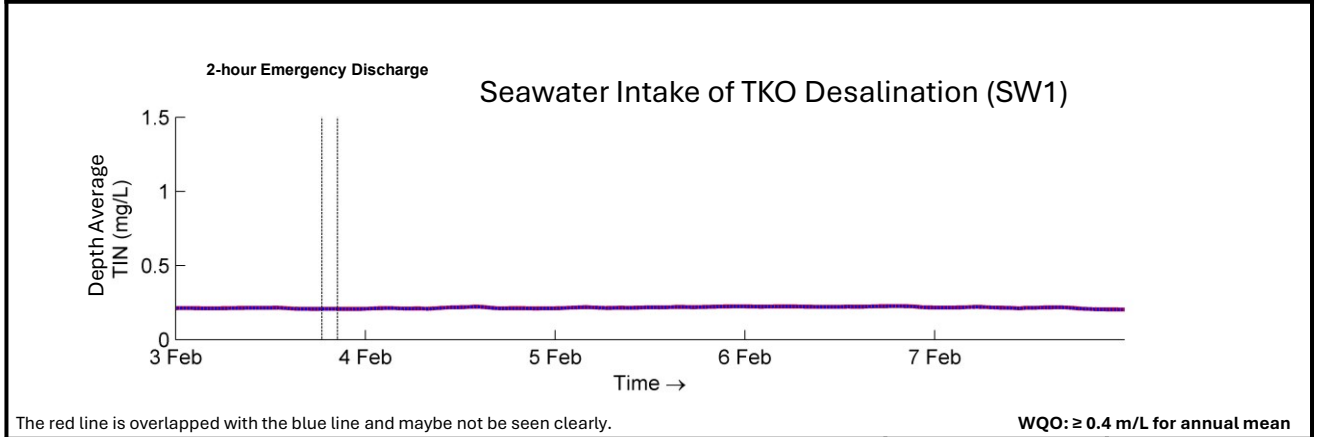
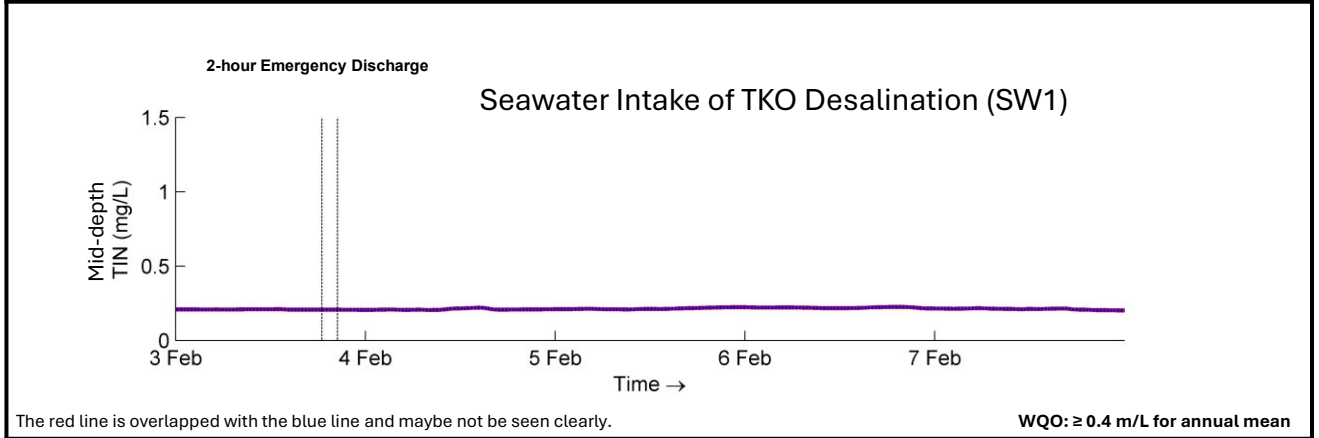
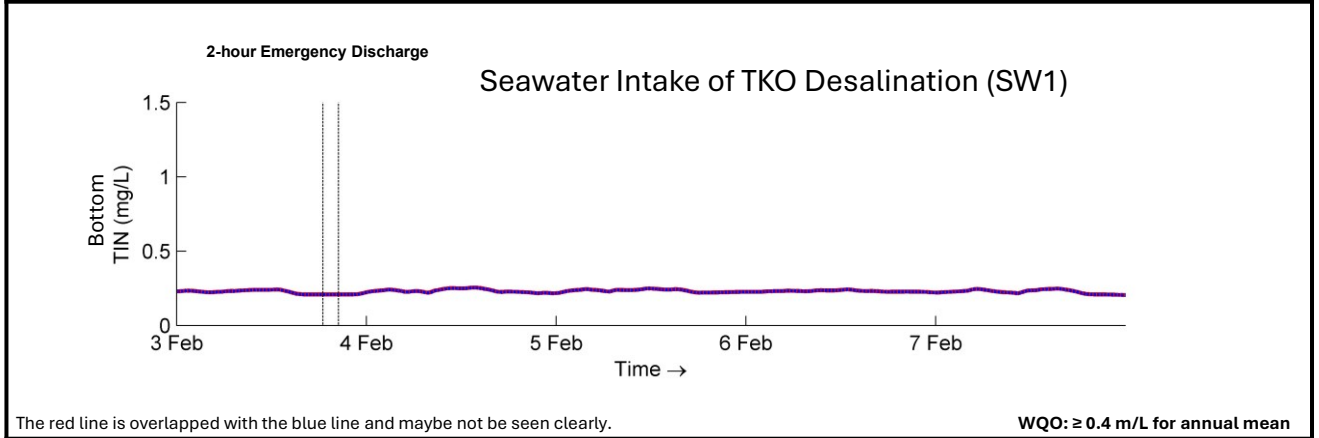
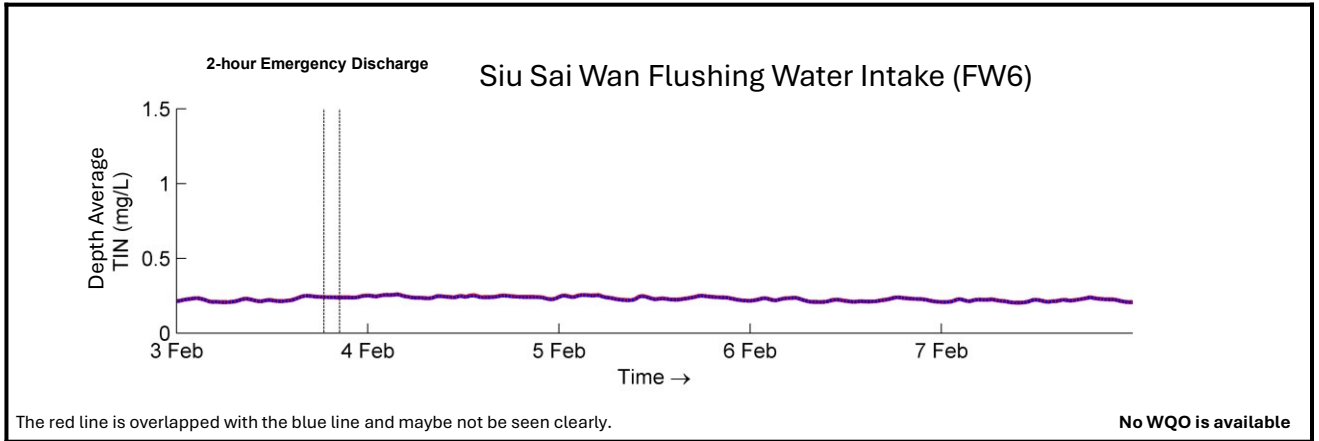
Timeseries Plot for Dissolved Oxygen Top: CW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11f	9

Appendix 5.11g

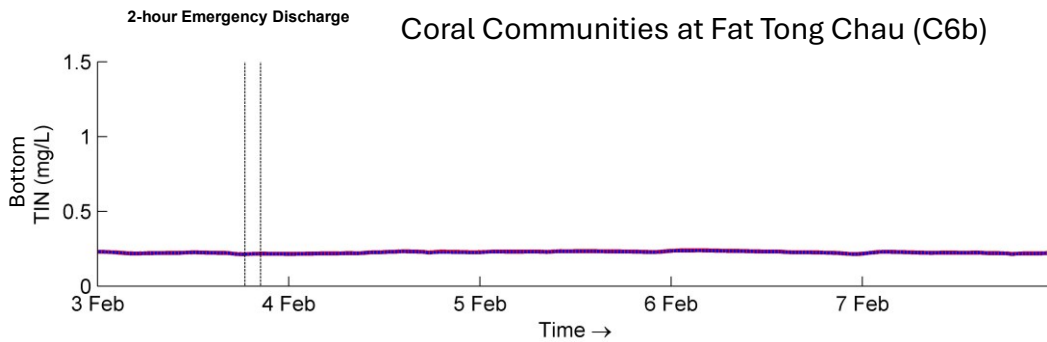
Operation Phase Water Quality Timeseries Plots - Total Inorganic Nitrogen

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

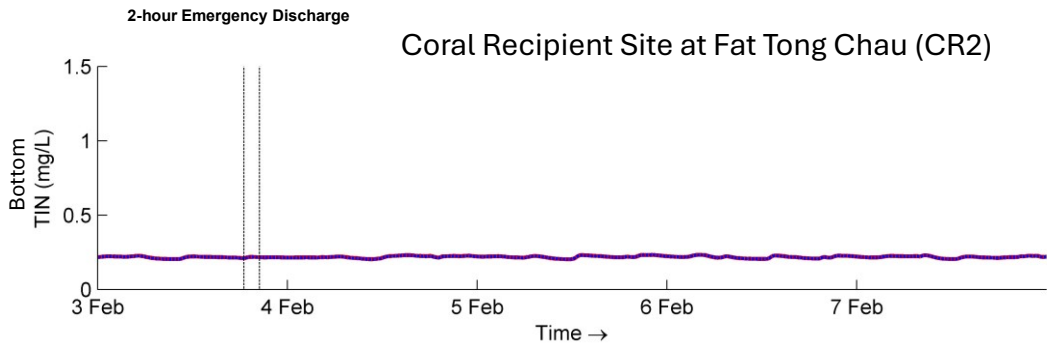


<p>Timeseries Plot for Total Inorganic Nitrogen Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	2



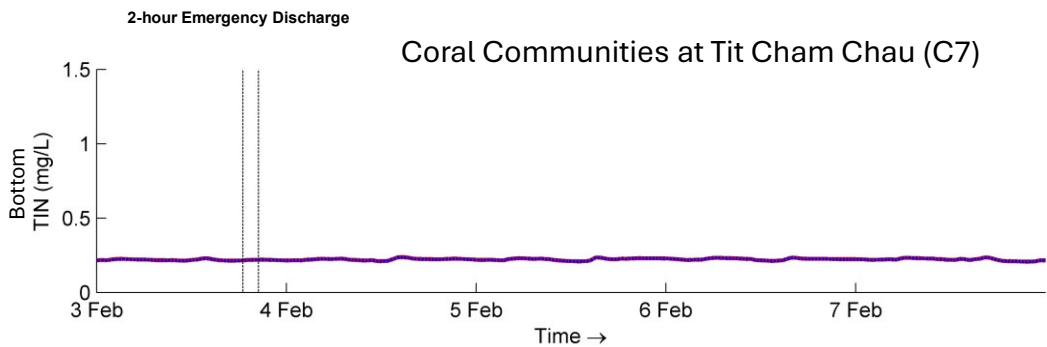
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.3 m/L for annual mean



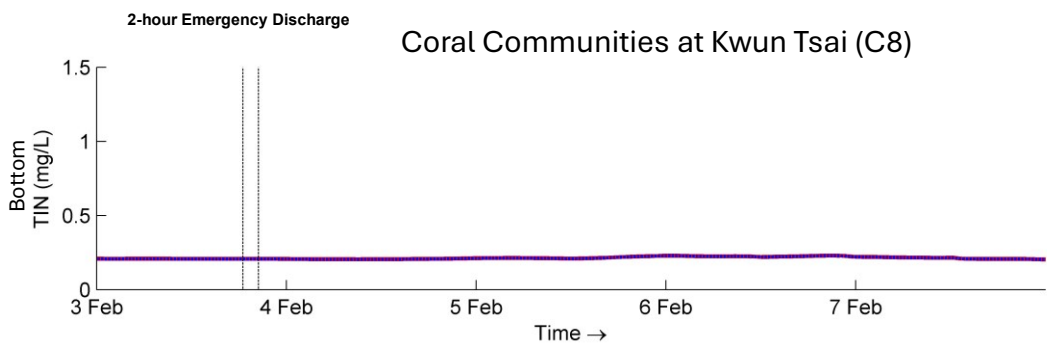
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.3 m/L for annual mean



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

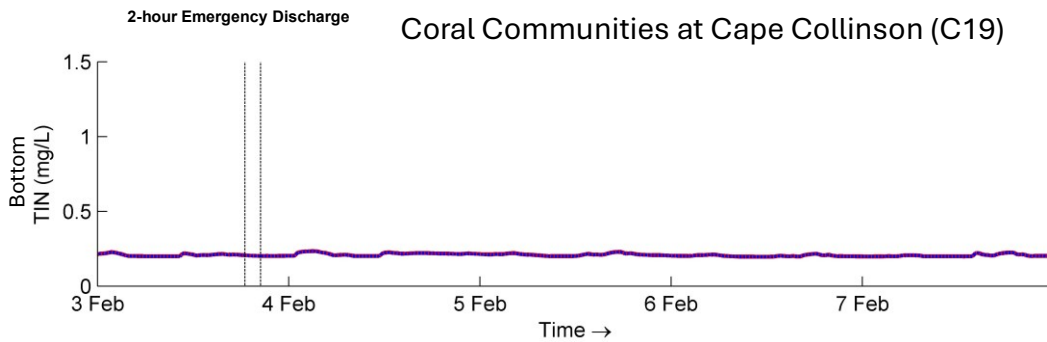
WQO: ≥ 0.4 m/L for annual mean



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

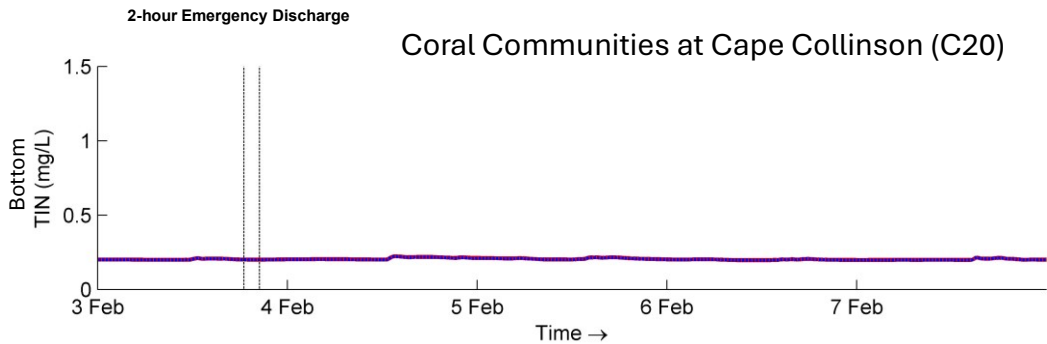
WQO: ≥ 0.4 m/L for annual mean

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



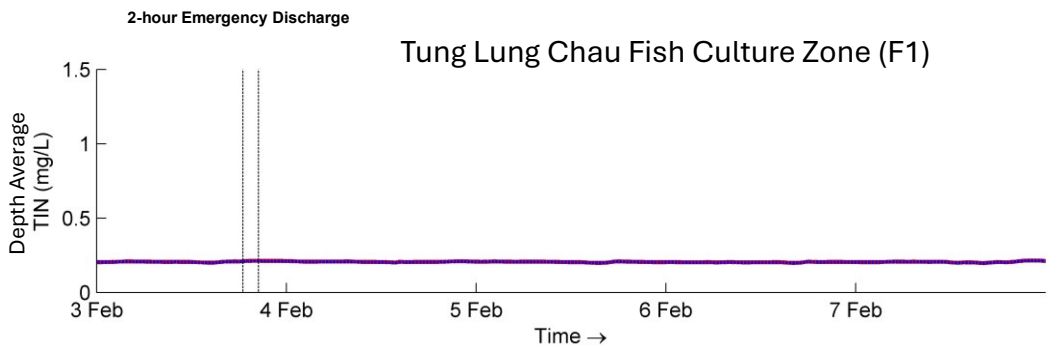
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.4 m/L for annual mean



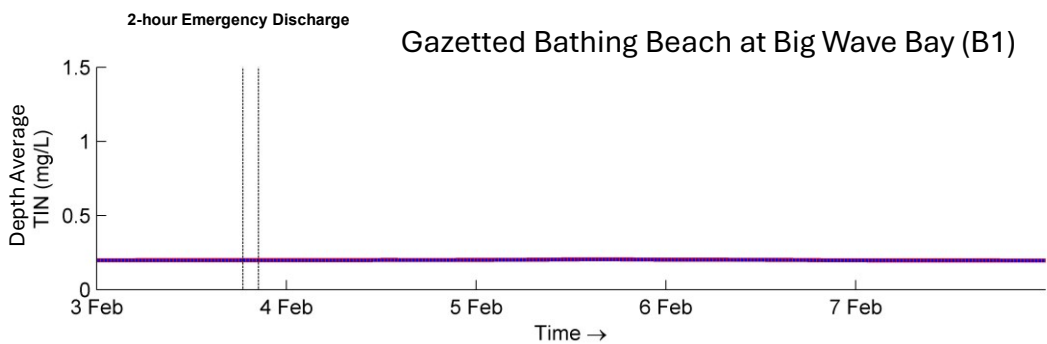
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≥ 0.4 m/L for annual mean



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

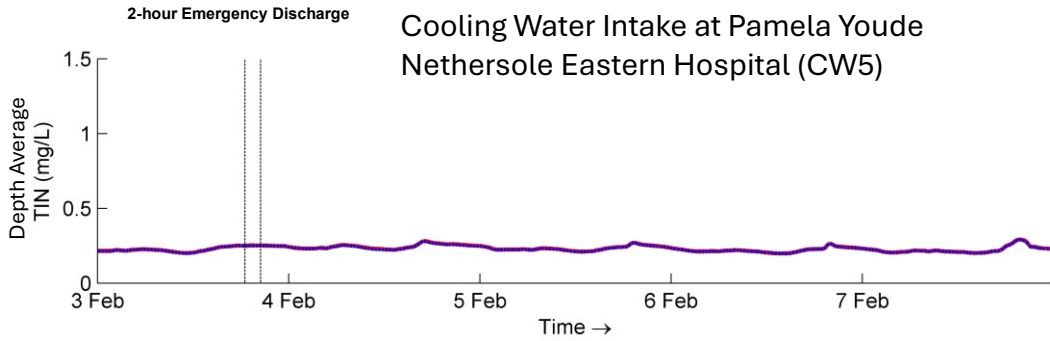
WQO: ≥ 0.4 m/L for annual mean



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

WQO: ≥ 0.1 m/L for annual mean

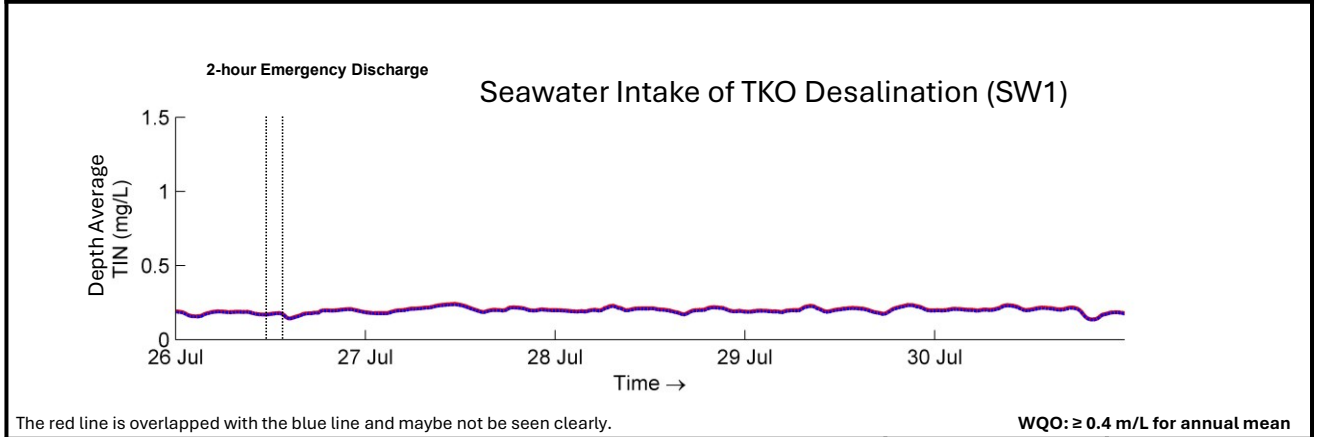
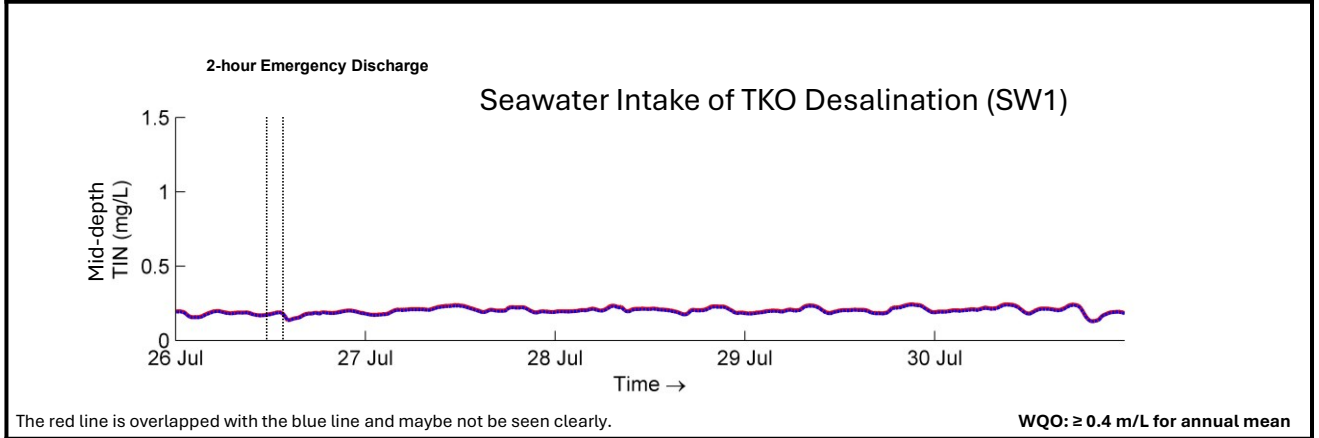
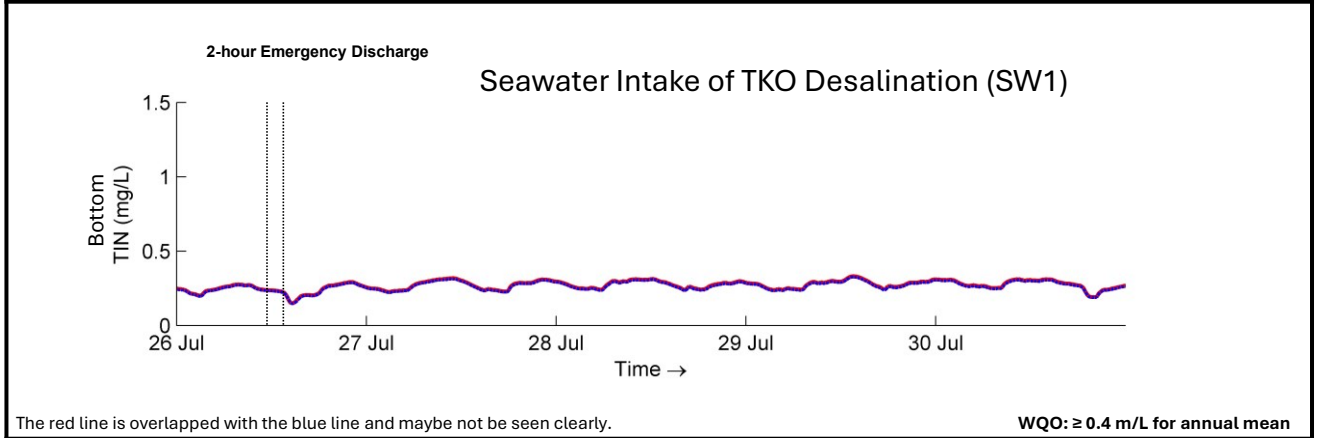
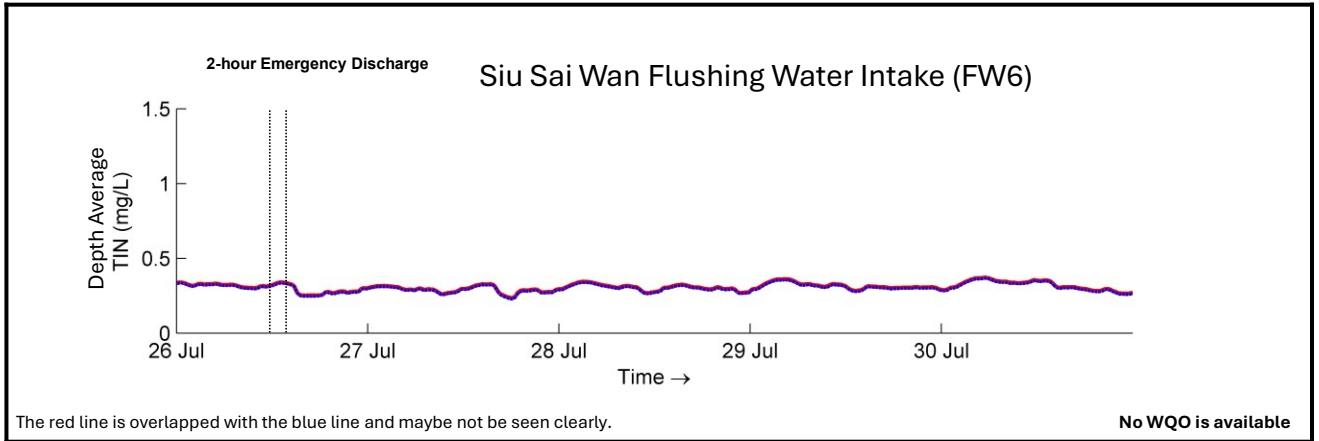
<p align="center">Timeseries Plot for Total Inorganic Nitrogen</p> <p>Top: C19 Bottom; Upper: C20 Bottom; Lower: F1 Depth-Average; Bottom: B1 Depth-Average</p> <p>Blue: Normal EPP Operation</p> <p>Red: "With 2-hour Emergency Discharge" Scenario</p>		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	4



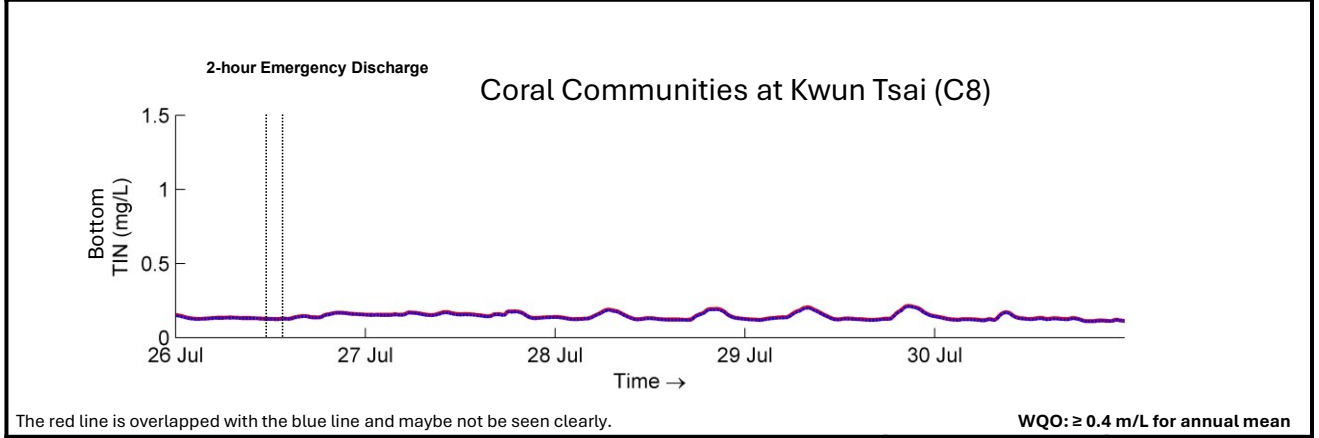
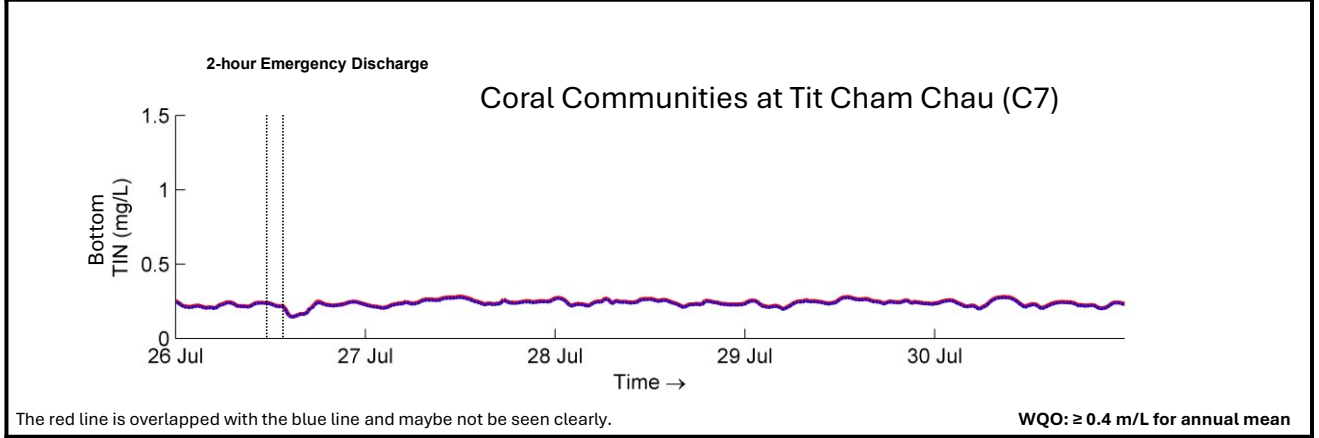
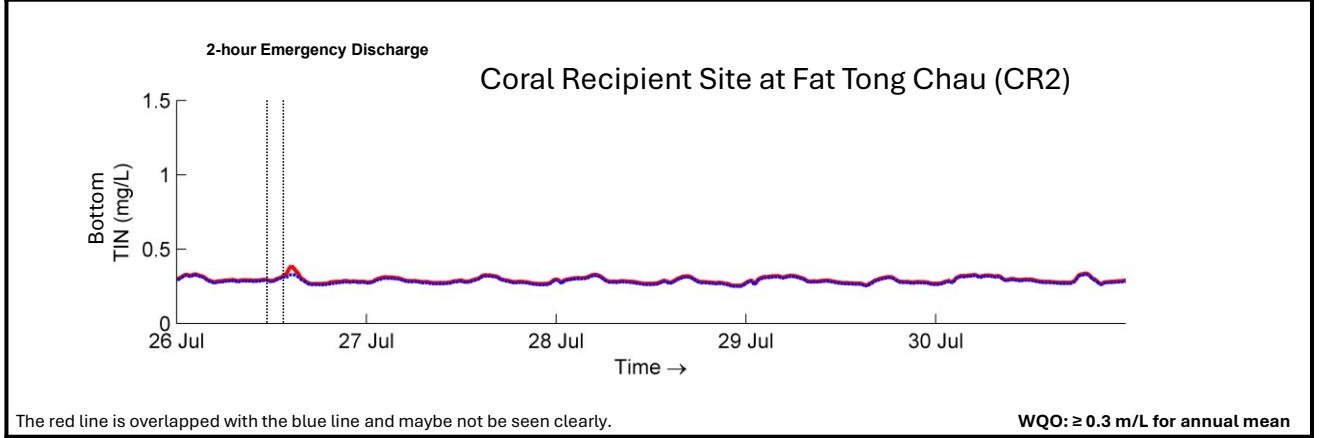
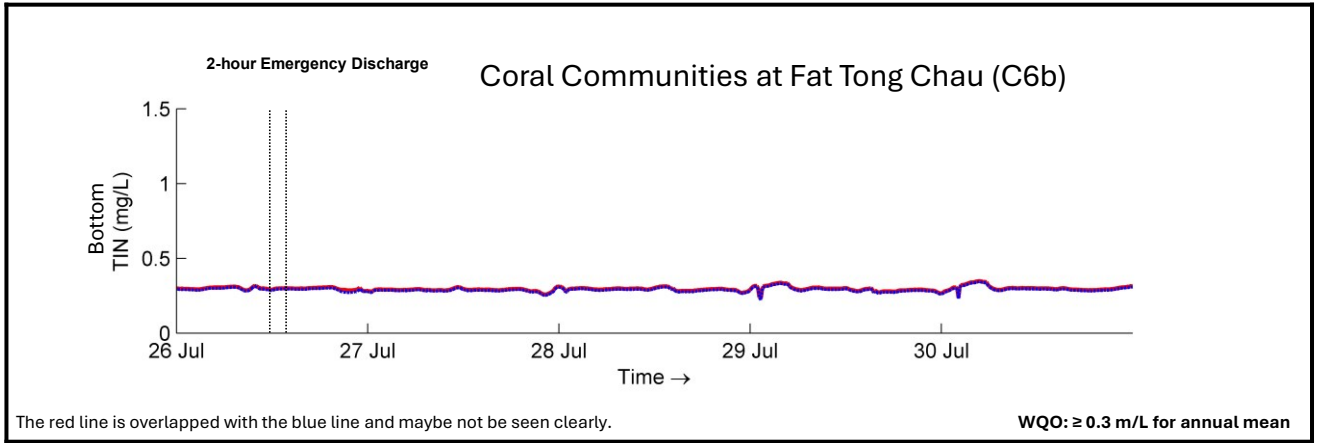
The red line is overlapped with the blue line and maybe not be seen clearly.

No WQO is available

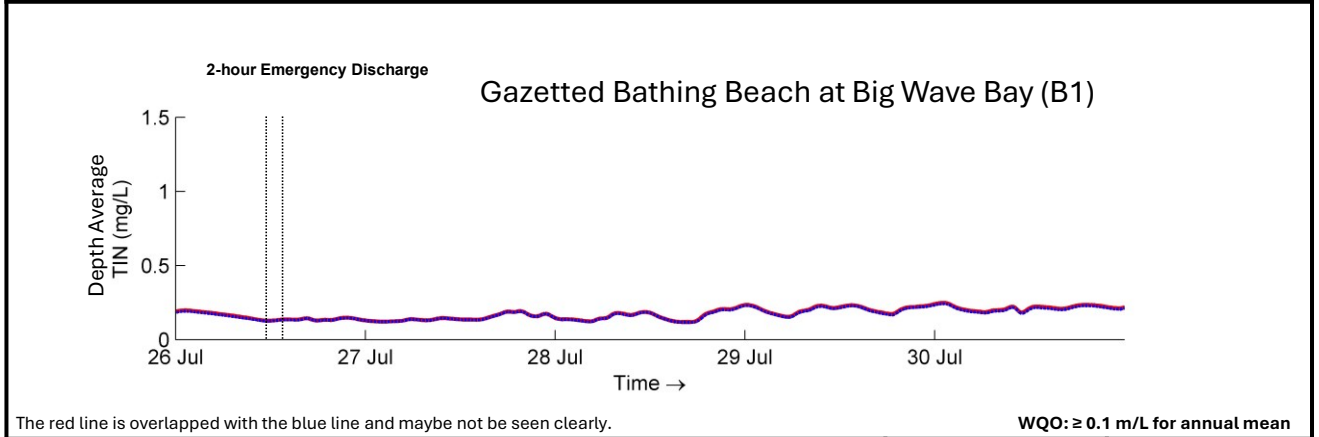
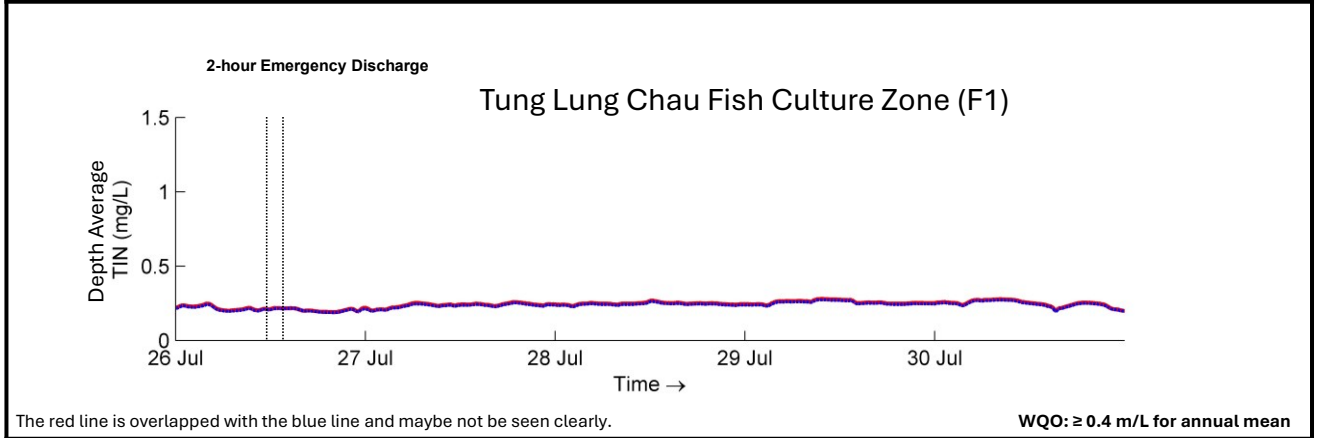
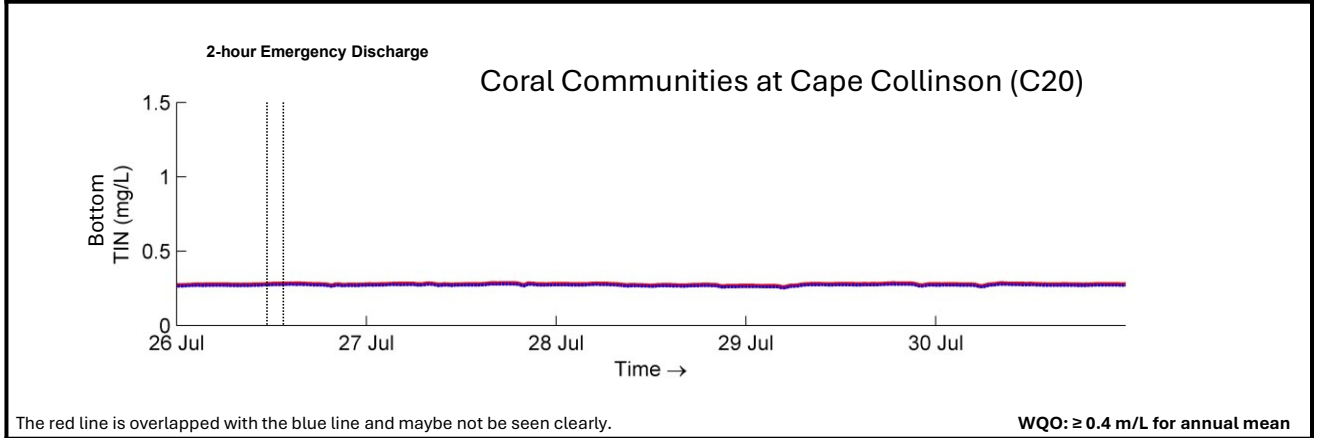
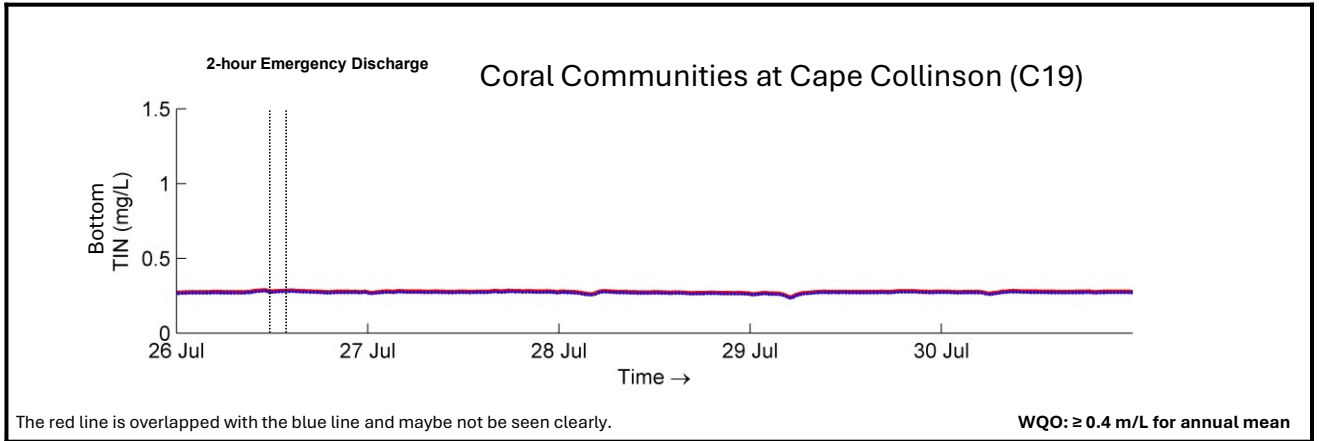
Timeseries Plot for Total Inorganic Nitrogen Top: CW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	5



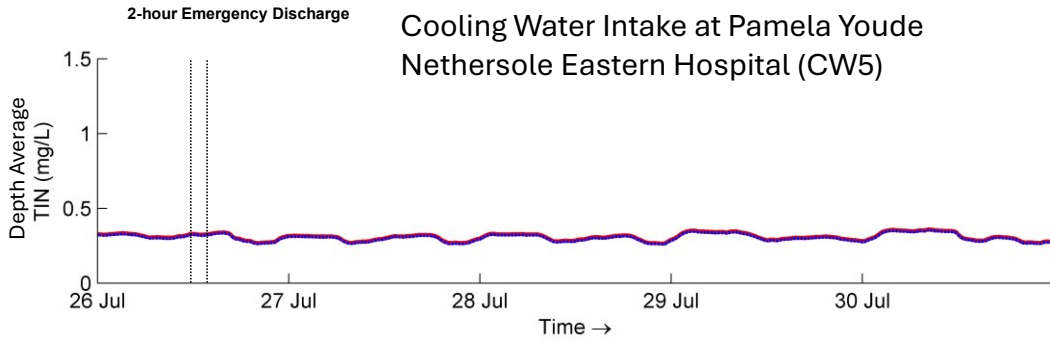
<p>Timeseries Plot for Total Inorganic Nitrogen Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	6



<p>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</p>		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	7



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	Wet
CE 40/2023 (CE)	
Binnies	Appendix 5.11g
8	



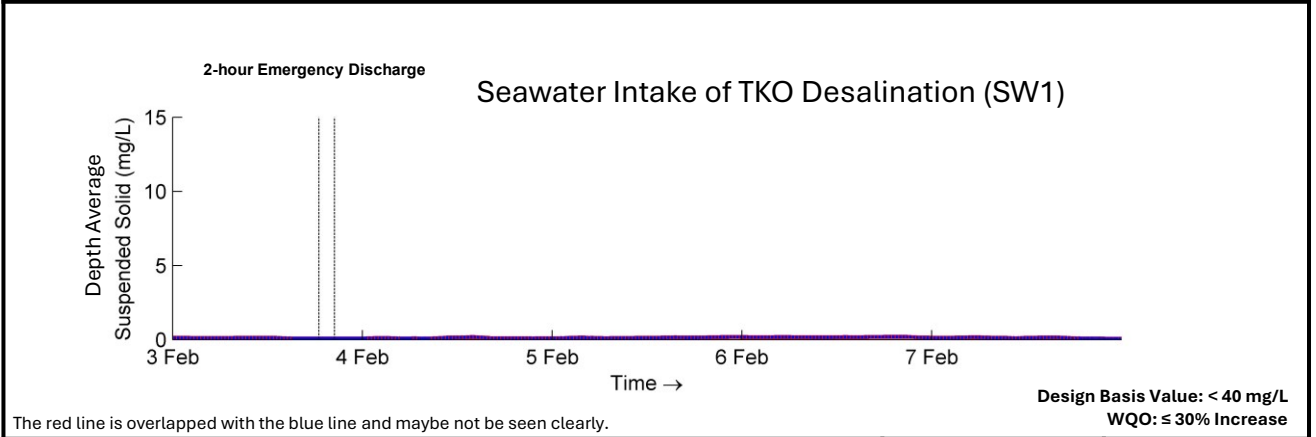
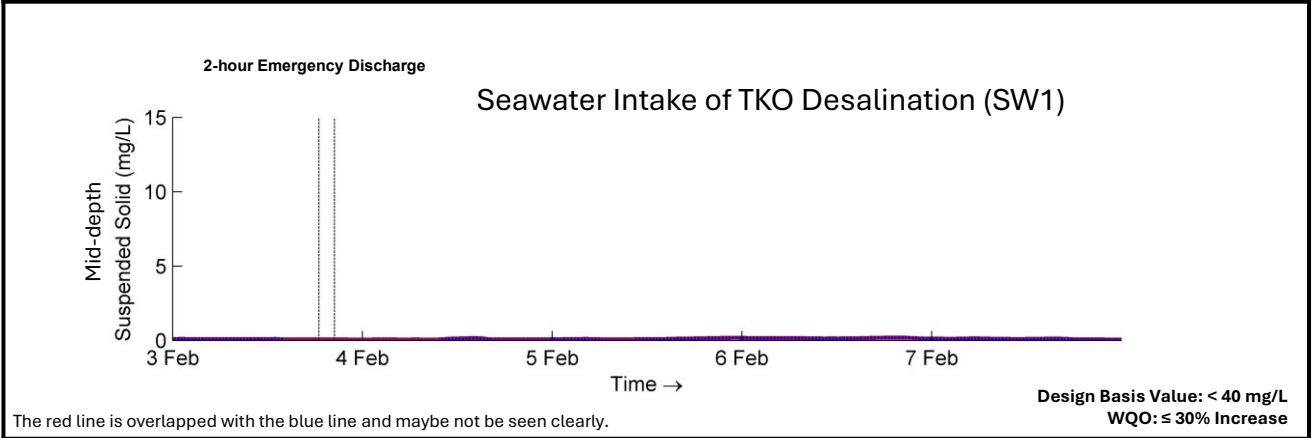
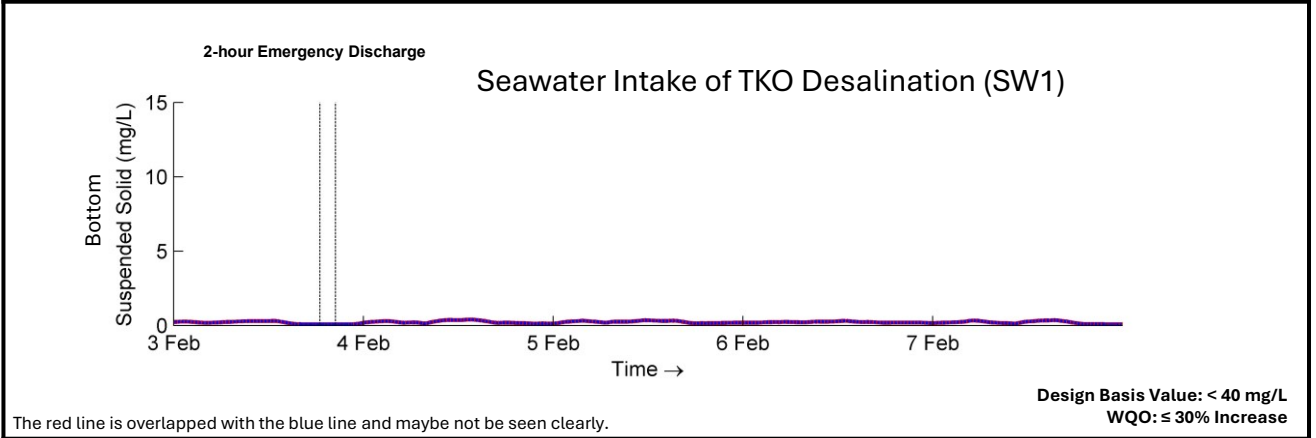
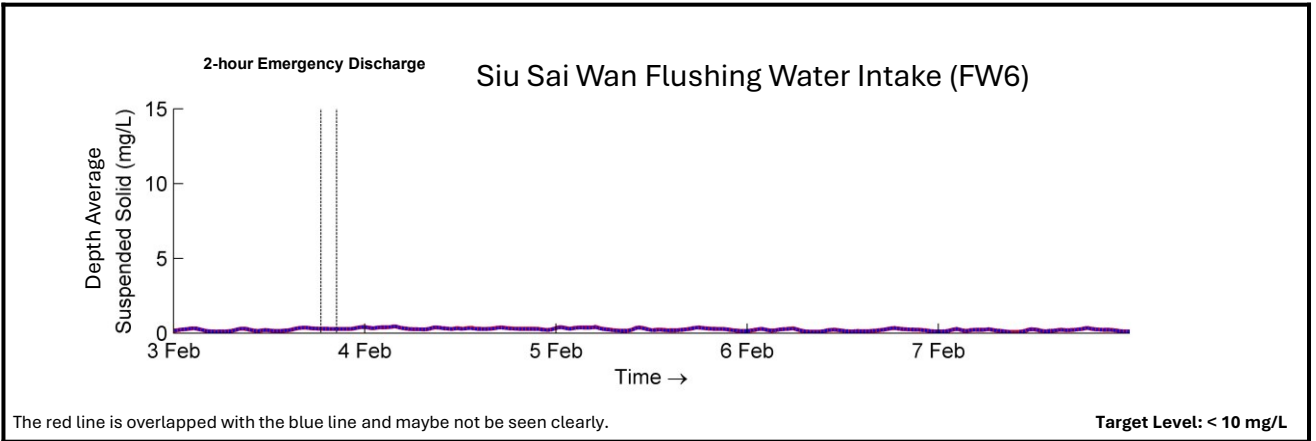
Timeseries Plot for Total Inorganic Nitrogen Top: CW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11g	9

Appendix 5.11h

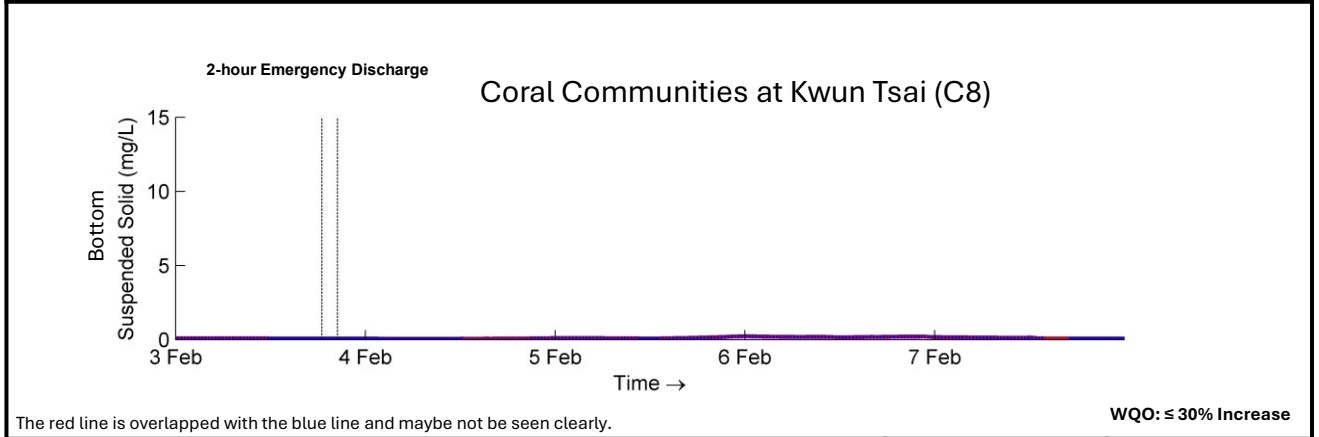
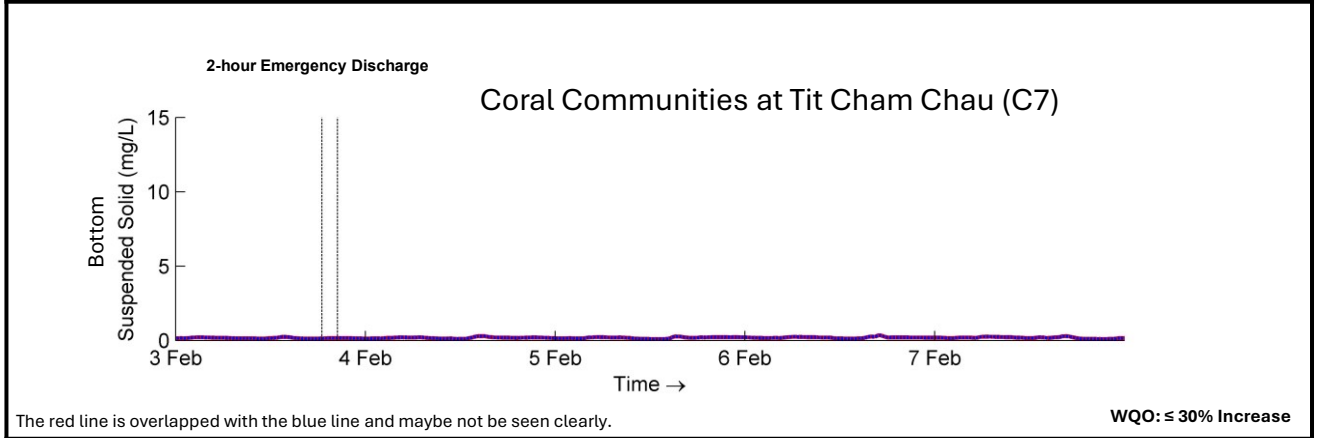
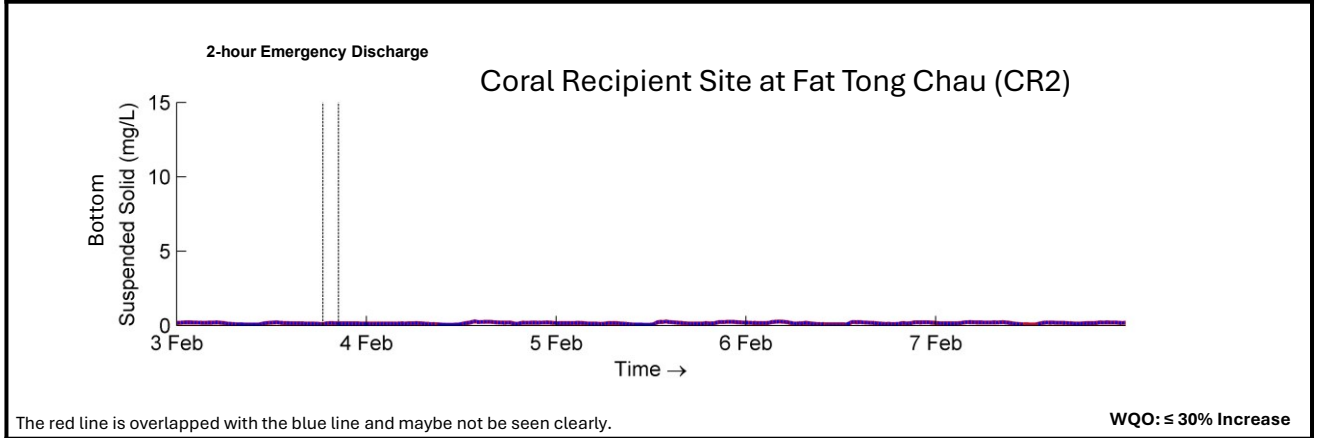
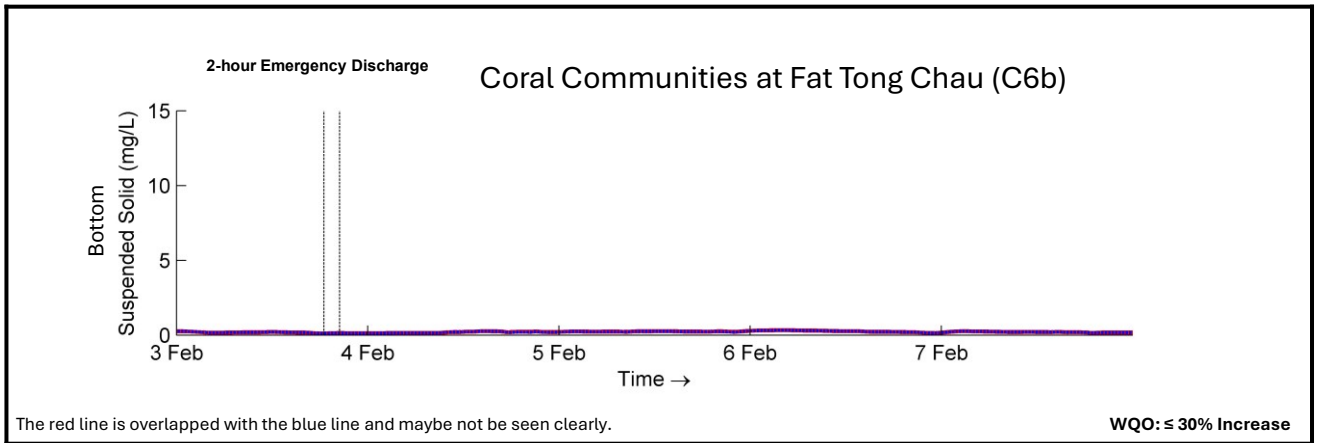
Operation Phase Water Quality Timeseries Plots - Suspended Solids

Appendix 5.11h Timeseries Plot for Suspended Solids

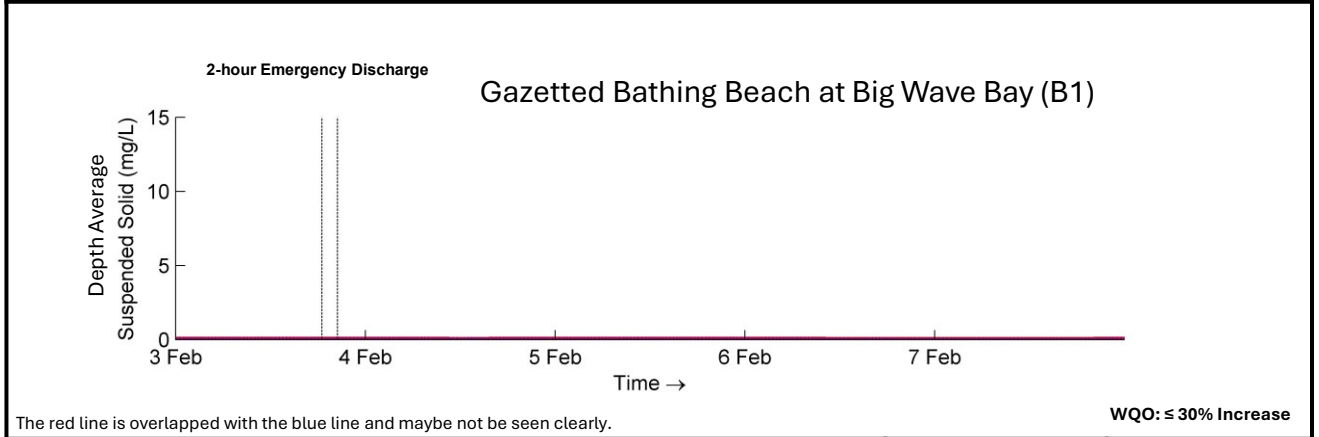
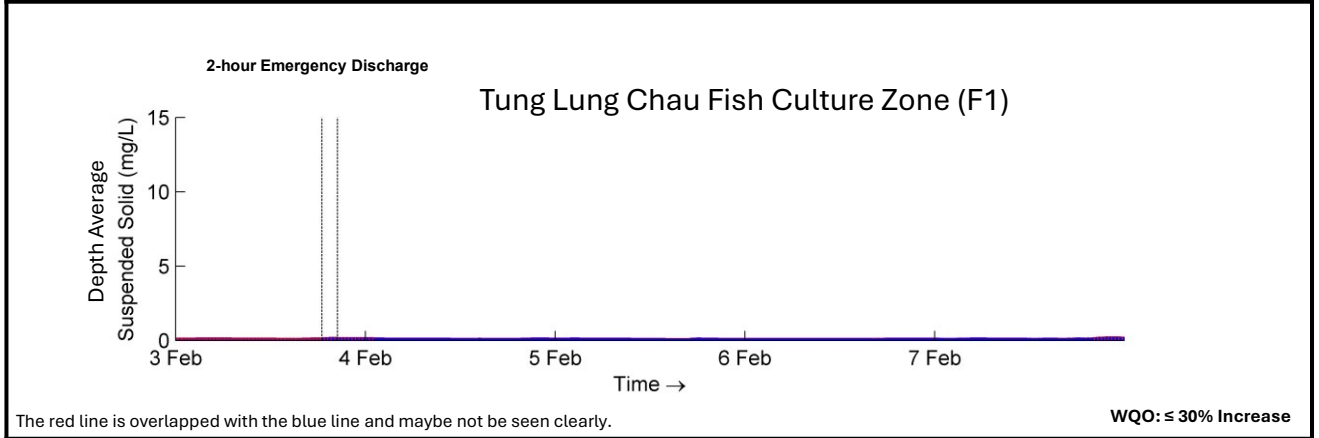
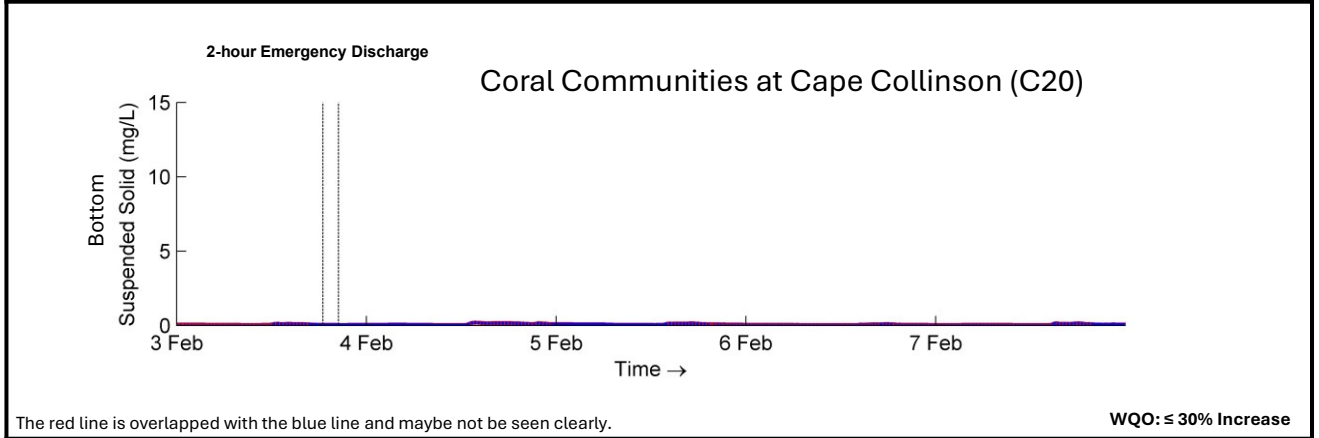
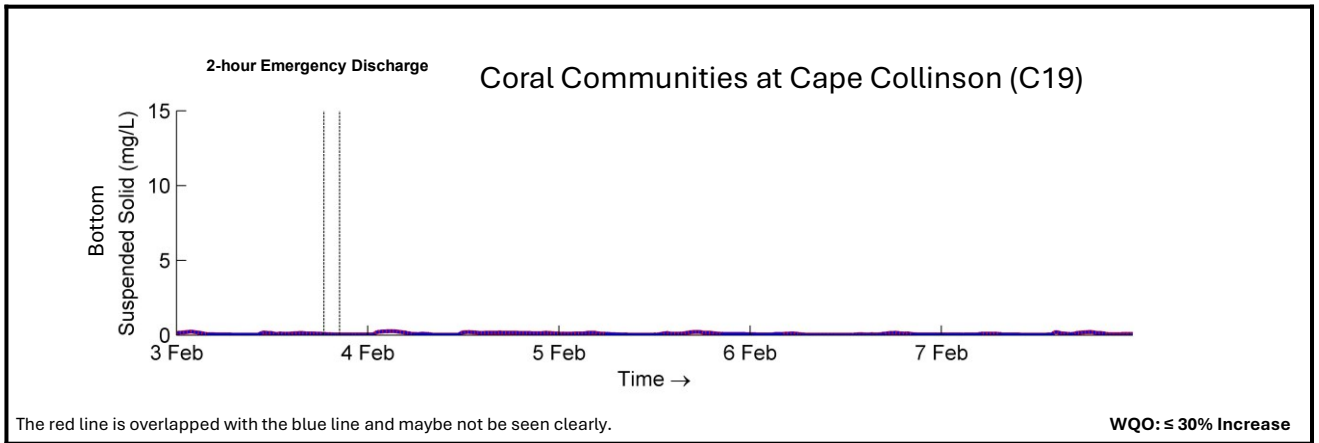
WSR	Assessment Layer	Season	Page & Location
FW6	Depth-Average	Dry	2 Top
SW1	Bottom	Dry	2 Upper
SW1	Mid-Depth	Dry	2 Lower
SW1	Depth-Average	Dry	2 Bottom
C6b	Bottom	Dry	3 Top
CR2	Bottom	Dry	3 Upper
C7	Bottom	Dry	3 Lower
C8	Bottom	Dry	3 Bottom
C19	Bottom	Dry	4 Top
C20	Bottom	Dry	4 Upper
F1	Depth-Average	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
F2	Depth-Average	Wet	8 Bottom
CW5	Depth-Average	Wet	9 Top



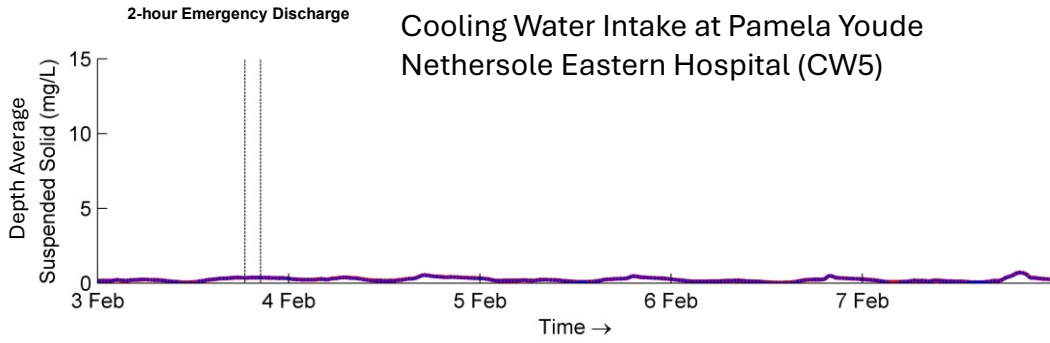
Timeseries Plot for Suspended Solids Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11h	2



Timeseries Plot for Suspended Solids 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 5.11h	3



Timeseries Plot for Suspended Solids 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 5.11h
4	



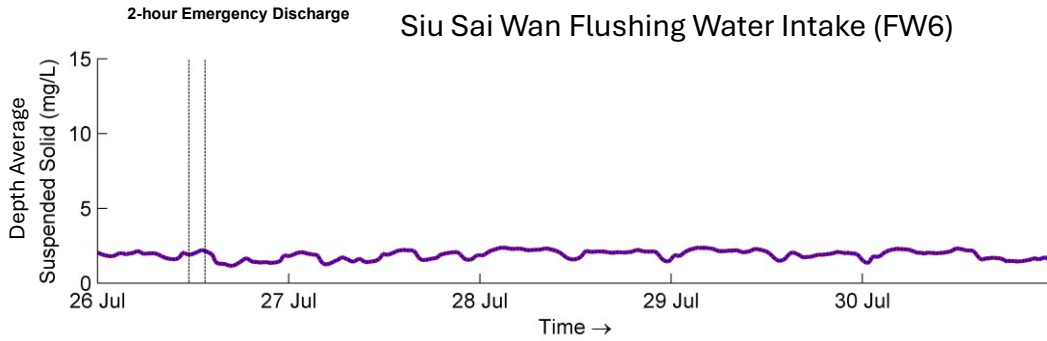
The red line is overlapped with the blue line and maybe not be seen clearly.

No WQO is available

Timeseries Plot for Suspended Solids
 Top: CW5 Depth-Average
 Blue: Normal EPP Operation
 Red: "With 2-hour Emergency Discharge" Scenario

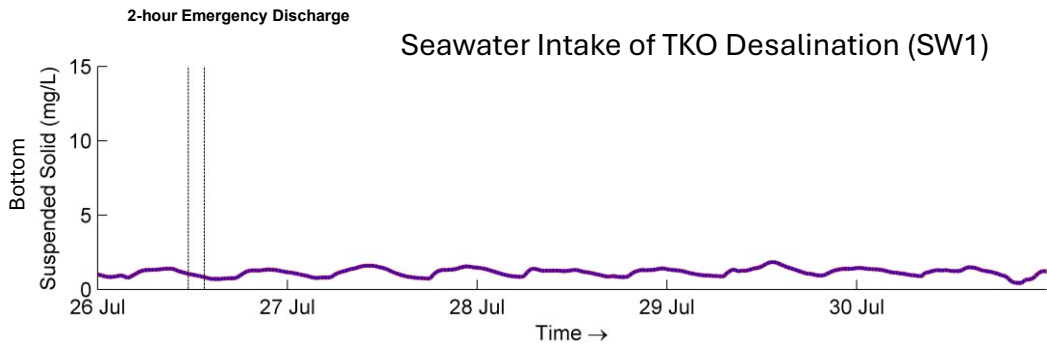
Dry

CE 40/2023 (CE)



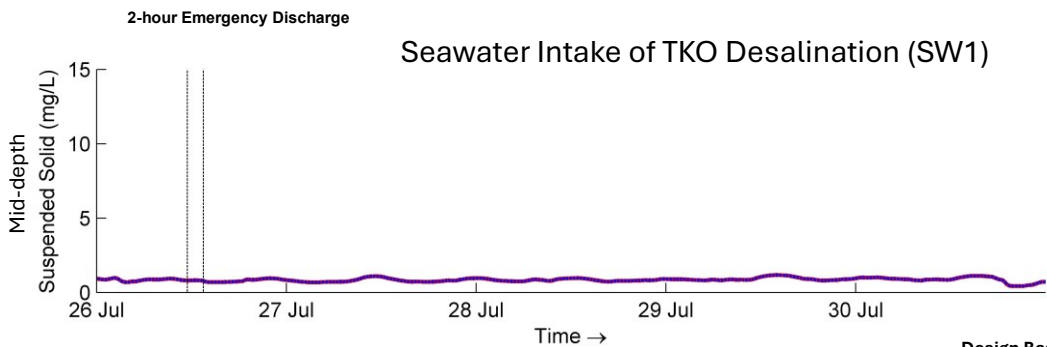
The red line is overlapped with the blue line and maybe not be seen clearly.

Target Level: < 10 mg/L



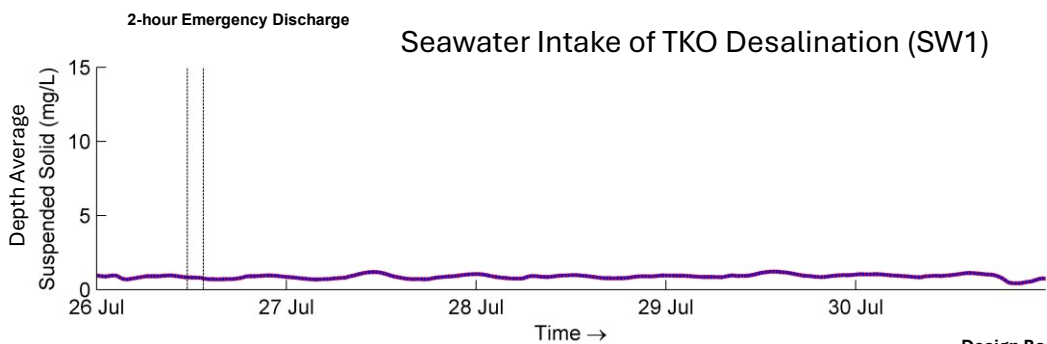
The red line is overlapped with the blue line and maybe not be seen clearly.

Design Basis Value: < 40 mg/L
WQO: ≤ 30% Increase



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

Design Basis Value: < 40 mg/L
WQO: ≤ 30% Increase



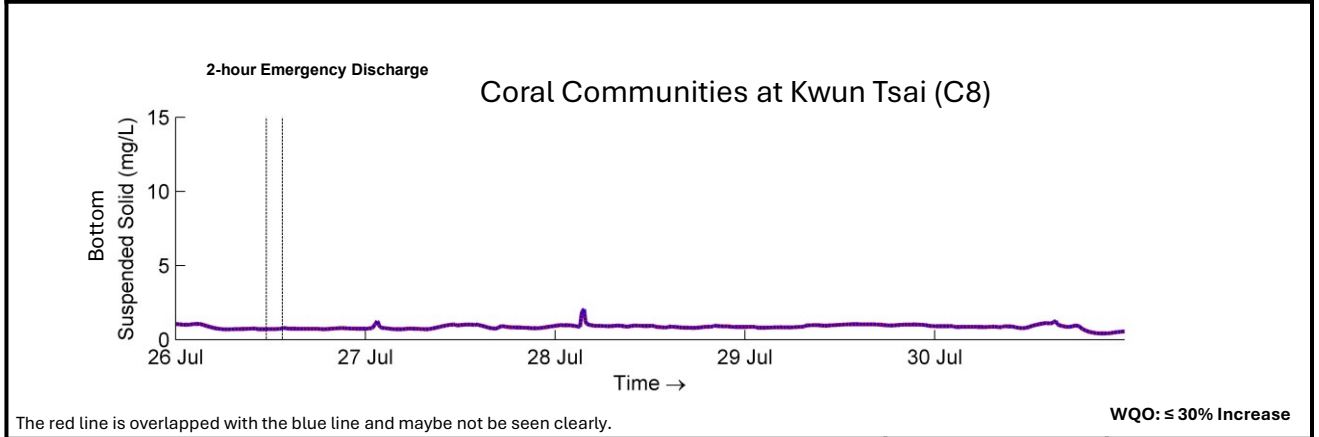
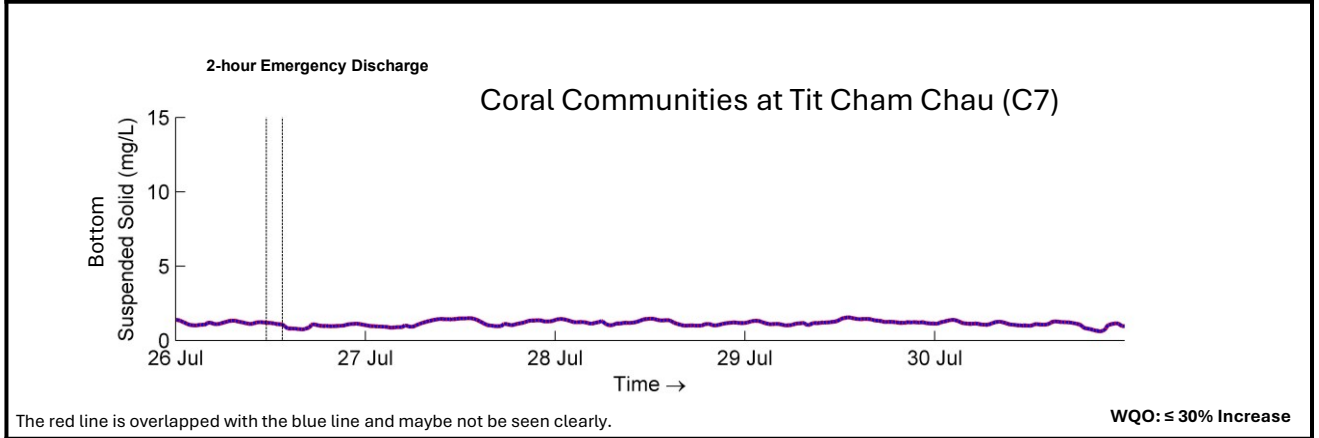
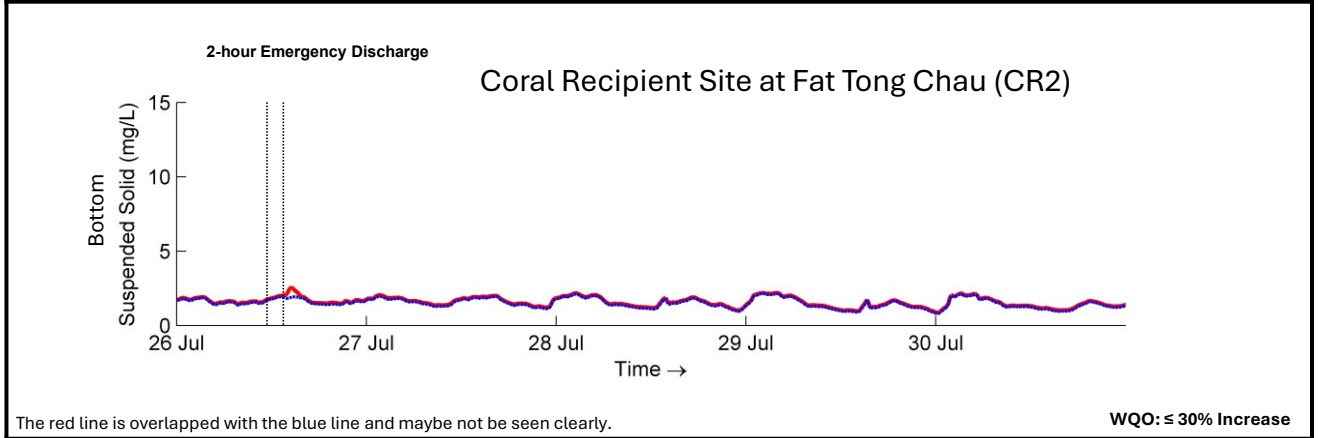
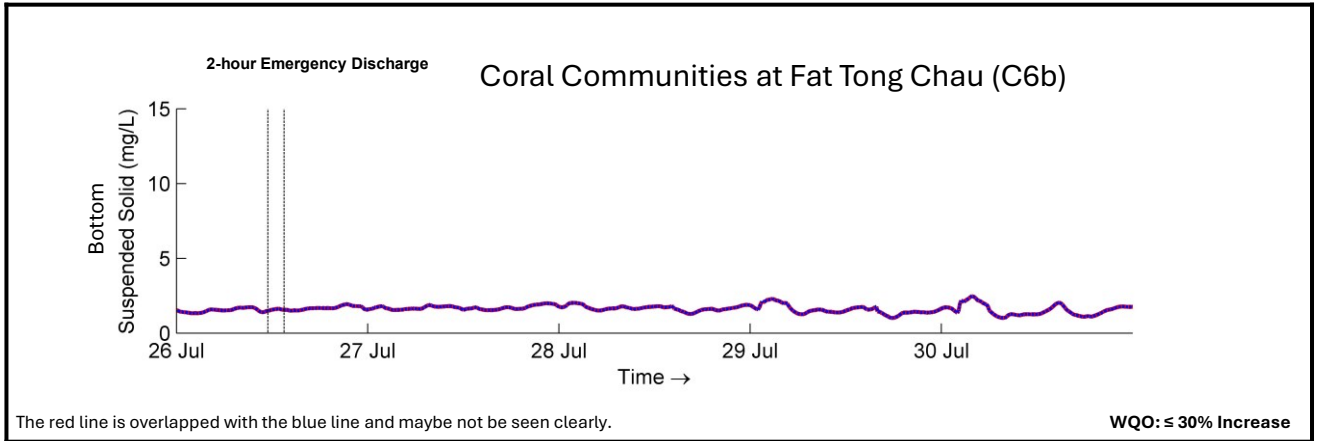
The red line is overlapped with the blue line and maybe not be seen clearly.

Design Basis Value: < 40 mg/L
WQO: ≤ 30% Increase

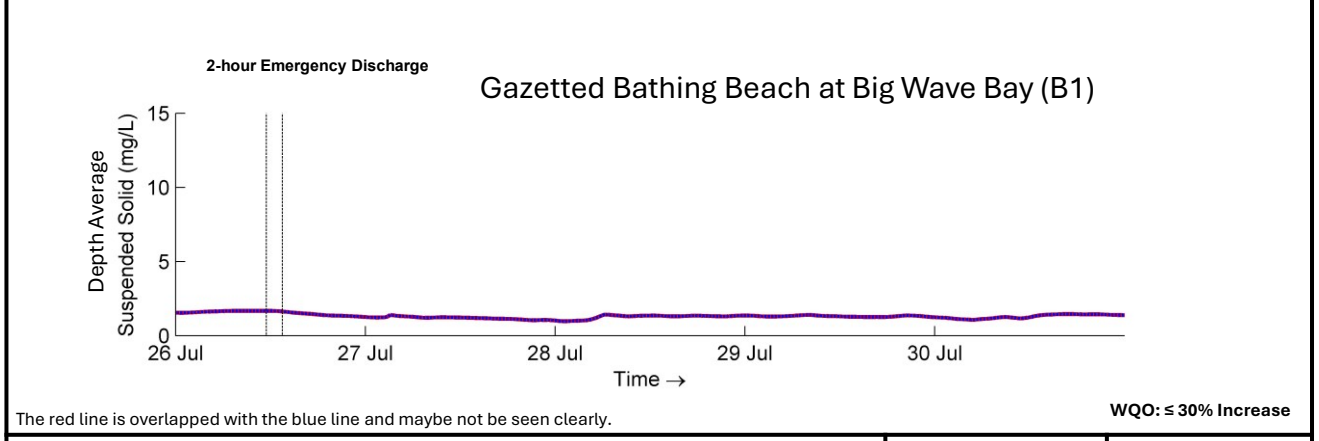
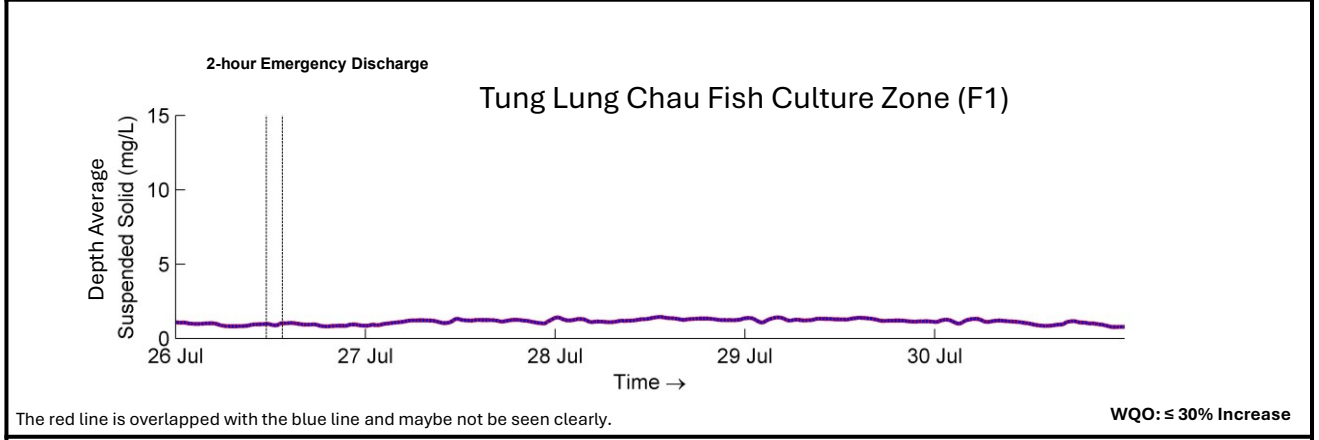
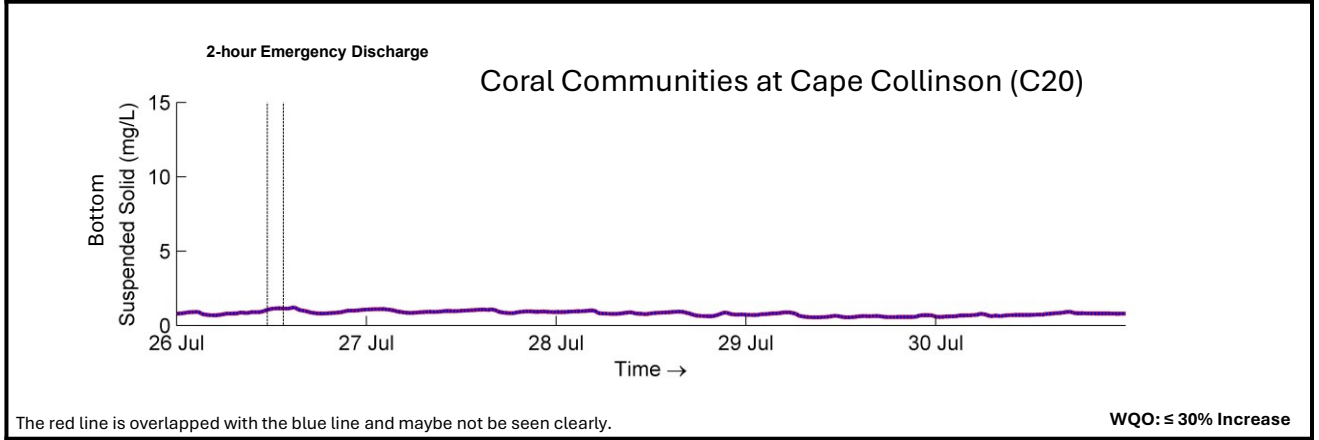
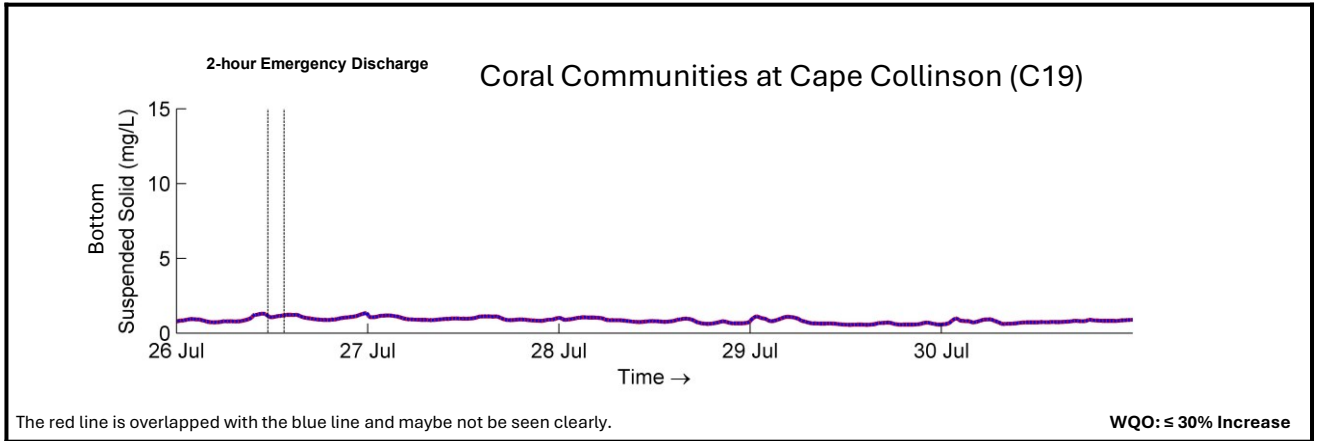
Timeseries Plot for Suspended Solids
 Top: FW6 Depth-Average; Upper: SW1 Bottom;
 Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average
 Blue: Normal EPP Operation
 Red: "With 2-hour Emergency Discharge" Scenario

Wet

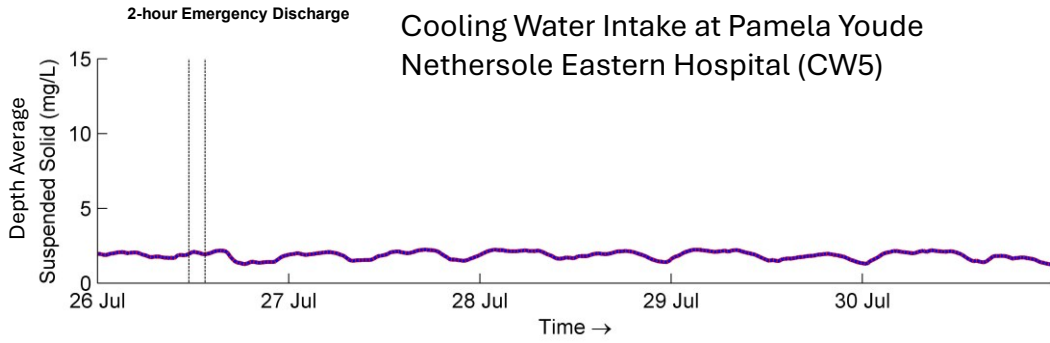
CE 40/2023 (CE)



Timeseries Plot for Suspended Solids 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 5.11h 7



Timeseries Plot for Suspended Solids 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	Wet
CE 40/2023 (CE)	
Binnies	Appendix 5.11h 8



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

No WQO is available

Timeseries Plot for Suspended Solids
 Top: CW5 Depth-Average
 Blue: Normal EPP Operation
 Red: "With 2-hour Emergency Discharge" Scenario

Wet

CE 40/2023 (CE)

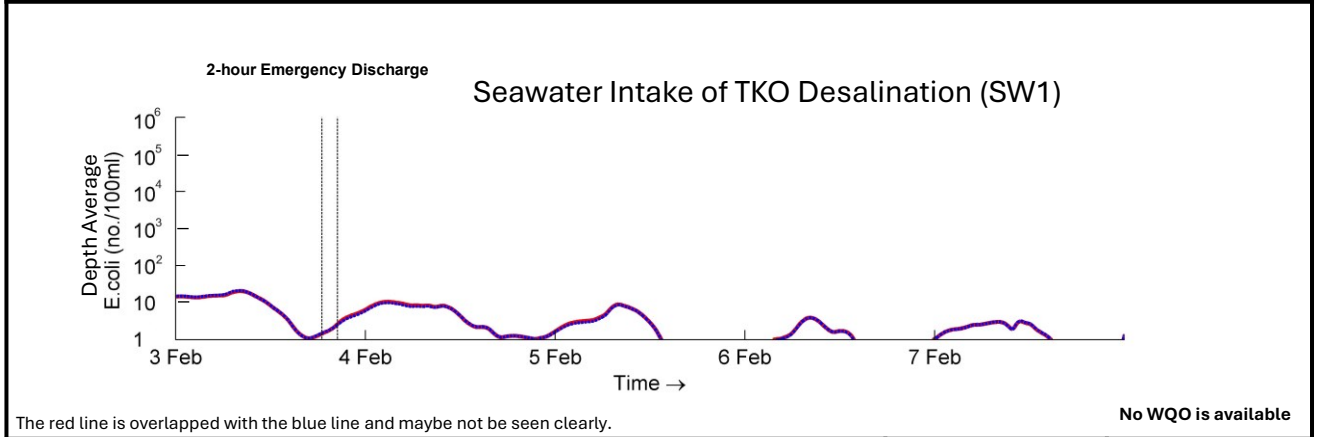
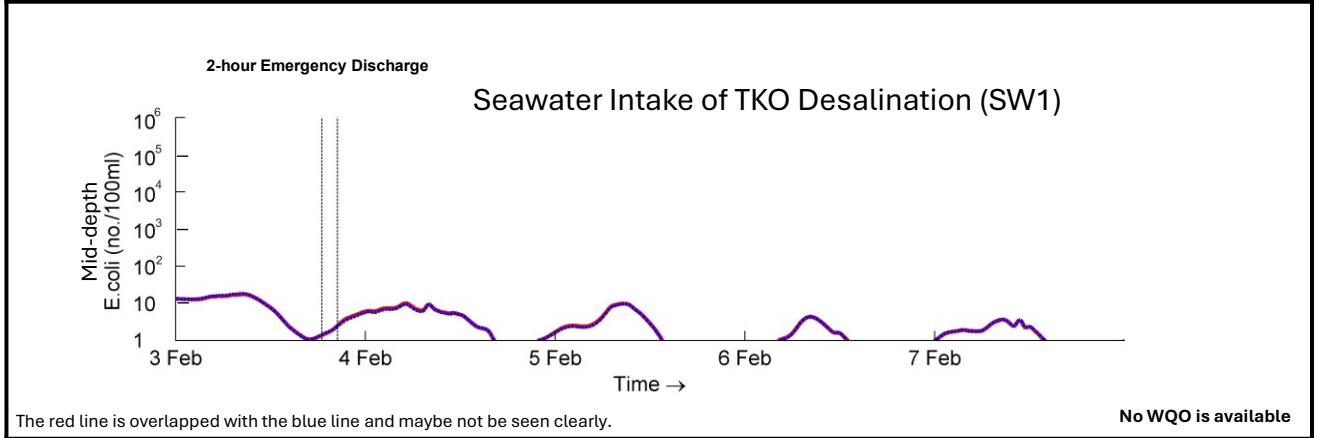
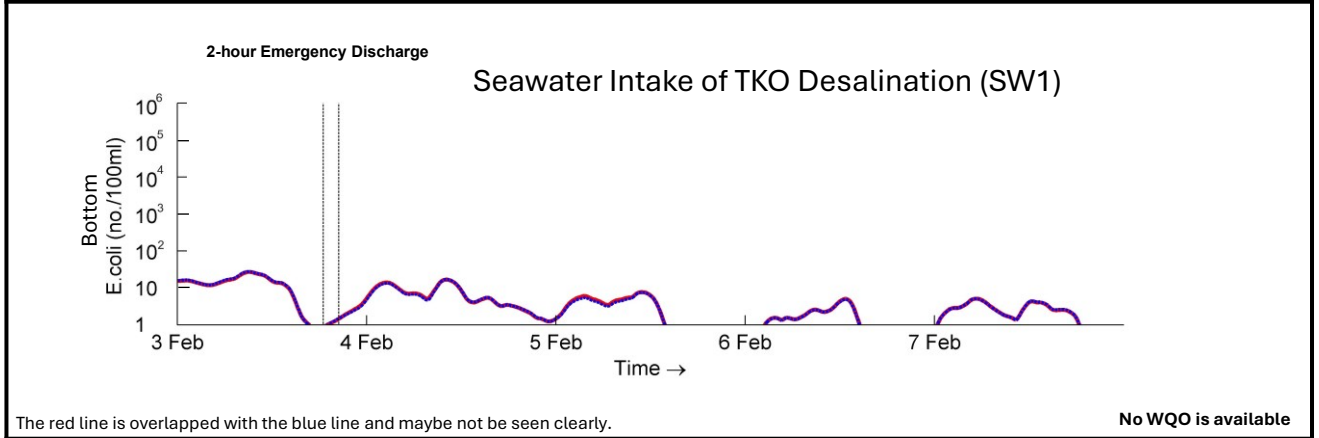
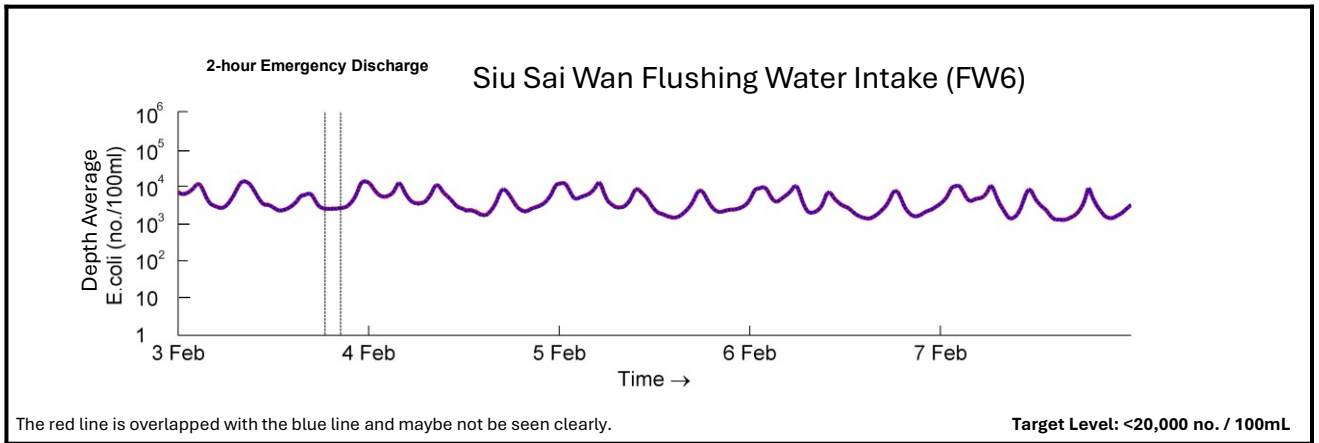
Appendix 5.11i

Operation Phase Water Quality Timeseries Plots and Table of Maximum Levels

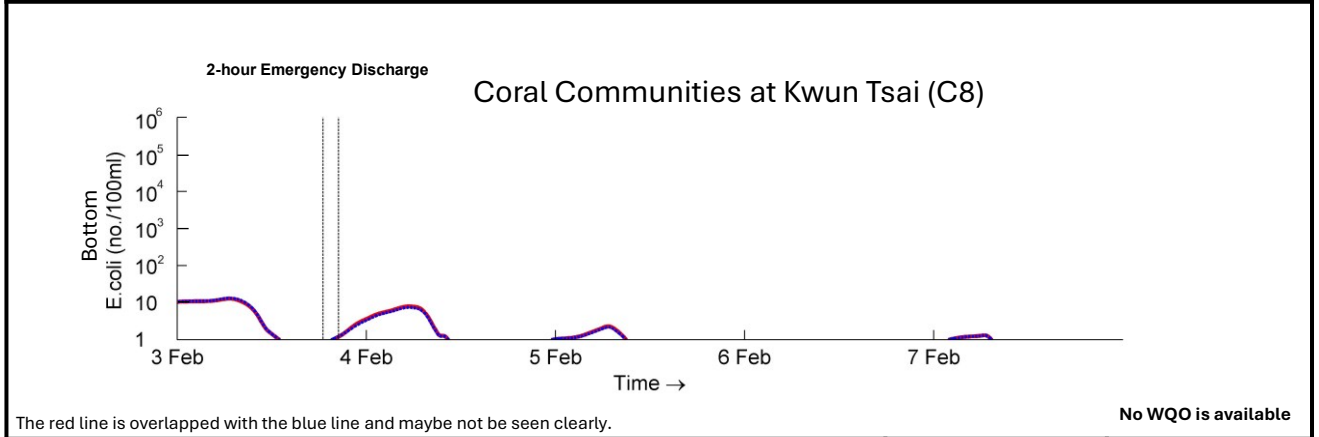
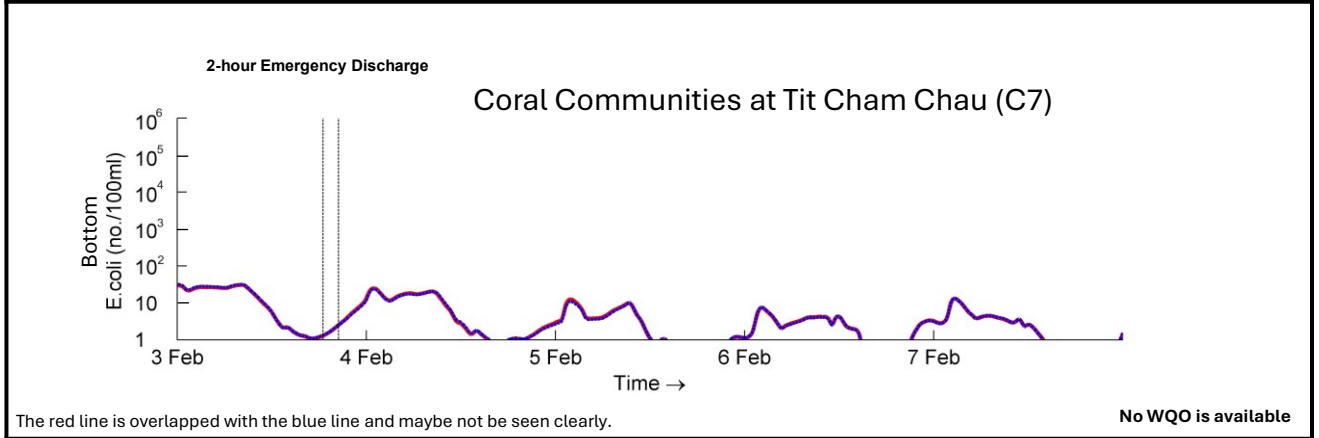
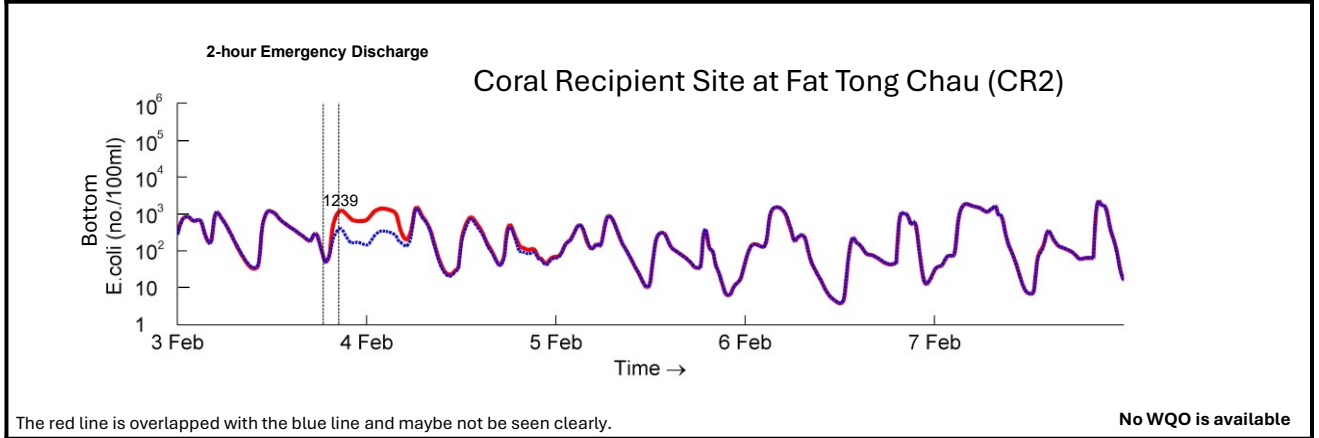
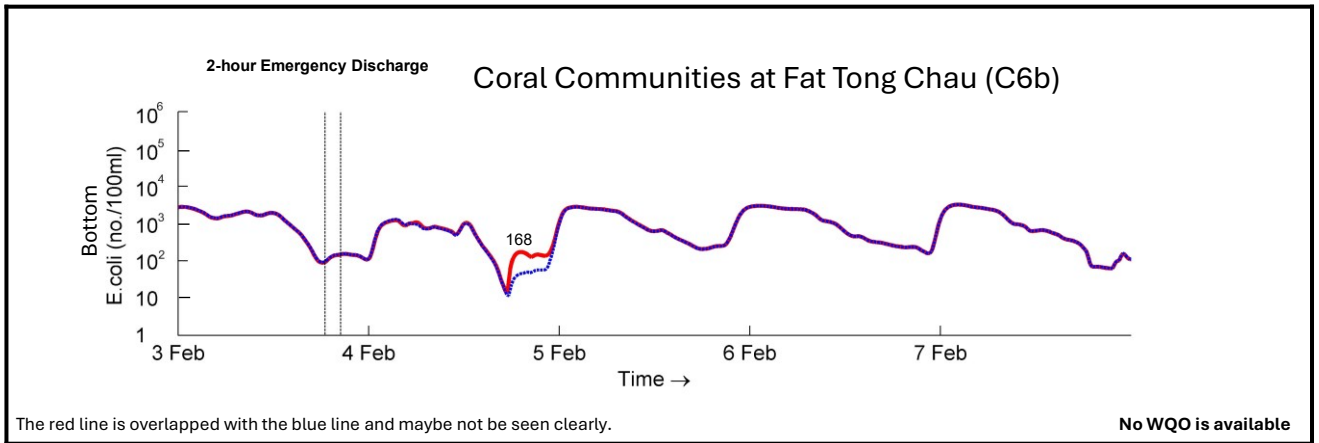
- *E. coli*

Appendix 5.11i Timeseries Plot for *E.coli* and Table Tabulating the Maximum Levels

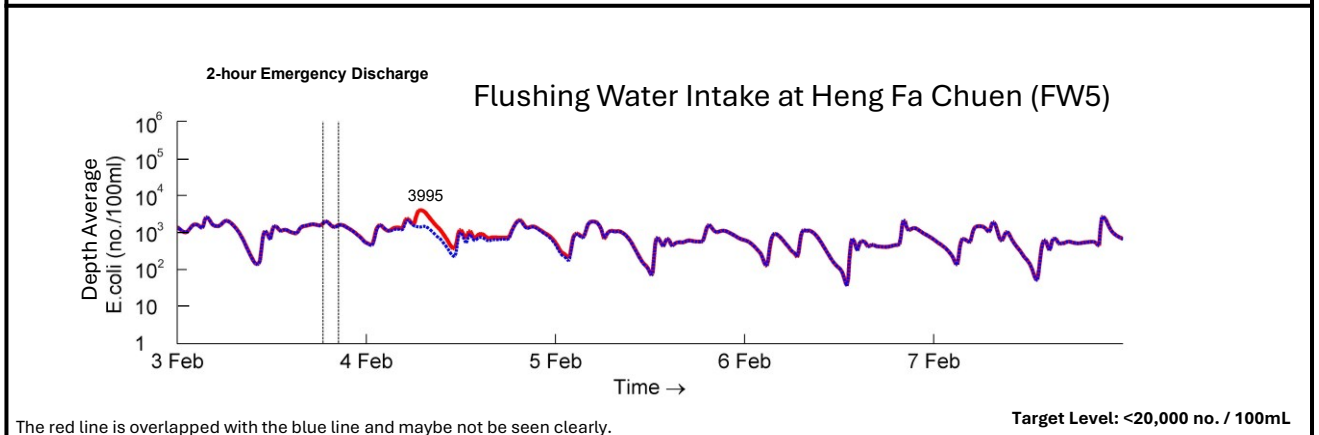
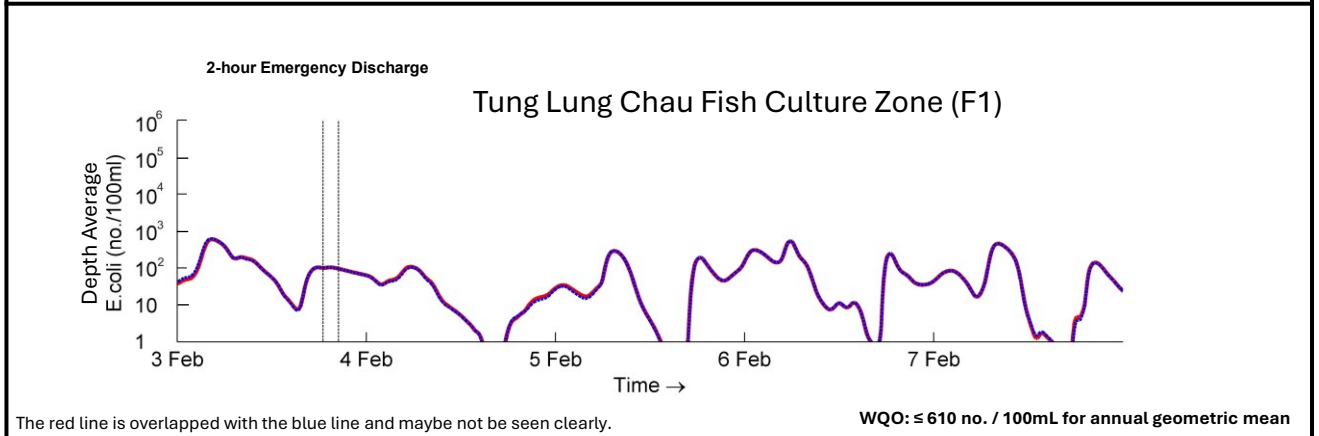
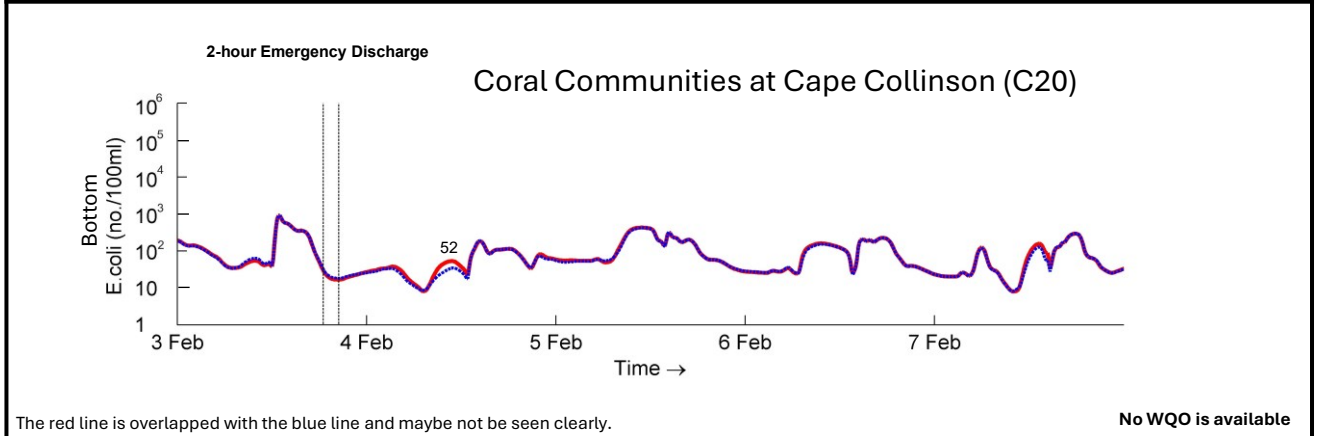
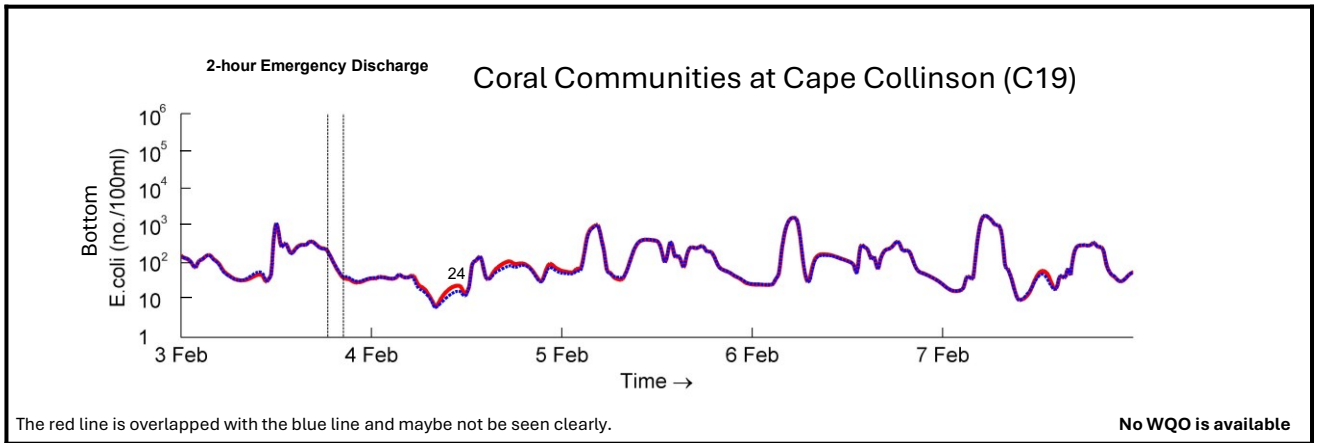
WSR	Assessment Layer	Season	Page & Location
FW6	Depth-Average	Dry	2 Top
SW1	Bottom	Dry	2 Upper
SW1	Mid-Depth	Dry	2 Lower
SW1	Depth-Average	Dry	2 Bottom
C6b	Bottom	Dry	3 Top
CR2	Bottom	Dry	3 Upper
C7	Bottom	Dry	3 Lower
C8	Bottom	Dry	3 Bottom
C19	Bottom	Dry	4 Top
C20	Bottom	Dry	4 Upper
F1	Depth-Average	Dry	4 Lower
FW5	Depth-Average	Dry	4 Bottom
CW5	Depth-Average	Dry	5 Top
B1	Depth-Average	Dry	5 Upper
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
FW5	Depth-Average	Wet	8 Bottom
CW5	Depth-Average	Dry	9 Top
B1	Depth-Average	Dry	9 Upper



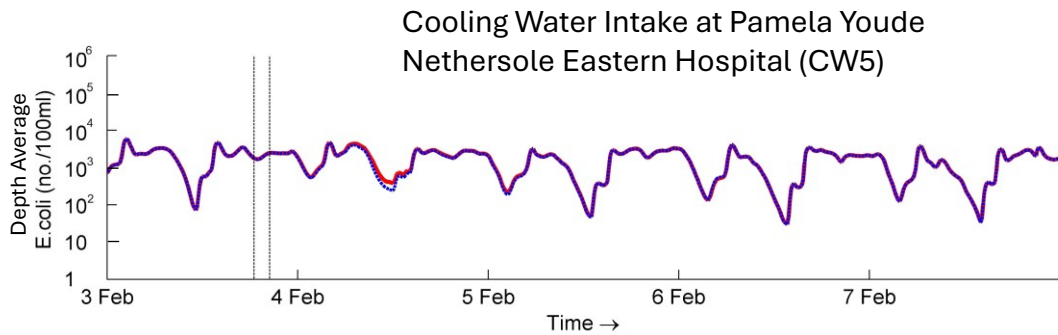
Timeseries Plot for E.coli Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11i	2



<p>Timeseries Plot for E.coli Top: C6b Bottom; Upper: CR2 Bottom; Lower: C7 Bottom; Bottom: C8 Bottom Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11i	3

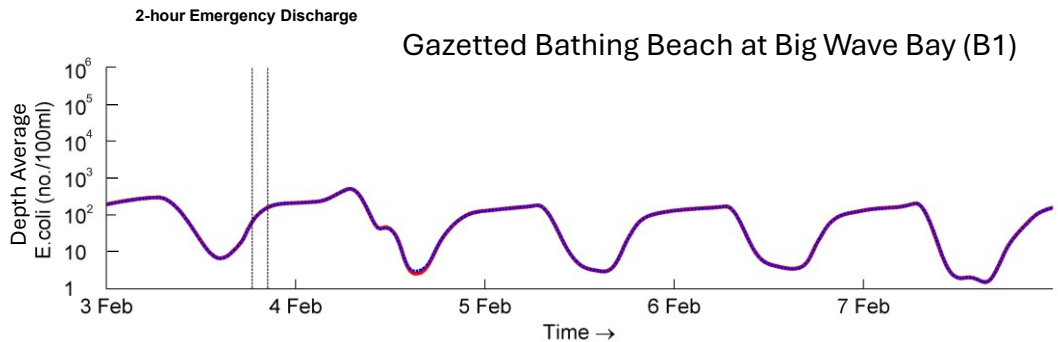


<p>Timeseries Plot for E.coli Top: C19 Bottom; Upper: C20 Bottom; Lower: F1 Depth-Average; Bottom: FW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11i	4



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

No WQO is available



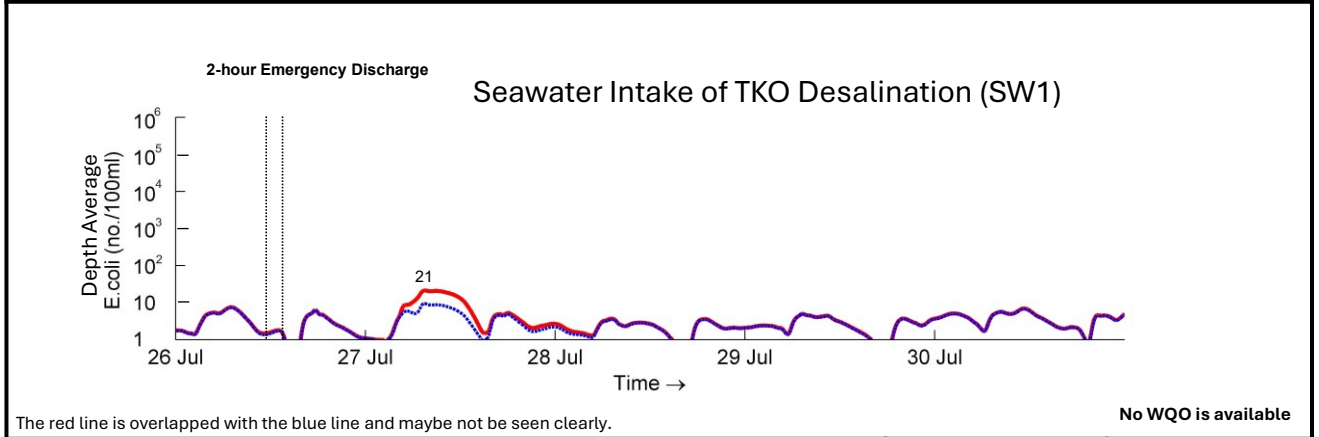
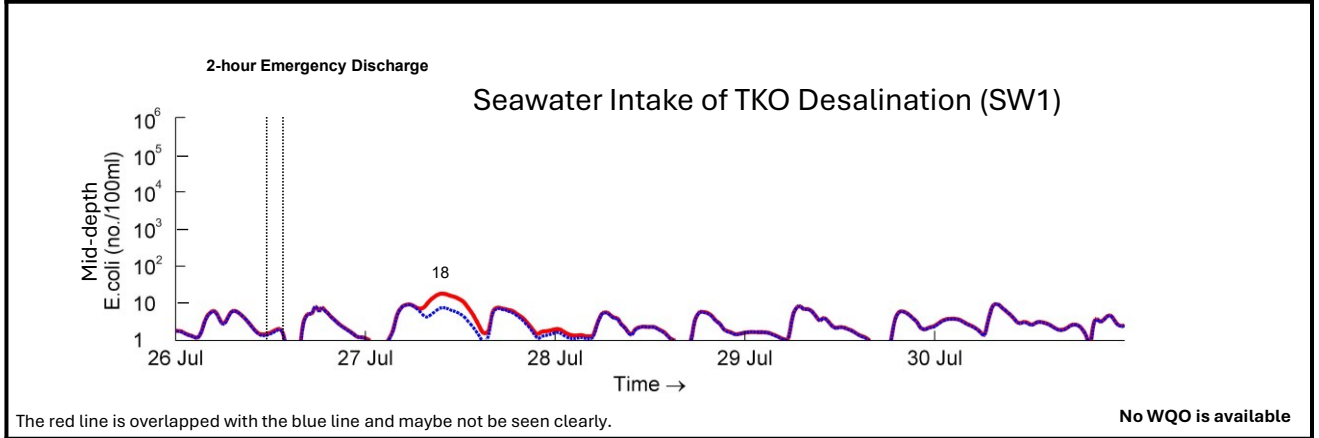
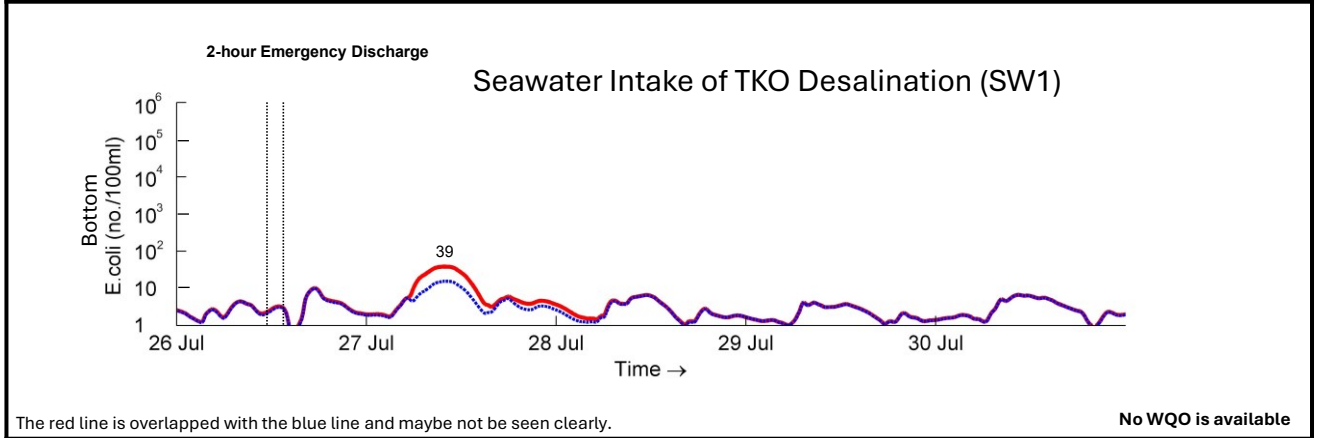
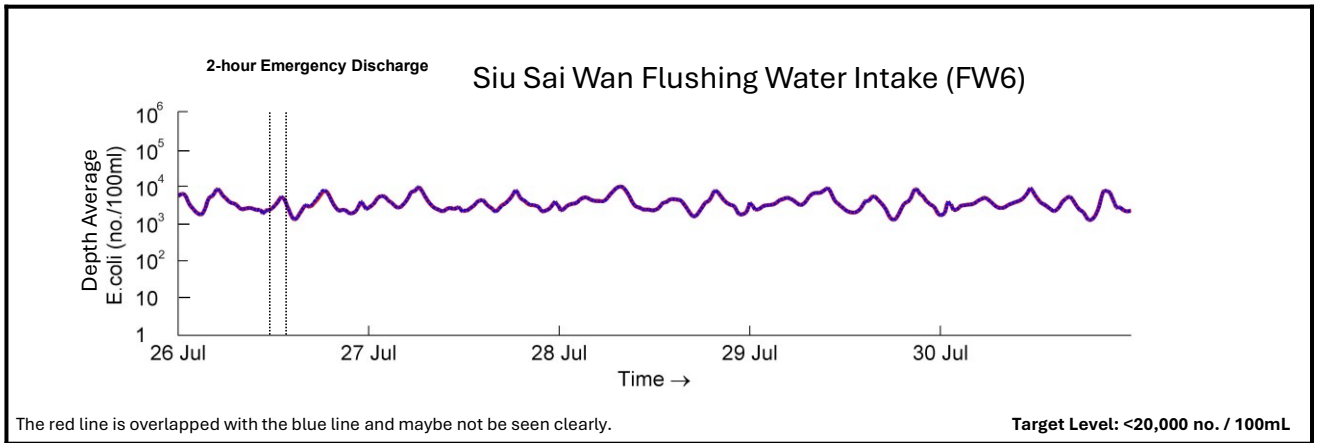
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≤ 180 no. / 100mL for annual geometric mean (March to October)

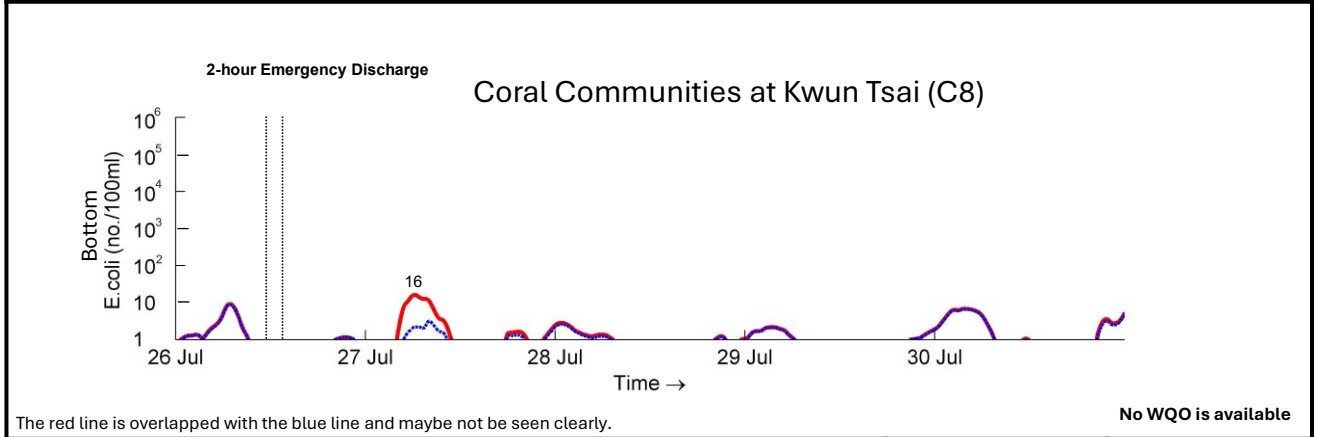
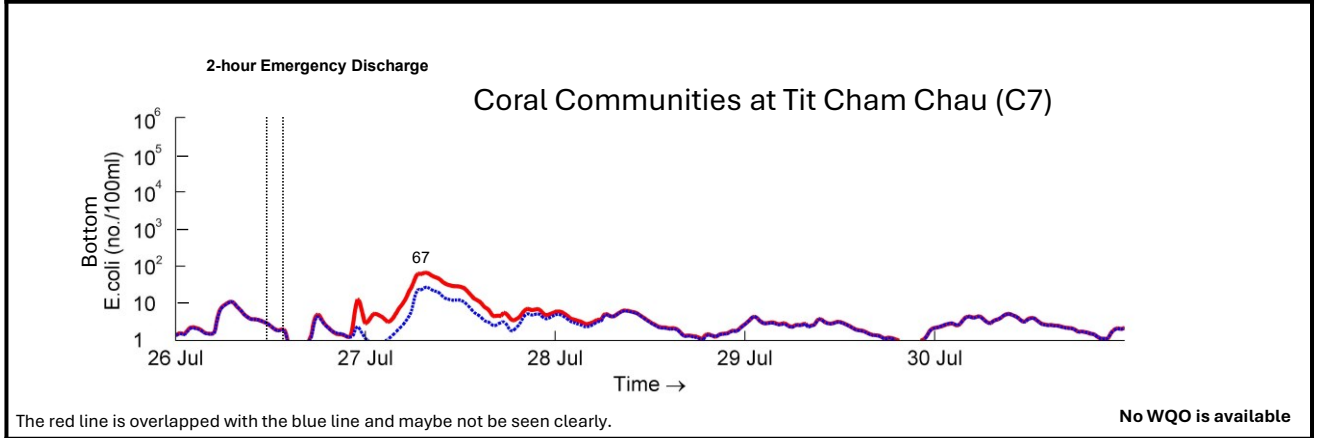
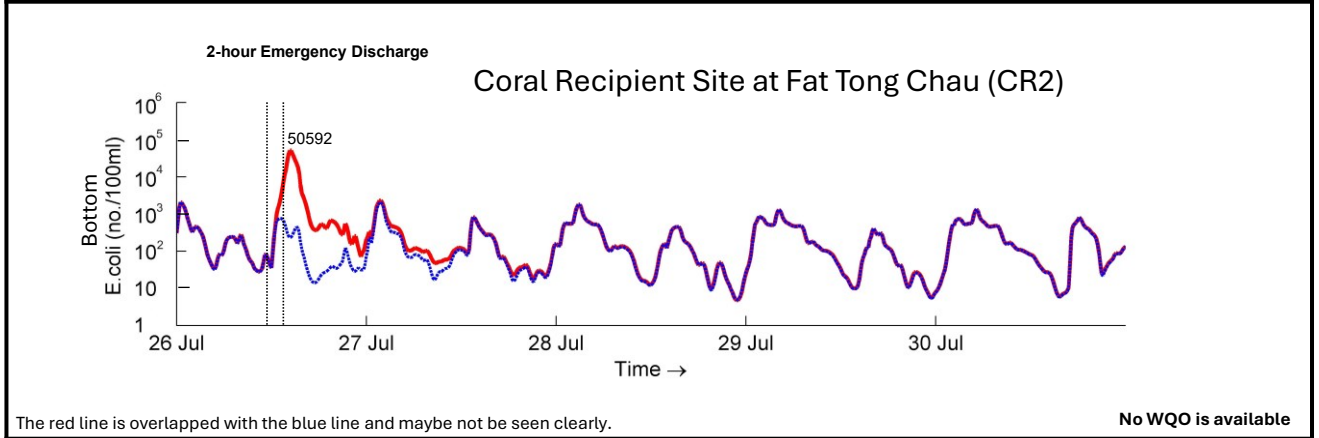
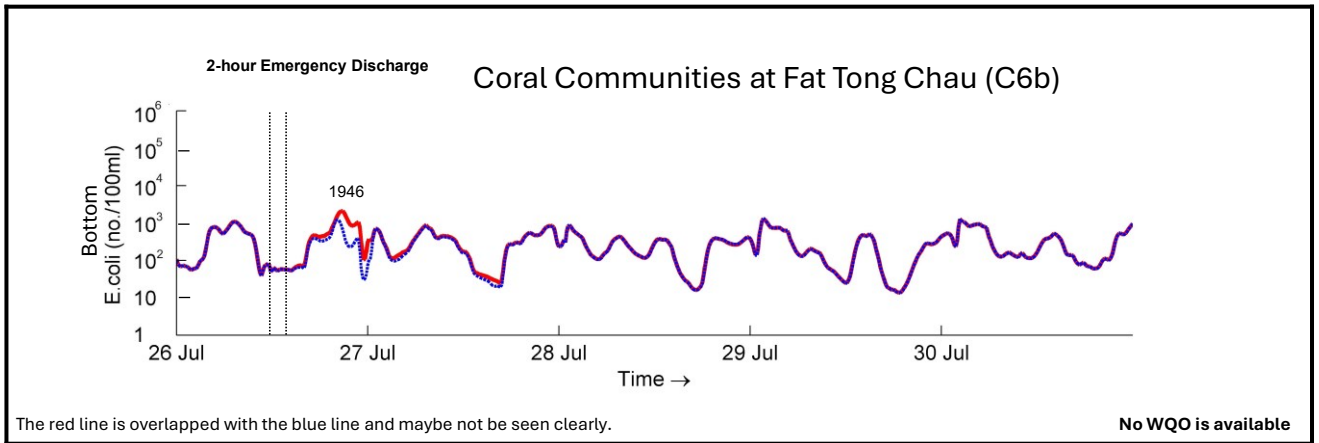
Timeseries Plot for E.coli
 Top: CW5 Depth-Average; Upper: B1 Depth-Average
 Blue: Normal EPP Operation
 Red: "With 2-hour Emergency Discharge" Scenario

Dry

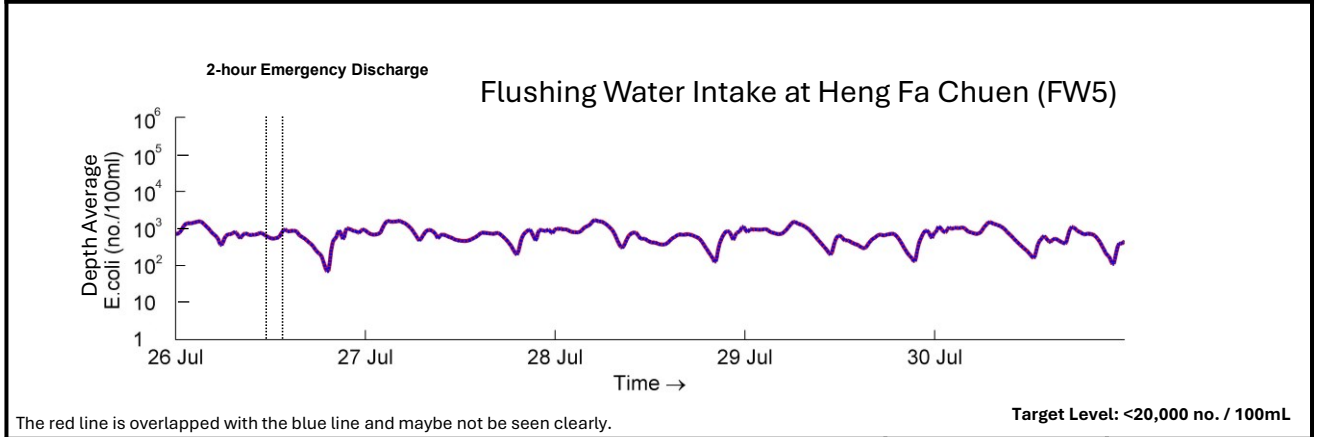
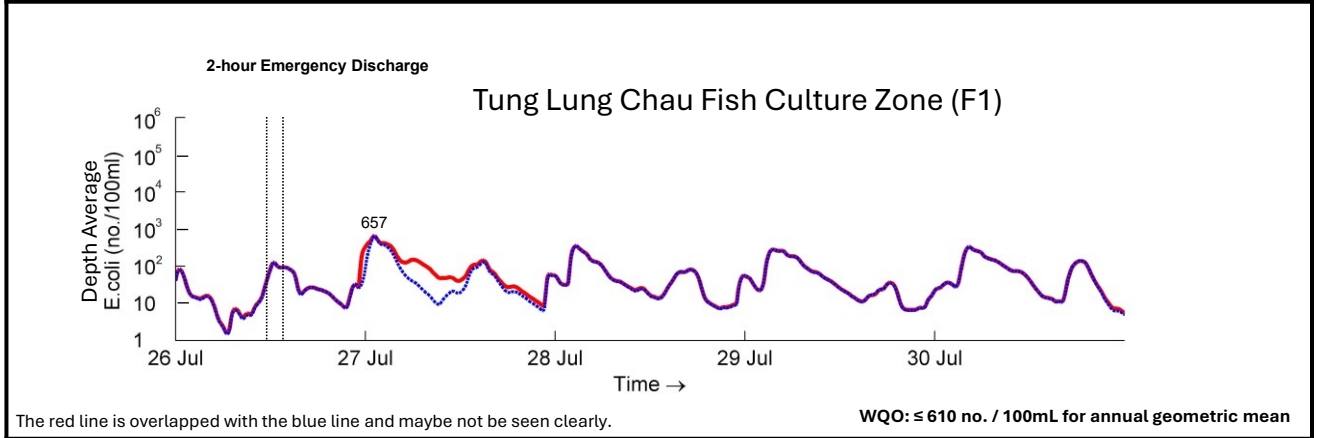
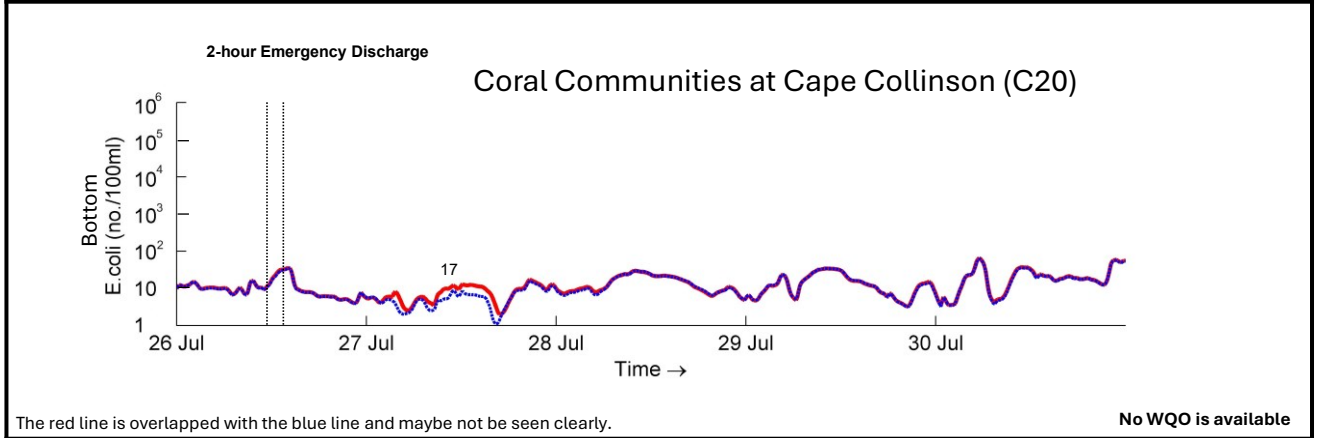
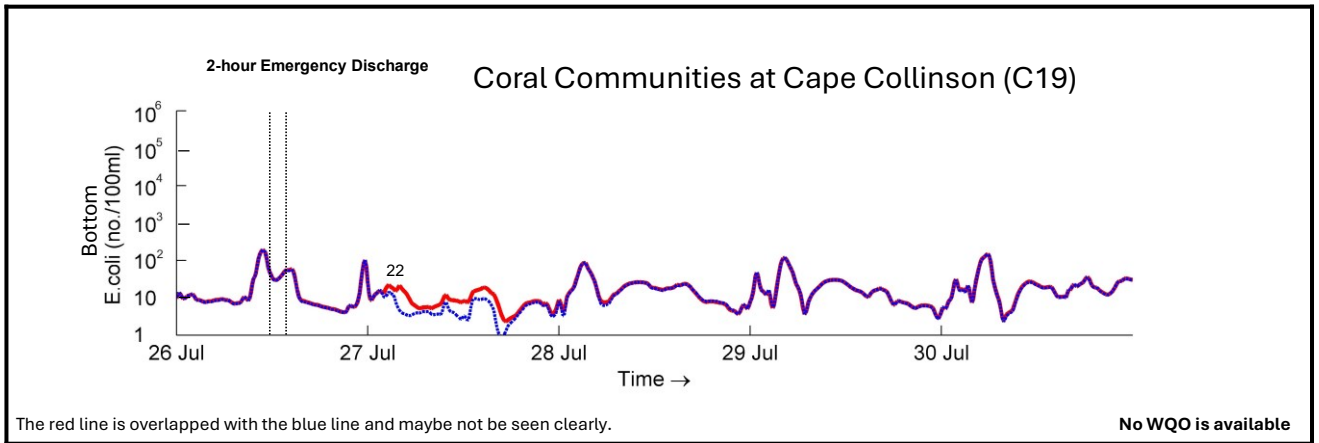
CE 40/2023 (CE)



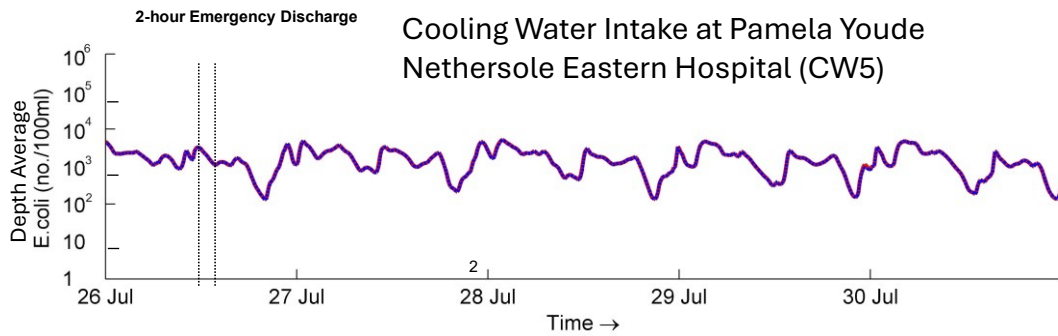
Timeseries Plot for E.coli Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11i	6



<p>Timeseries Plot for E.coli Top: C6b Bottom; Upper: CR2 Bottom; Lower: C7 Bottom; Bottom: C8 Bottom Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11i	7

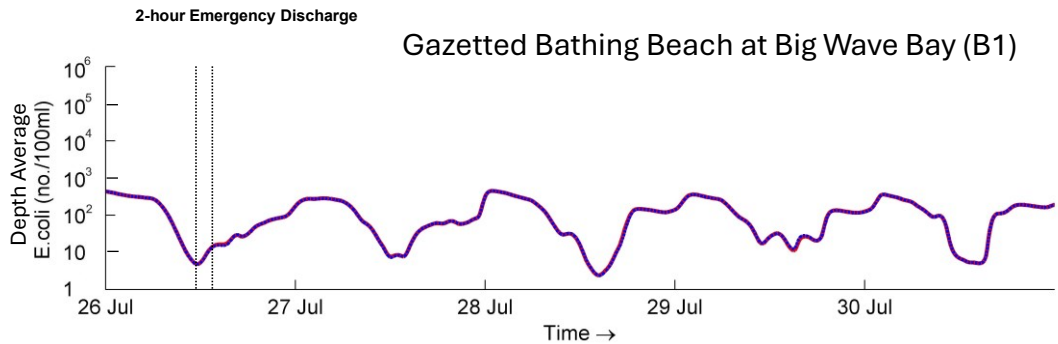


<p>Timeseries Plot for E.coli Top: C19 Bottom; Upper: C20 Bottom; Lower: F1 Depth-Average; Bottom: FW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11i	8



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: ≤ 180 no. / 100mL for annual geometric mean (March to October)

Timeseries Plot for E.coli
 Top: CW5 Depth-Average; Upper: B1 Depth-Average
 Blue: Normal EPP Operation
 Red: "With 2-hour Emergency Discharge" Scenario

Wet

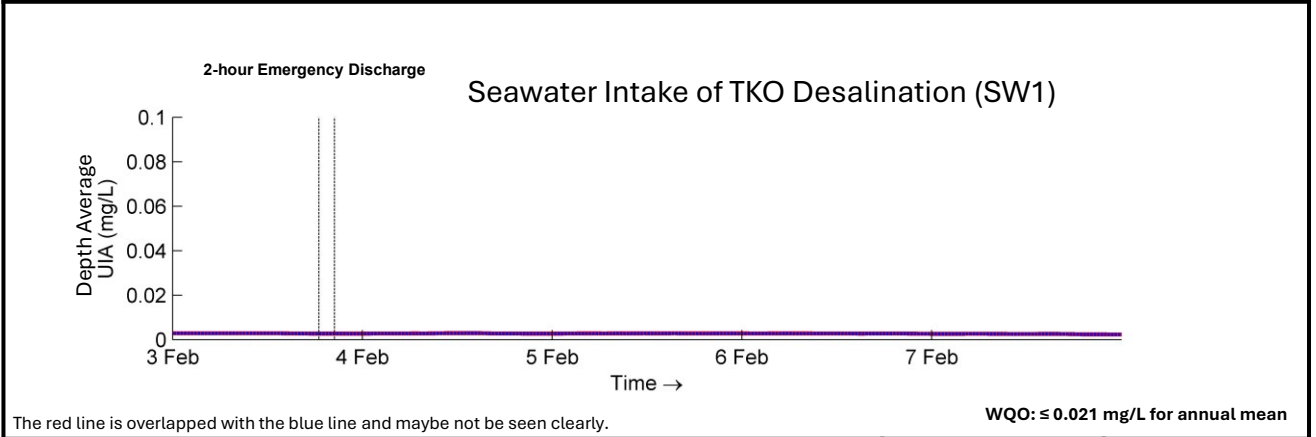
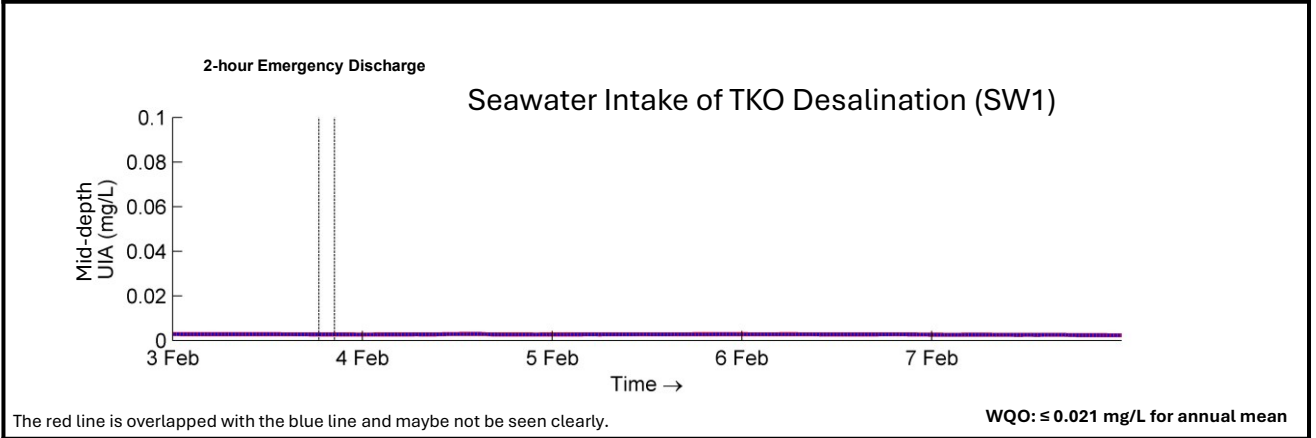
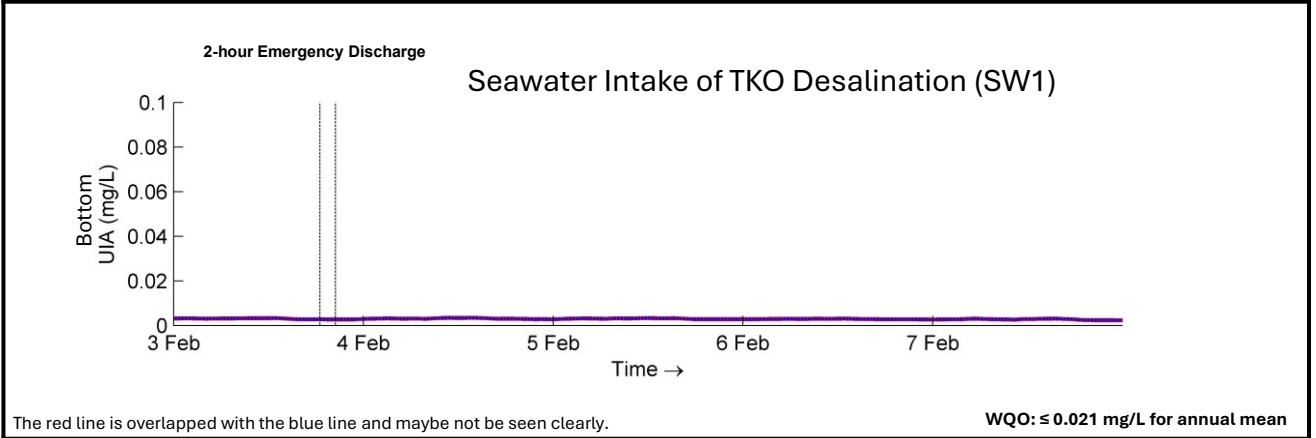
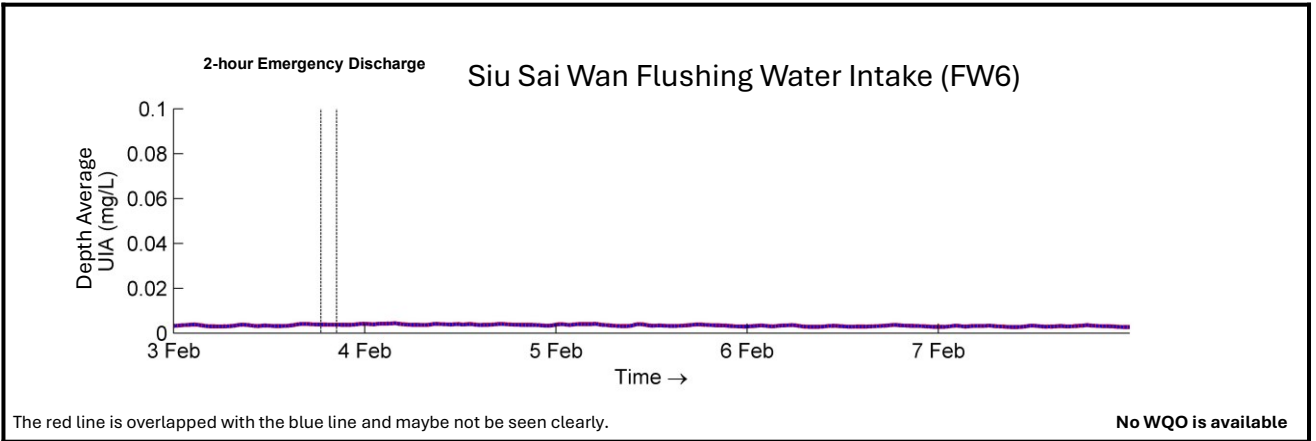
CE 40/2023 (CE)

Appendix 5.11j

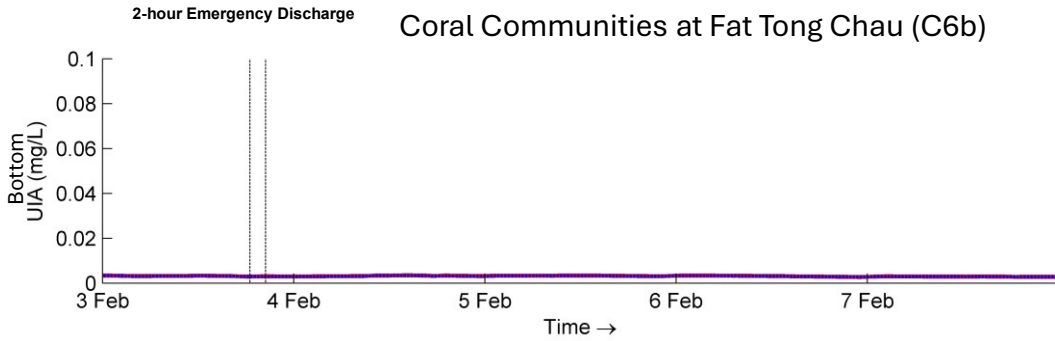
Operation Phase Water Quality Timeseries Plots - Unionized Ammonia

Appendix 5.11j Timeseries Plot for UIA

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

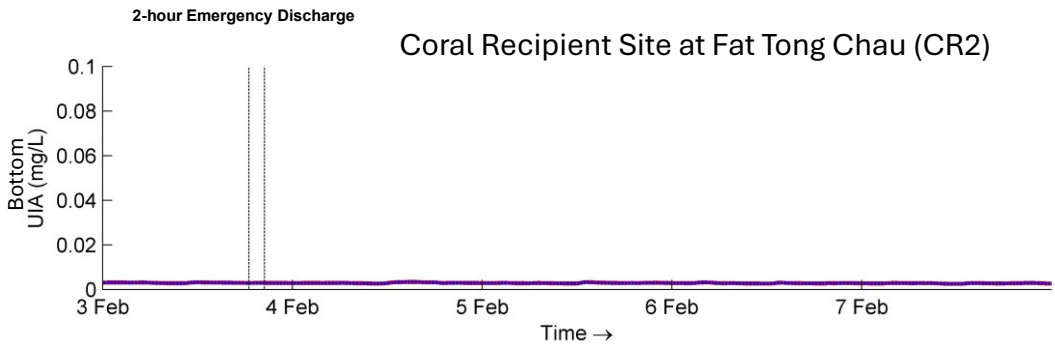


Timeseries Plot for UIA Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11j	2



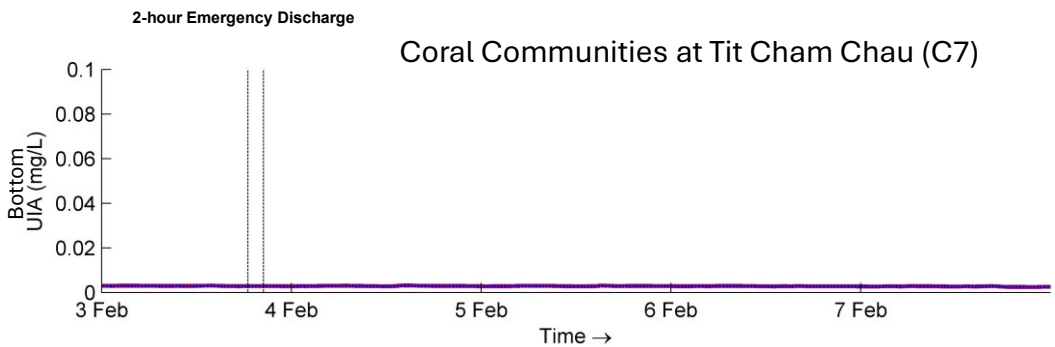
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≤ 0.021 mg/L for annual mean



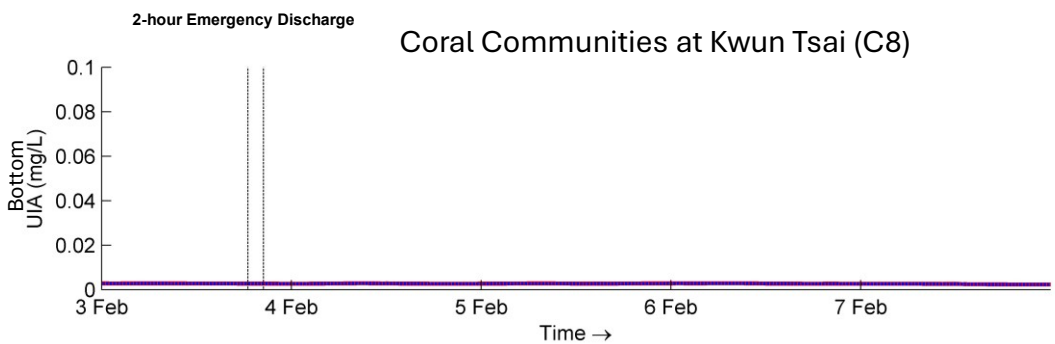
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≤ 0.021 mg/L for annual mean



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

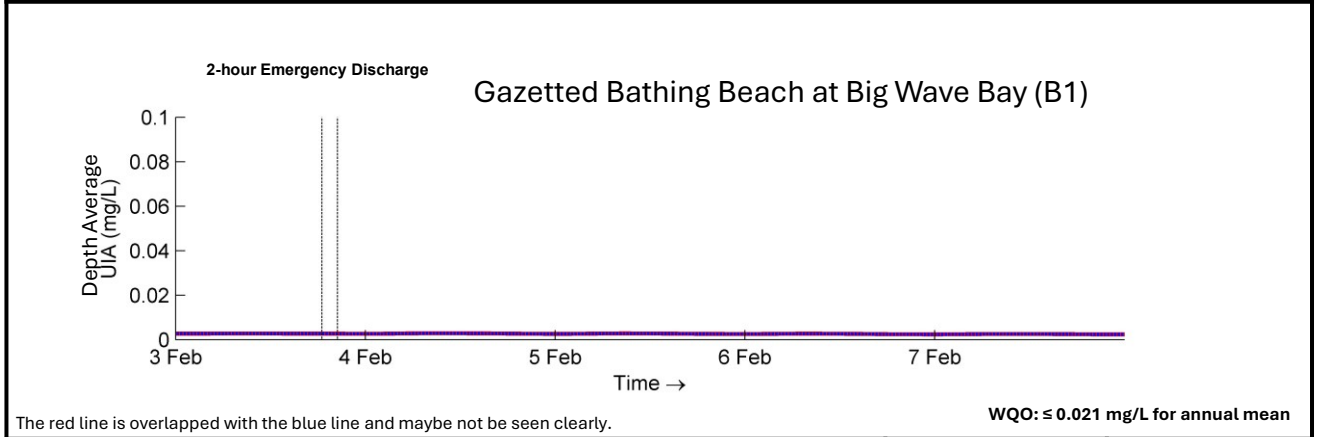
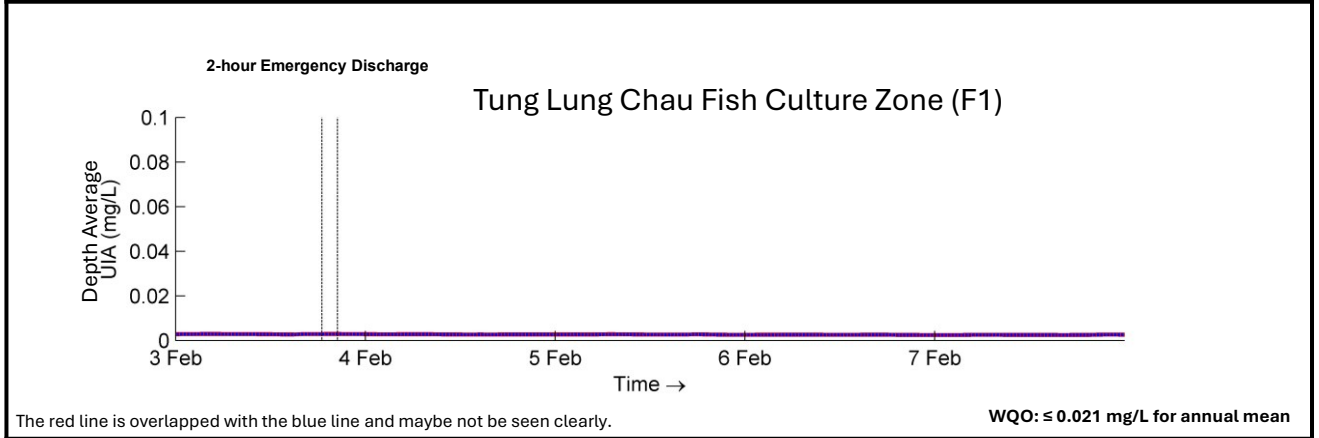
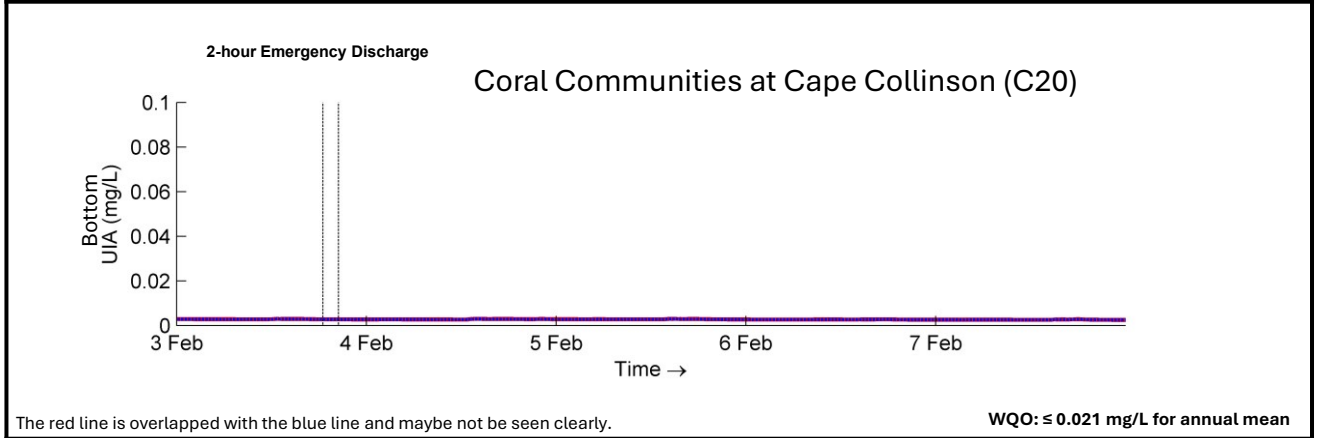
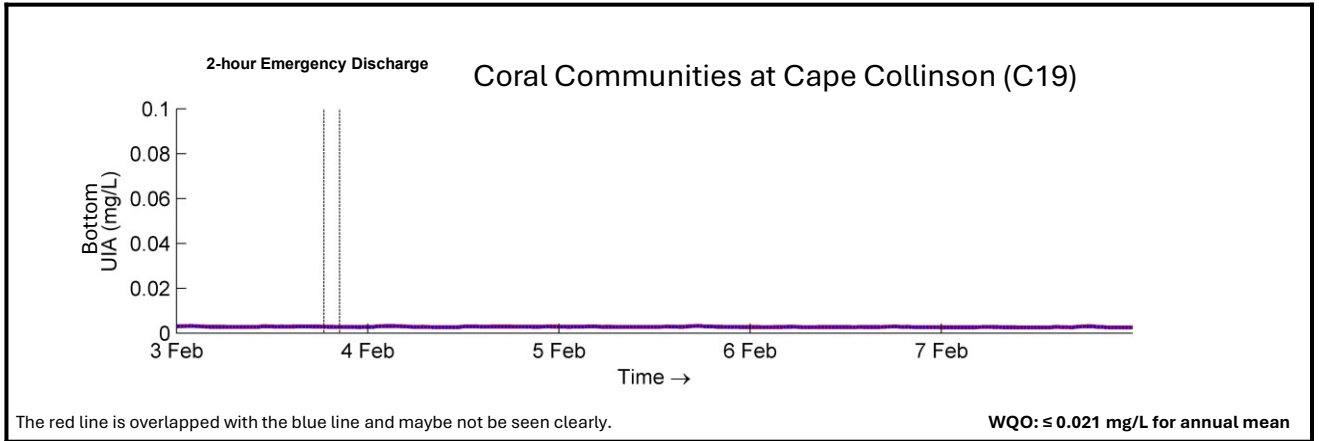
WQO: ≤ 0.021 mg/L for annual mean



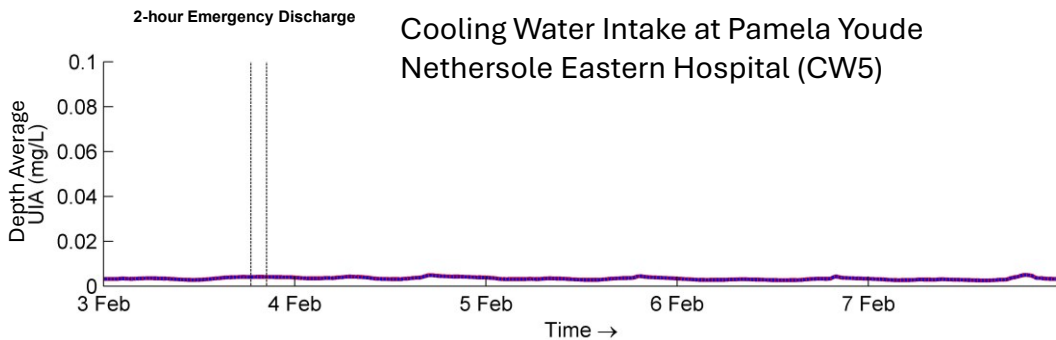
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ≤ 0.021 mg/L for annual mean

Timeseries Plot for UJA 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 5.11j	3



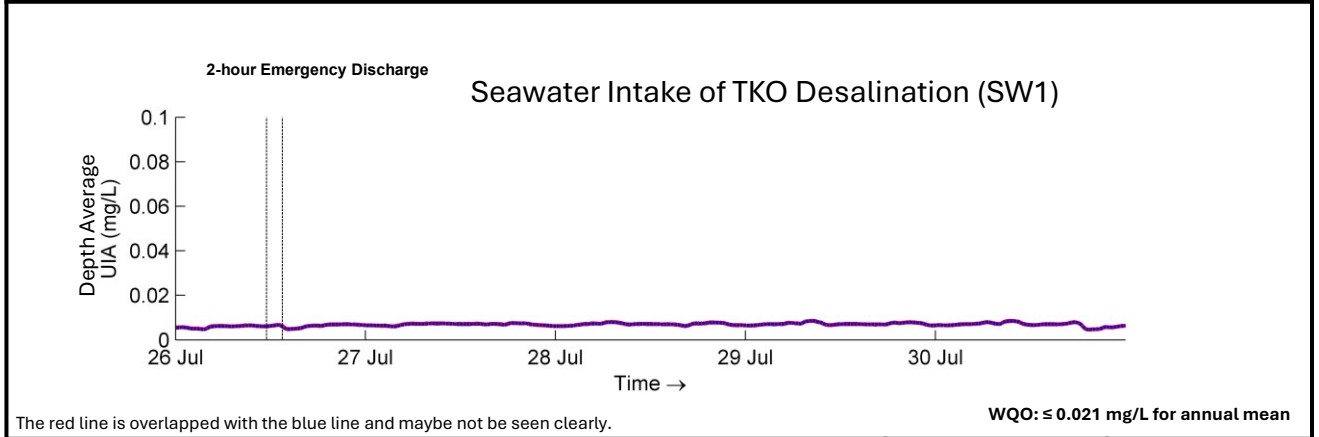
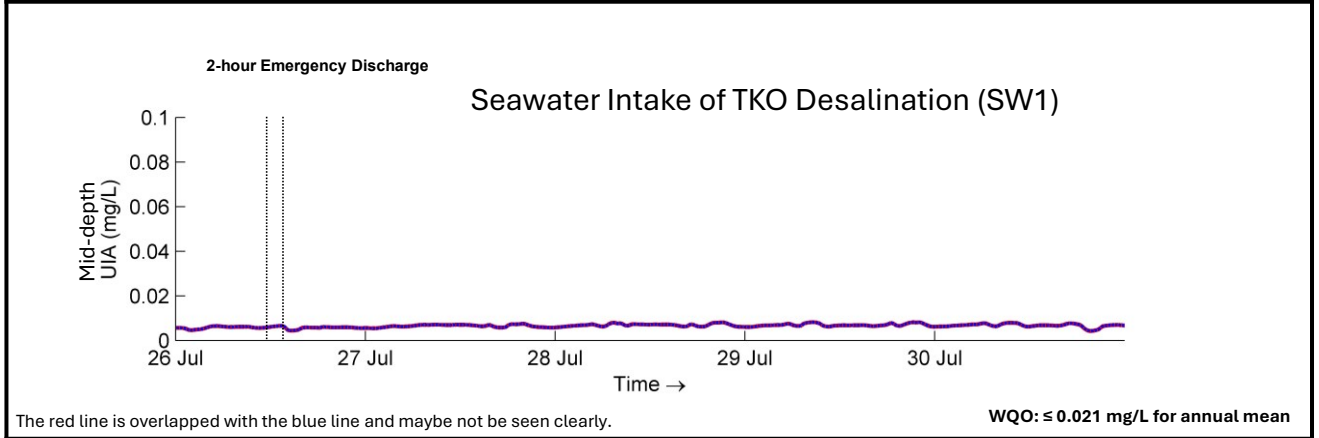
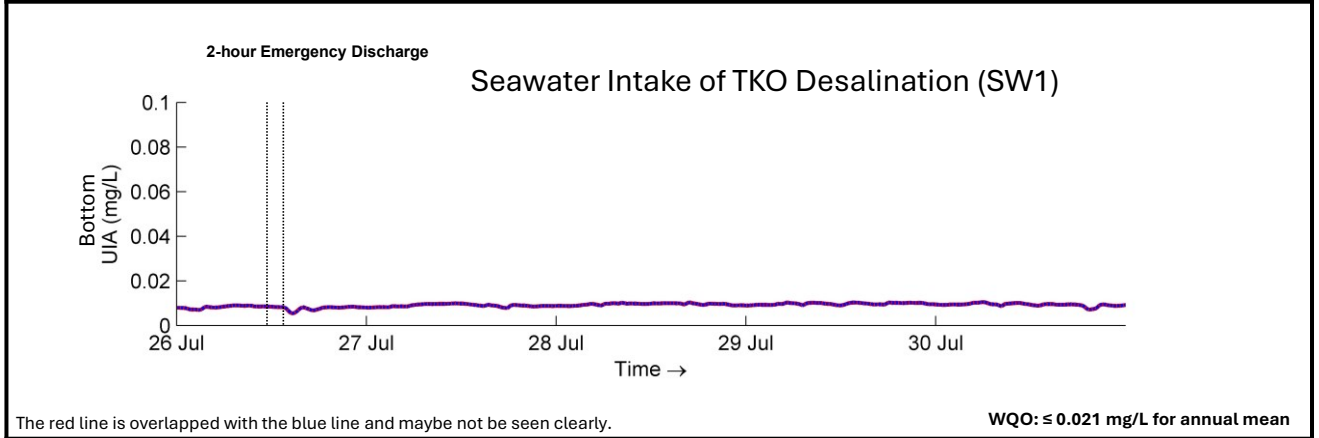
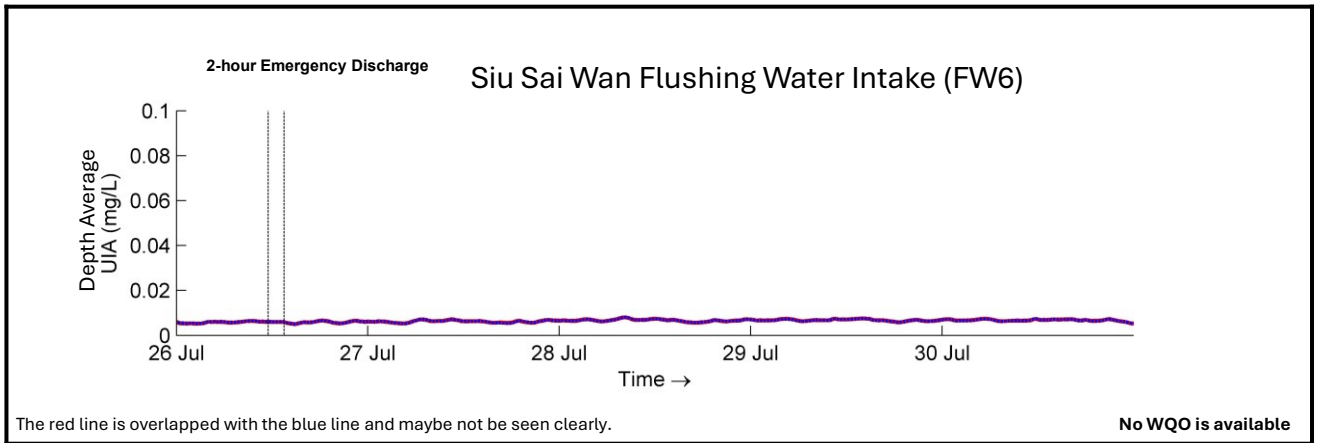
<p>Timeseries Plot for UJA Top: C19 Bottom; Upper: C20 Bottom; Lower: F1 Depth-Average; Bottom: B1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11j	4



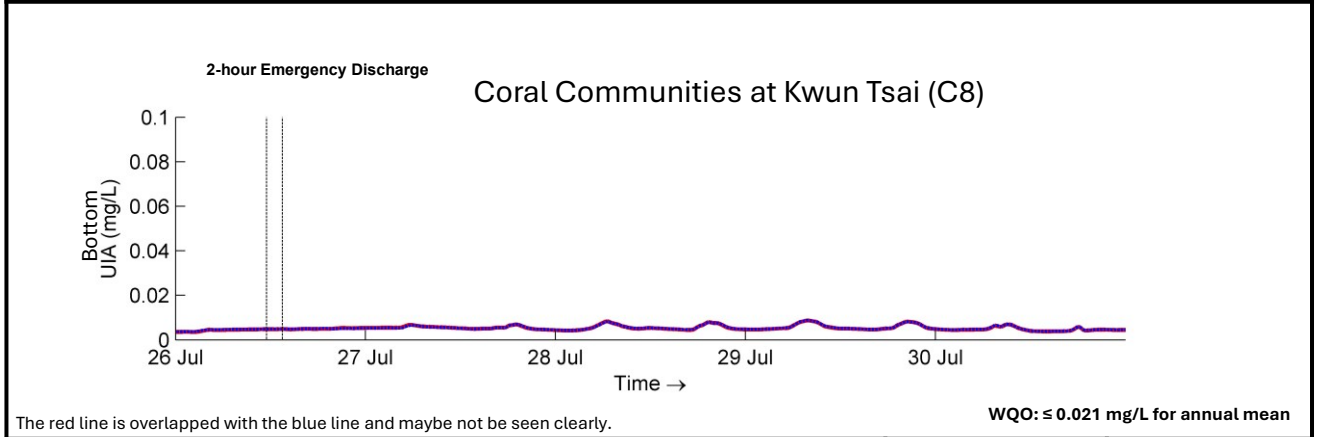
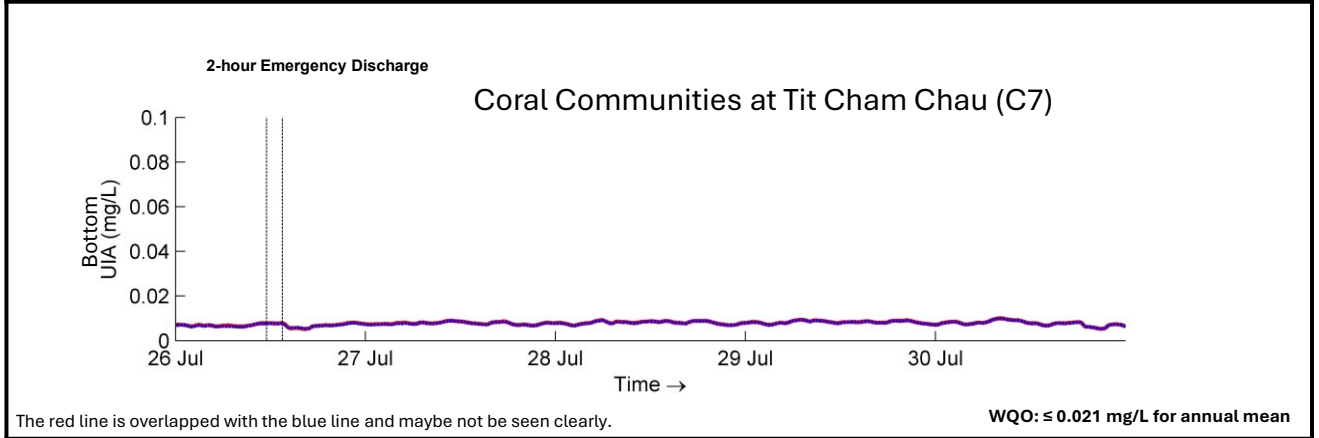
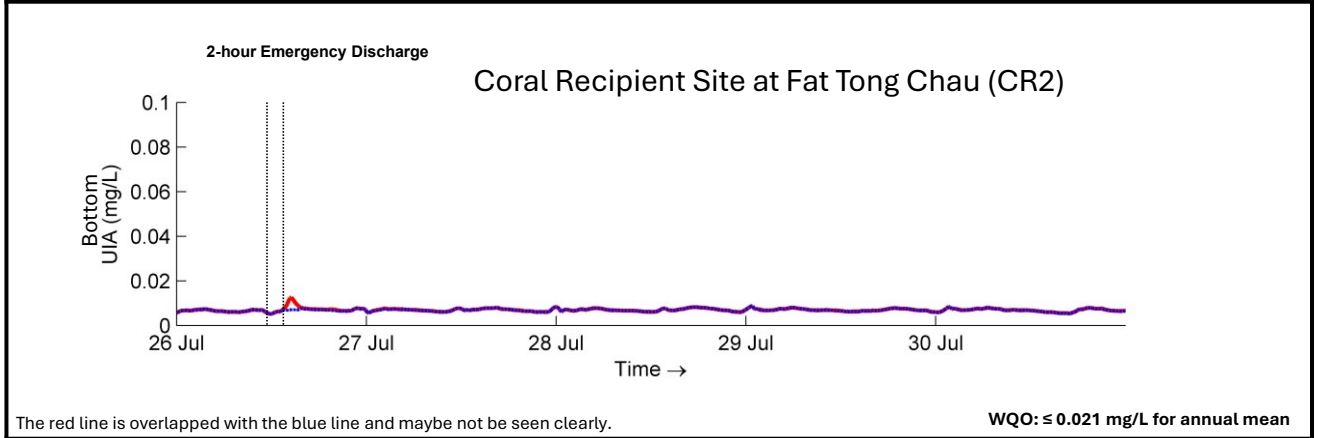
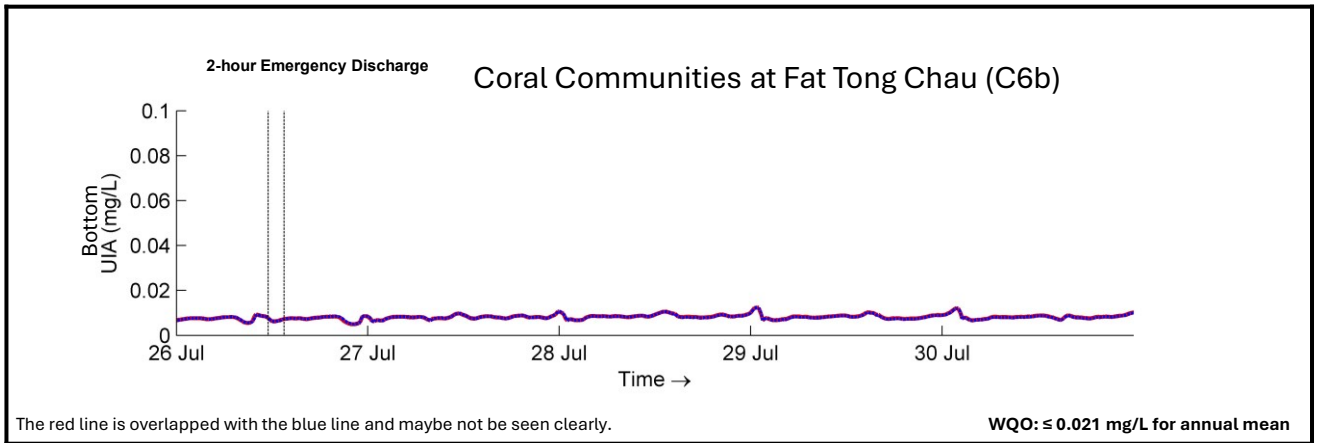
The red line is overlapped with the blue line and maybe not be seen clearly.

No WQO is available

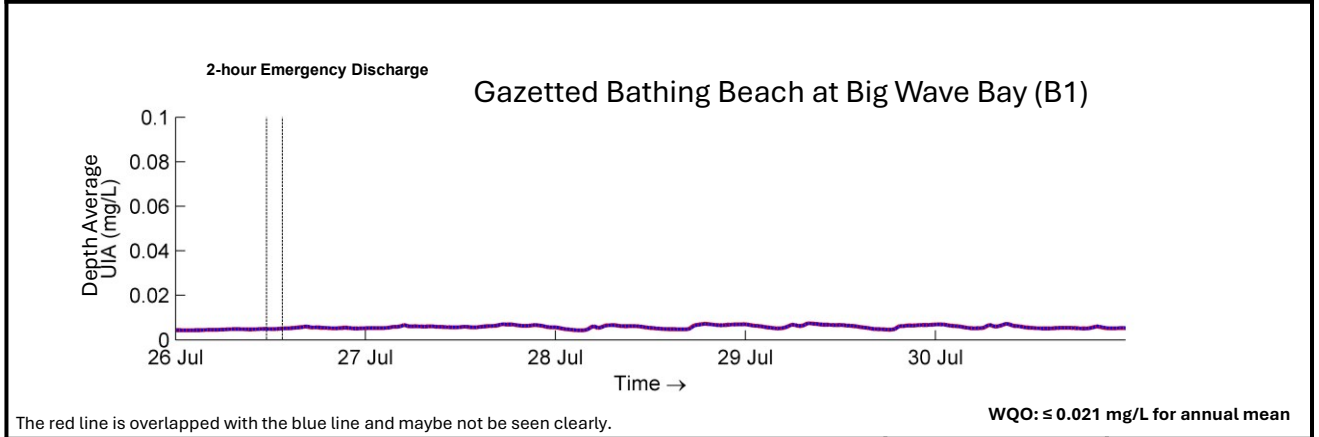
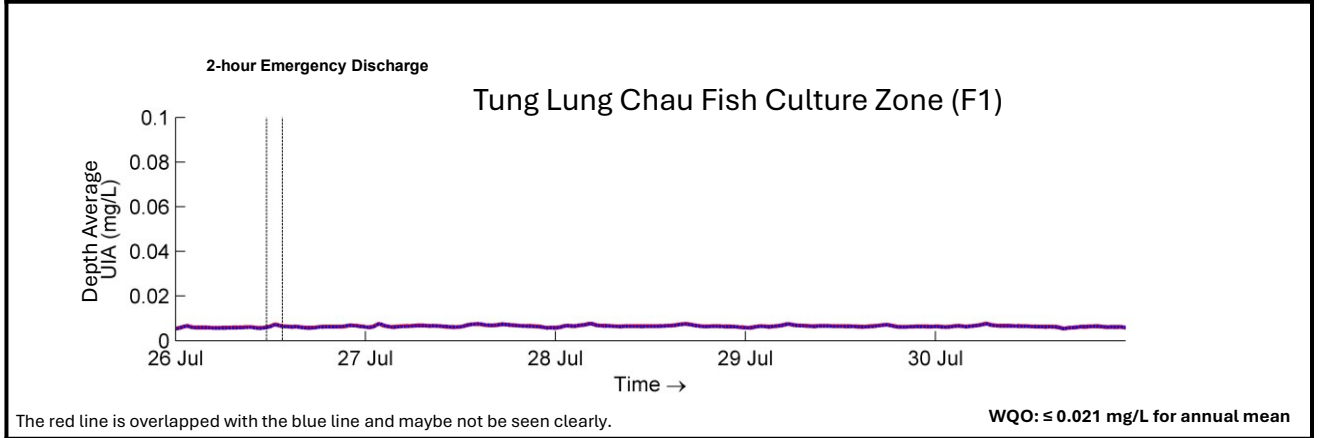
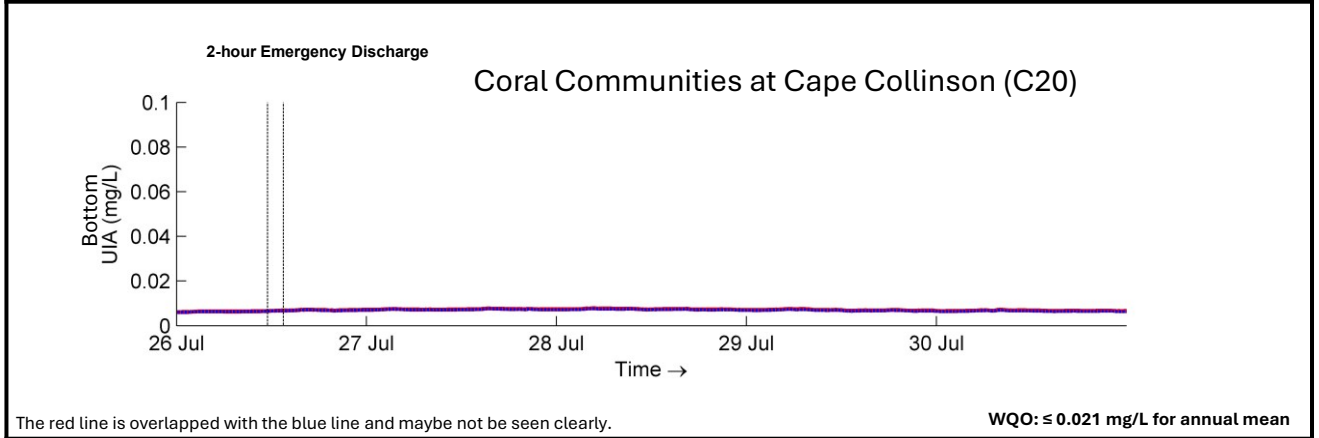
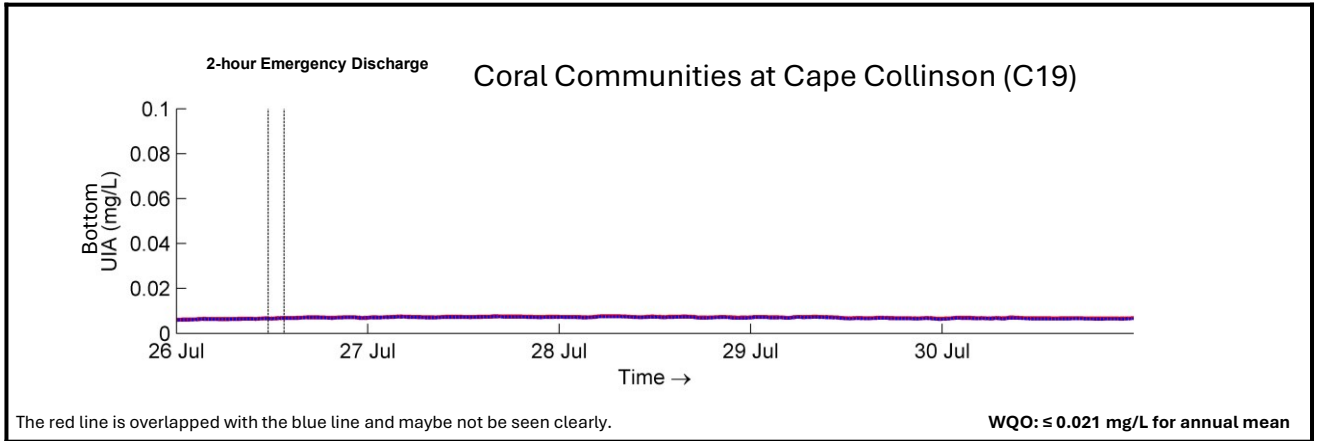
Timeseries Plot for UIA Top: CW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11j	5



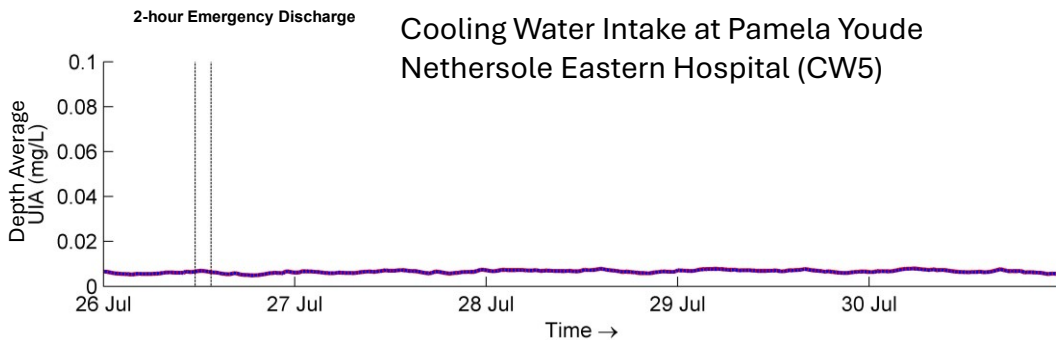
Timeseries Plot UIA Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11j	6



Timeseries Plot for UIA 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 5.11j	7



Timeseries Plot for UIA 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		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11j	8



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

No WQO is available

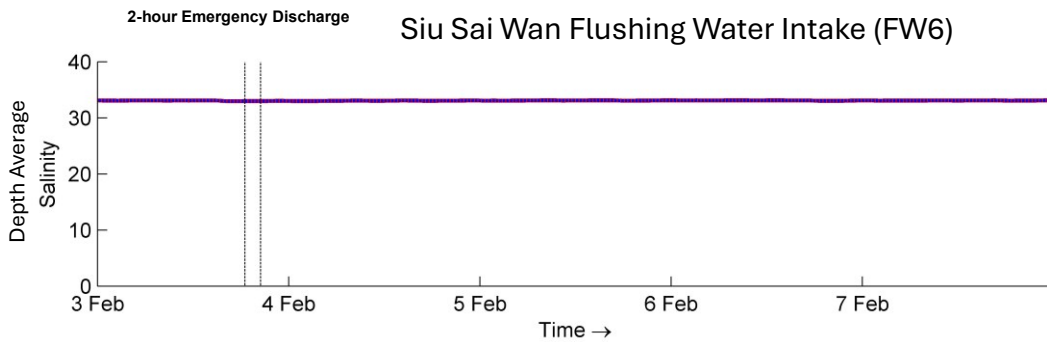
Timeseries Plot for UIA Top: CW5 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11j	9

Appendix 5.11k

Operation Phase Water Quality Timeseries Plots - Salinity

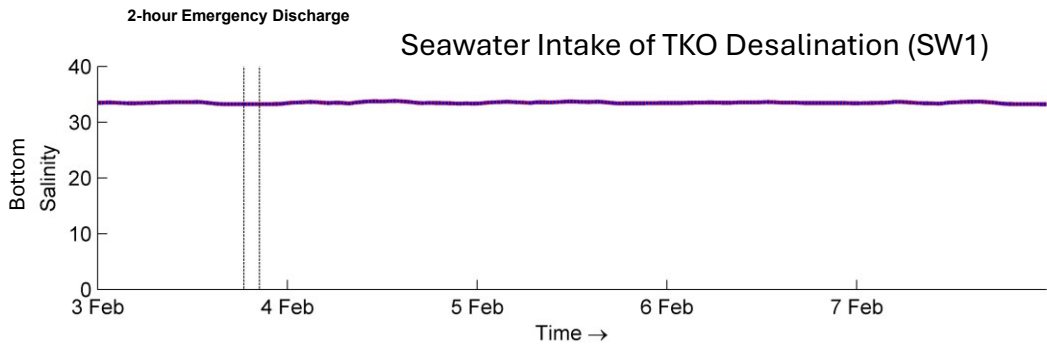
Appendix 5.11k Timeseries Plot for Salinity

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



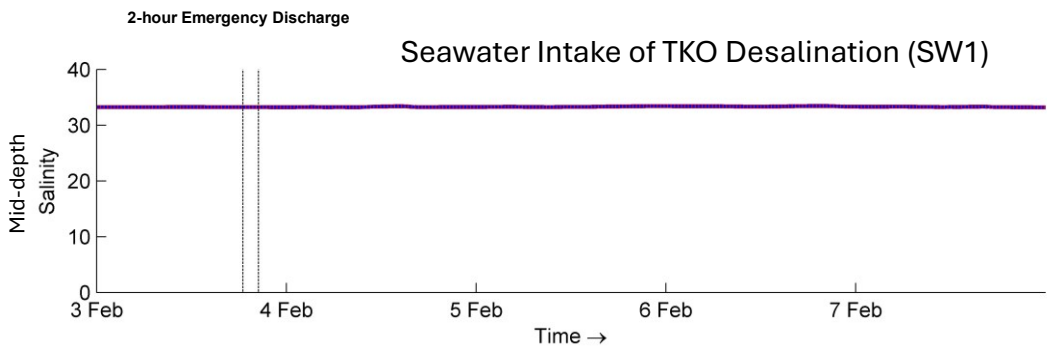
The red line is overlapped with the blue line and maybe not be seen clearly.

No WQO is available



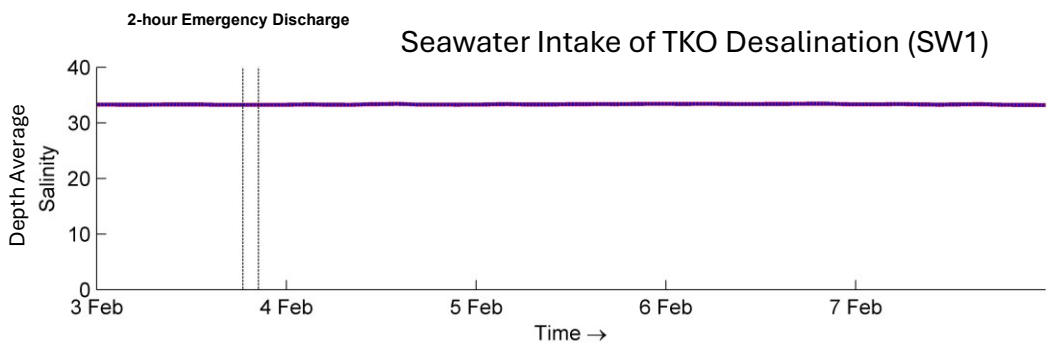
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ±10%



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

WQO: ±10%



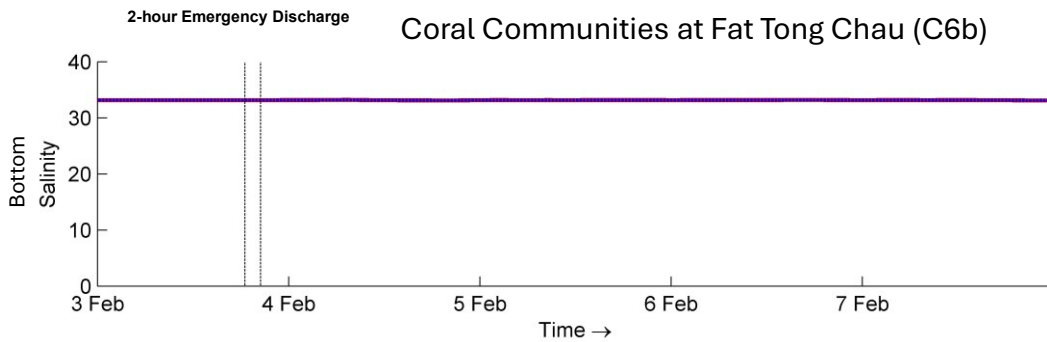
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ±10%

Timeseries Plot for Salinity
 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

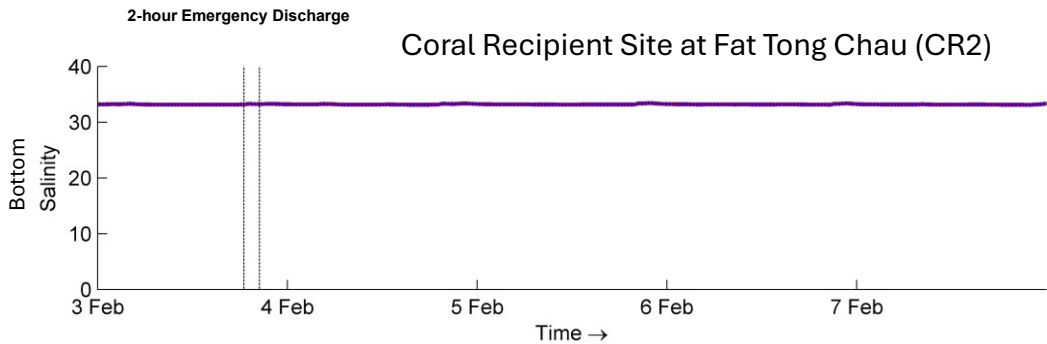
Dry

CE 40/2023 (CE)



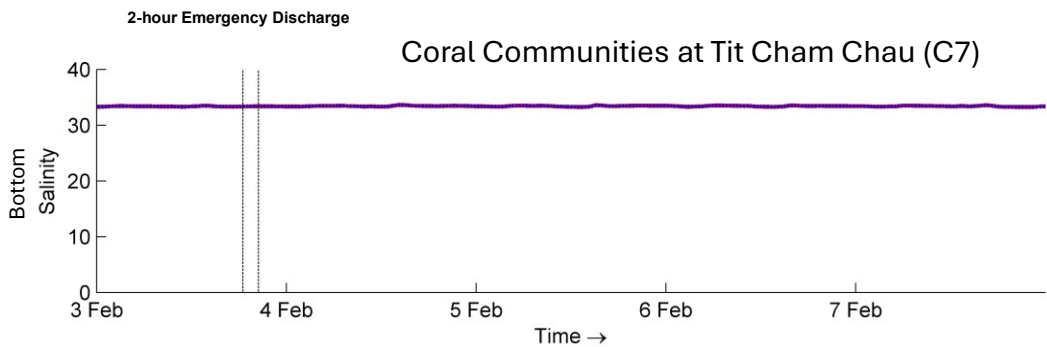
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ±10%



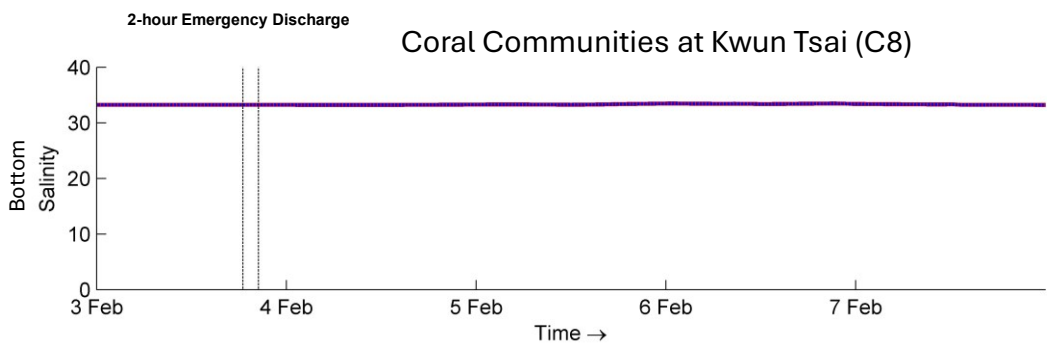
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ±10%



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

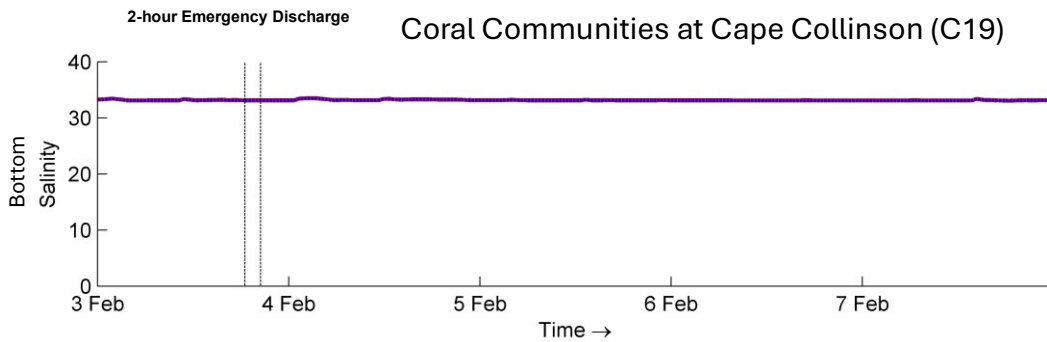
WQO: ±10%



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

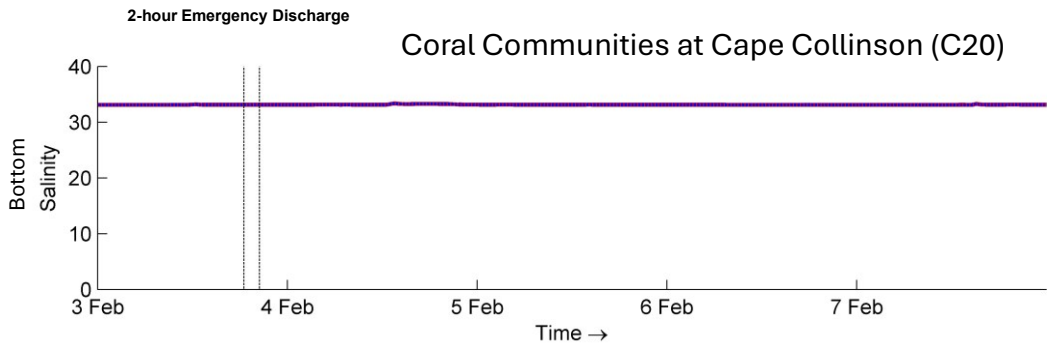
WQO: ±10%

Timeseries Plot for Salinity 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 5.11k	3



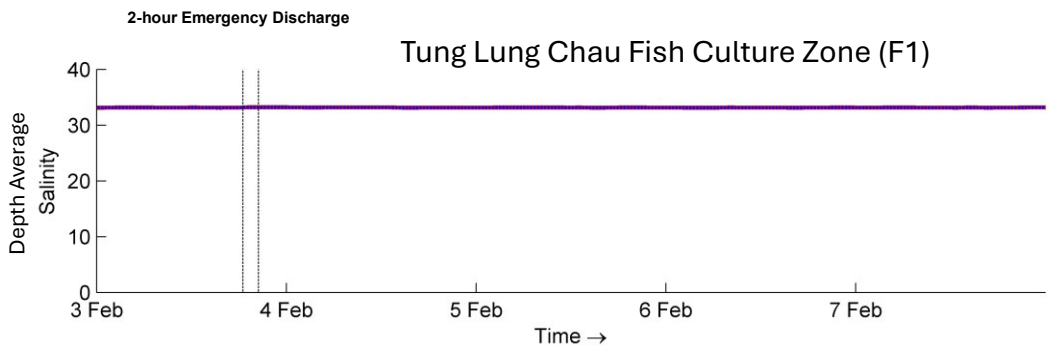
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ±10%



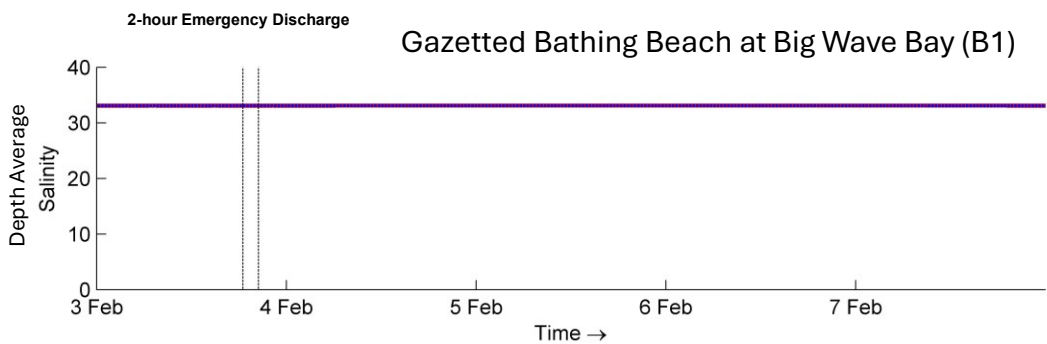
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ±10%



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

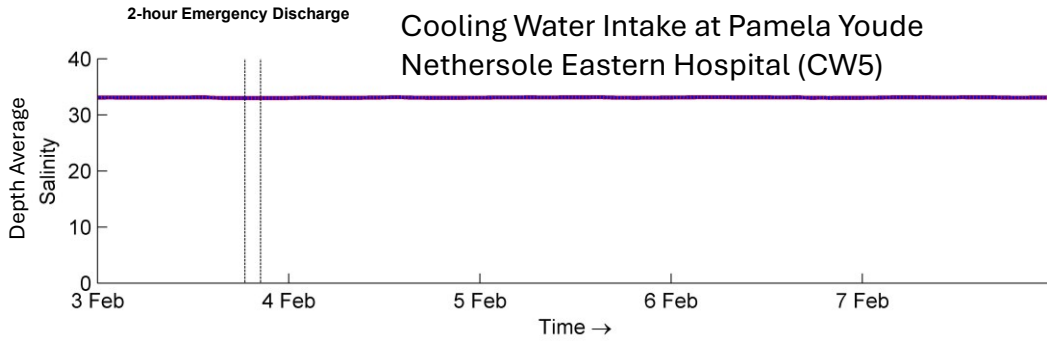
WQO: ±10%



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

WQO: ±10%

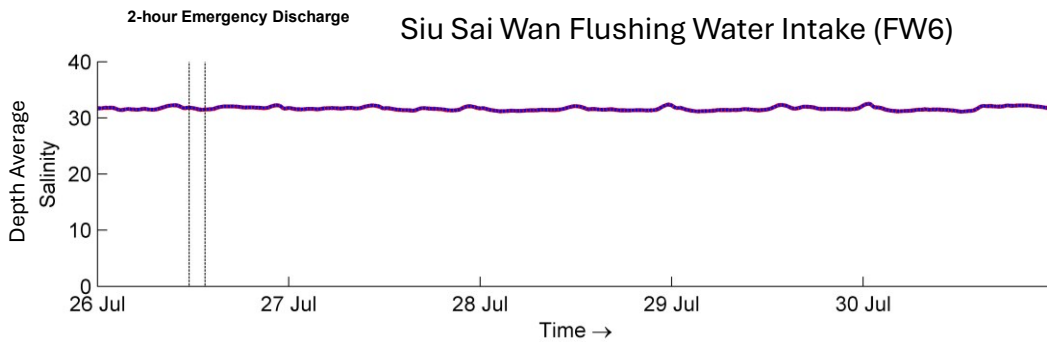
Timeseries Plot for Salinity Top: C19 Bottom; Upper: C20 Bottom; Lower: F1 Depth-Average; Bottom: B1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11k	4



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

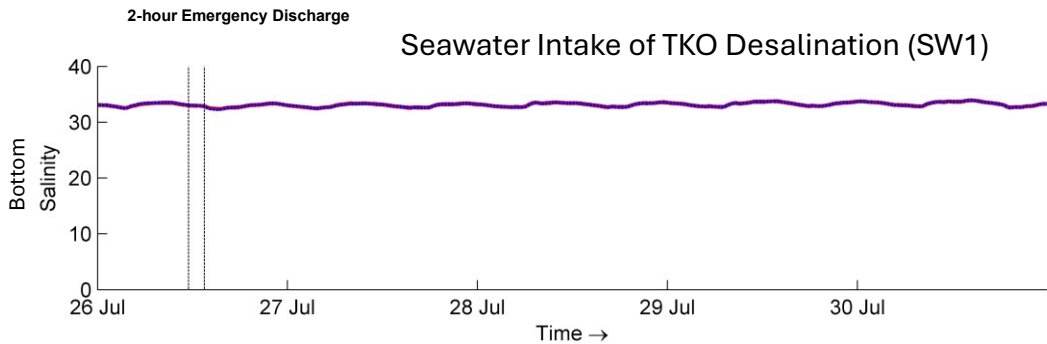
No WQO is available

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



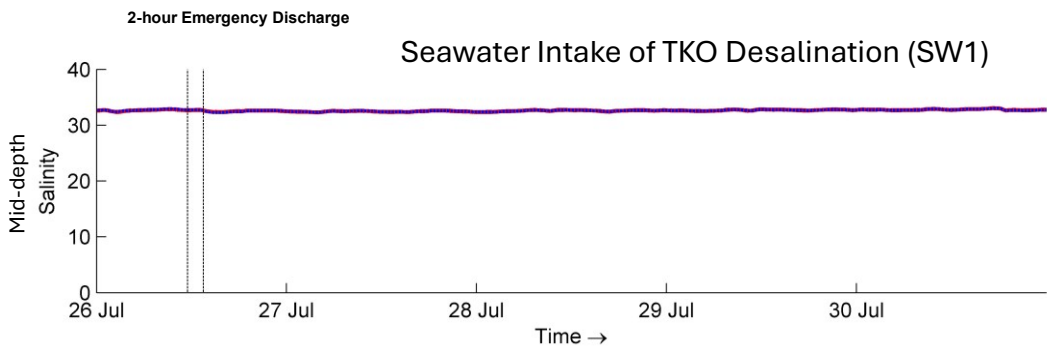
The red line is overlapped with the blue line and maybe not be seen clearly.

No WQO is available



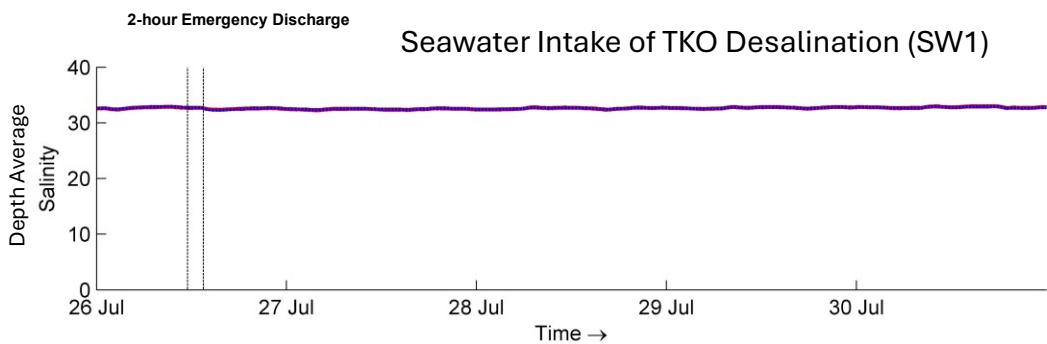
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ± 10%



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

WQO: ± 10%



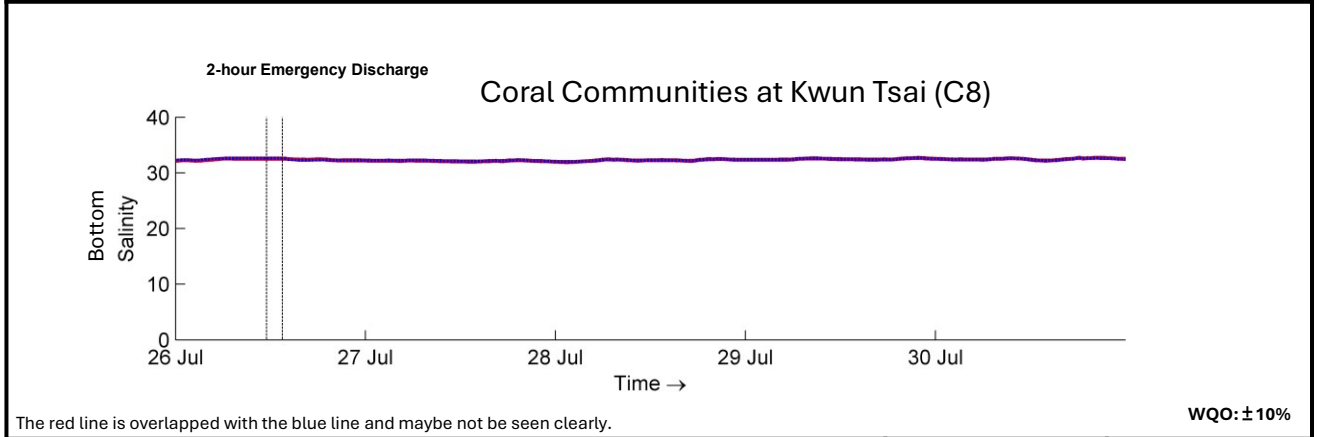
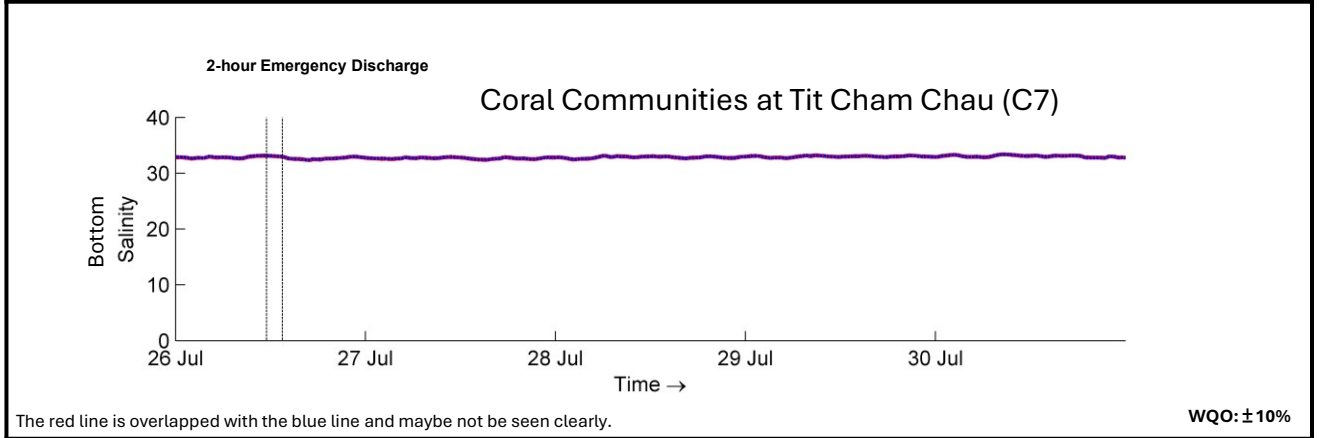
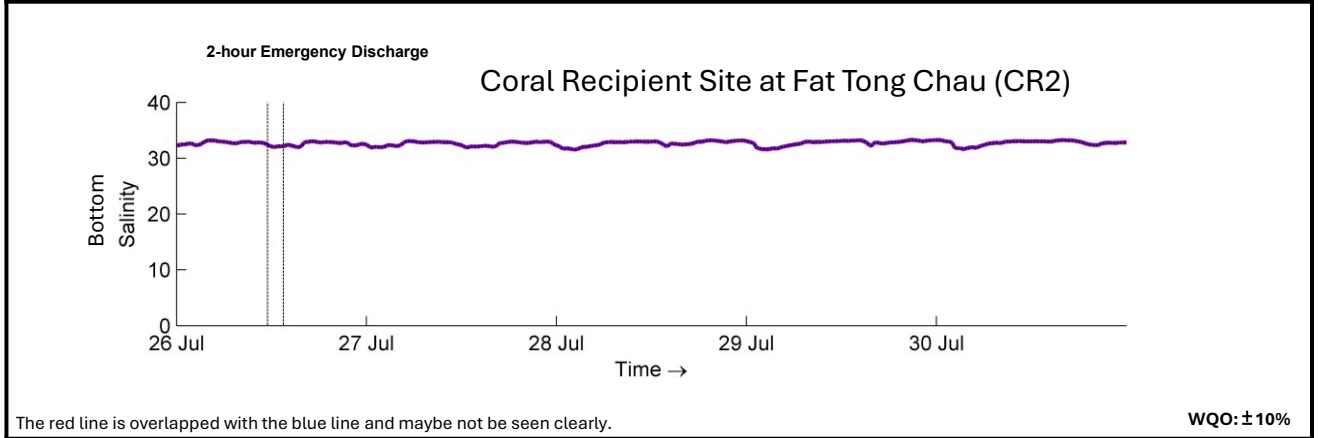
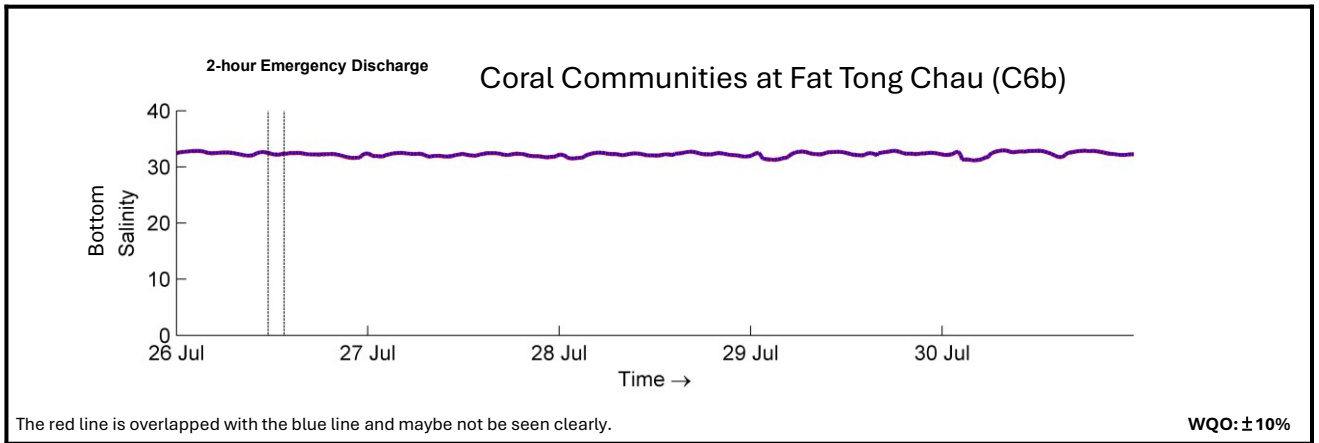
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ± 10%

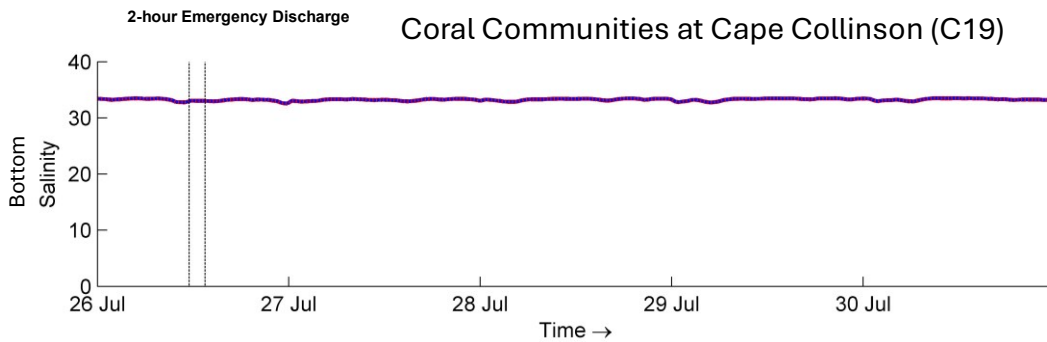
Timeseries Plot for Salinity
 Top: FW6 Depth-Average; Upper: SW1 Bottom;
 Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average
 Blue: Normal EPP Operation
 Red: "With 2-hour Emergency Discharge" Scenario

Wet

CE 40/2023 (CE)

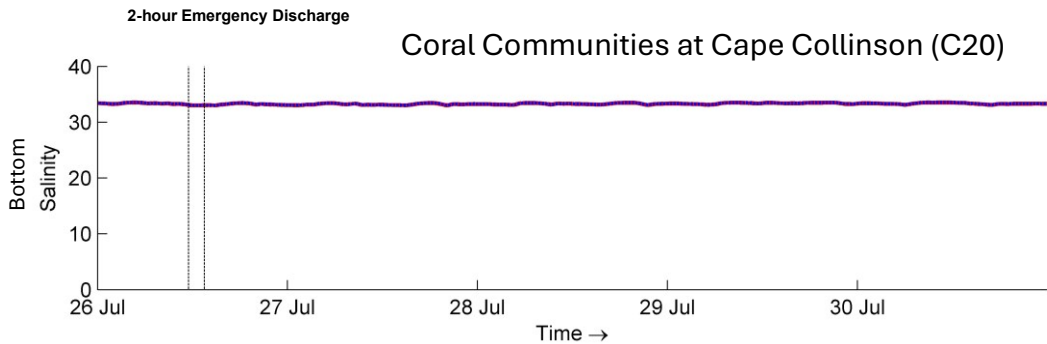


<p>Timeseries Plot for Salinity Top: C6b Bottom; Upper: CR2 Bottom; Lower: C7 Bottom; Bottom: C8 Bottom Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario</p>		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11k	7



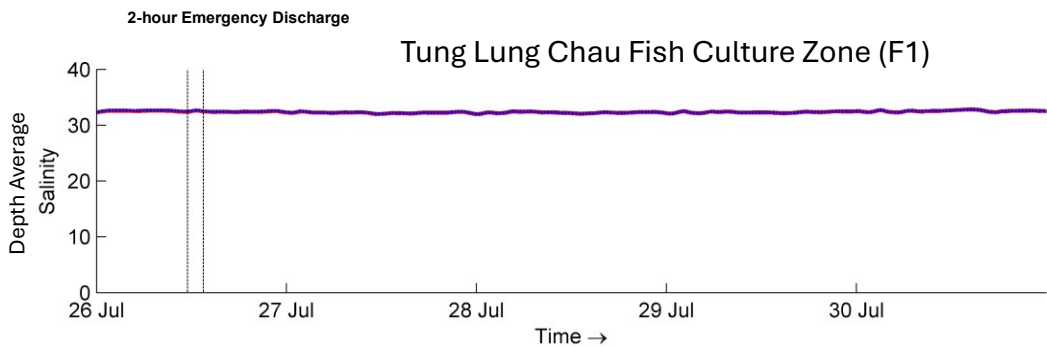
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ±10%



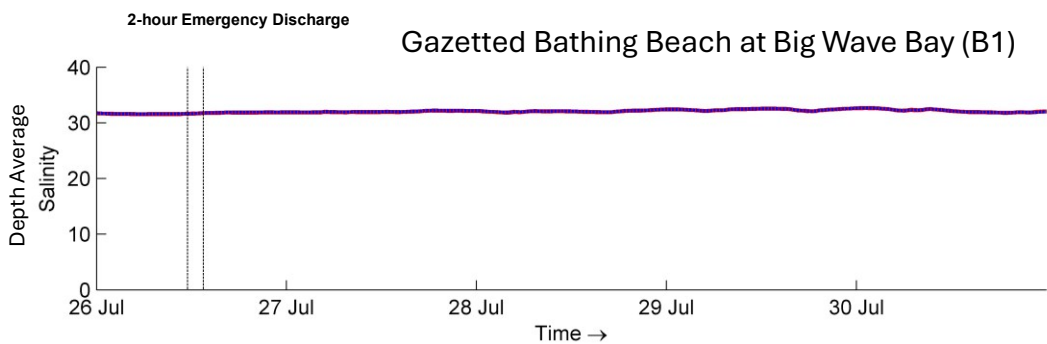
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO: ±10%



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

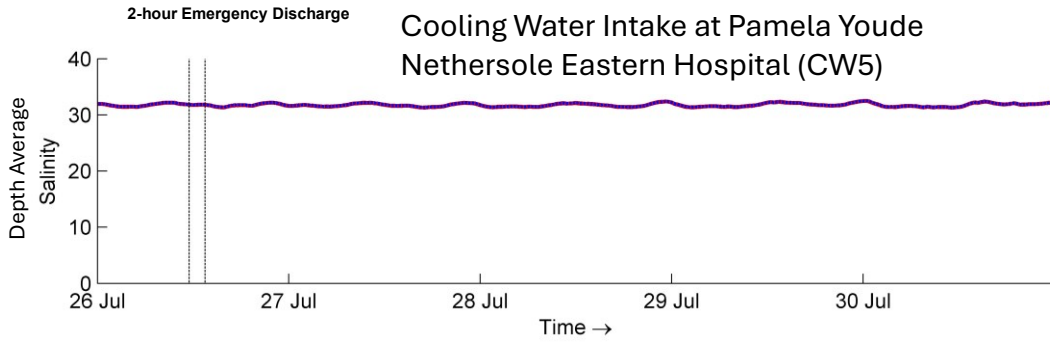
WQO: ±10%



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

WQO: ±10%

Timeseries Plot for Salinity 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		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11k	8



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

No WQO is available

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