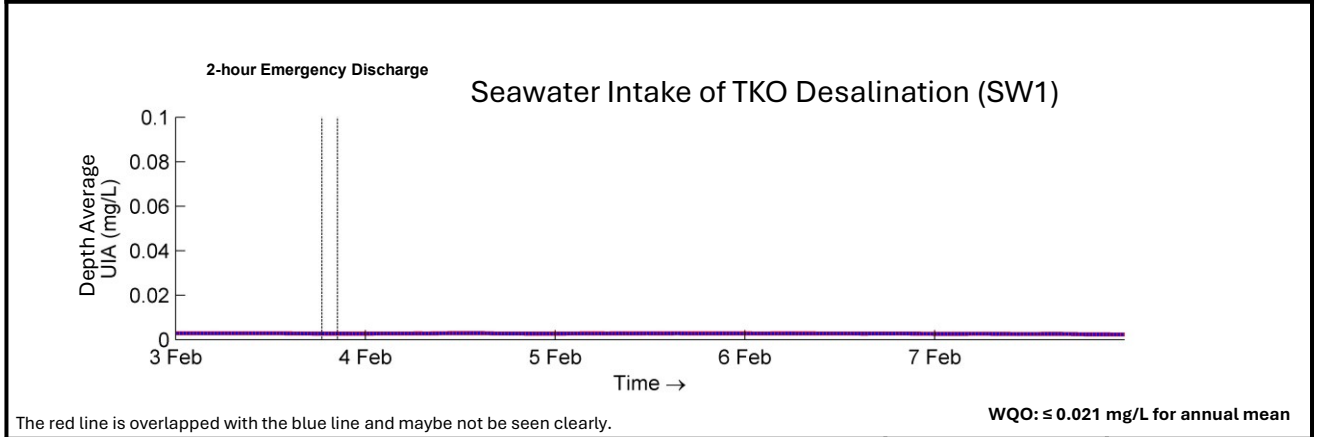
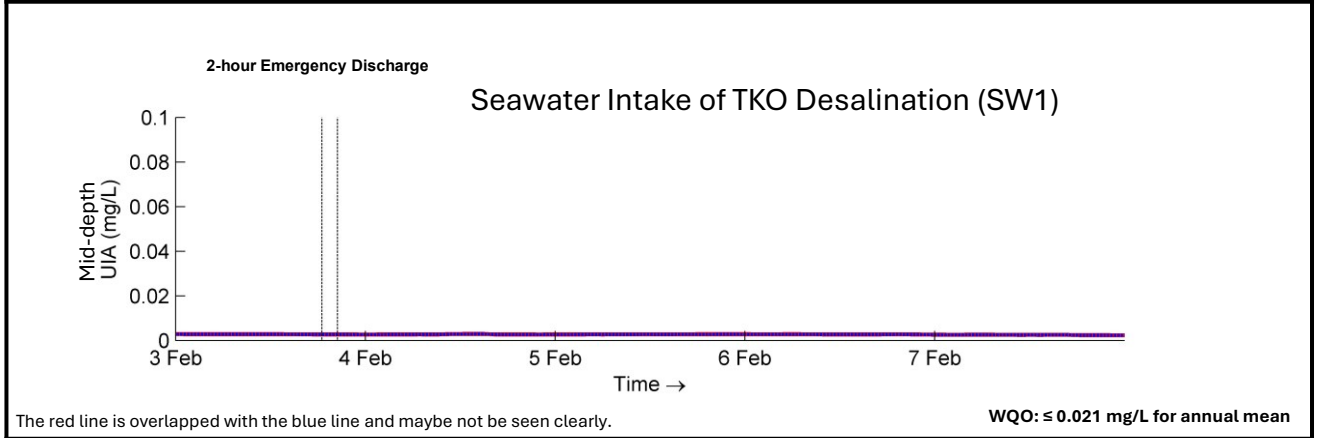
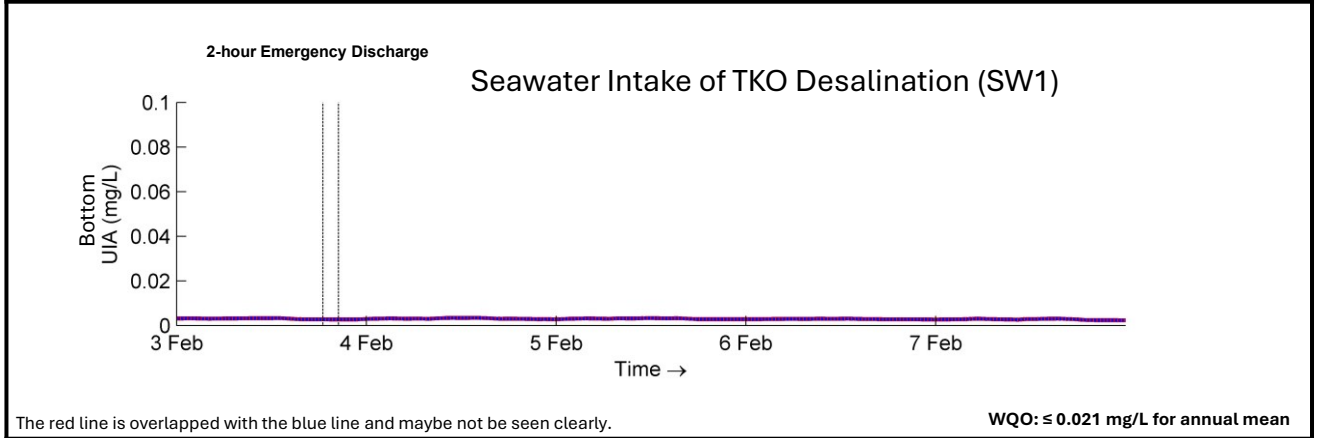
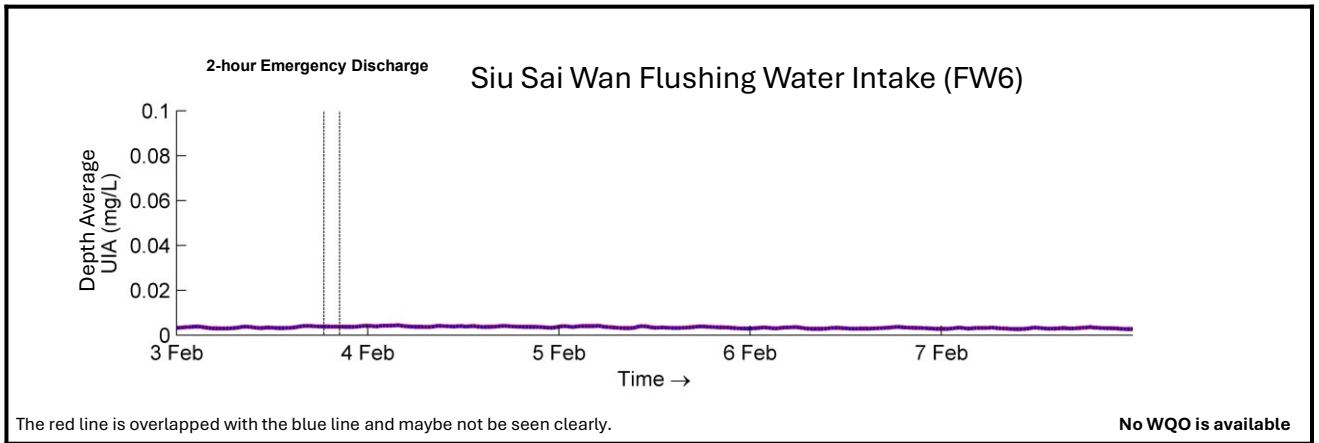


## *Appendix 5.11j*

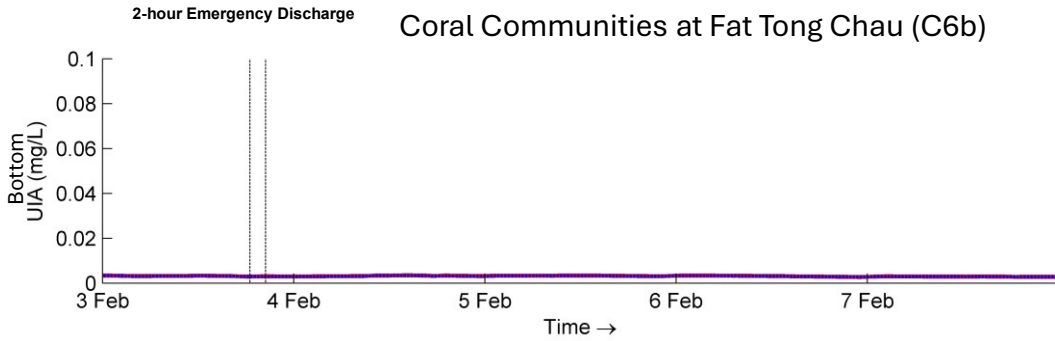
### Operation Phase Water Quality Timeseries Plots - Unionized Ammonia

### Appendix 5.11j Timeseries Plot for UIA

<b>WSR</b>	<b>Assessment Layer</b>	<b>Season</b>	<b>Page &amp; Location</b>
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

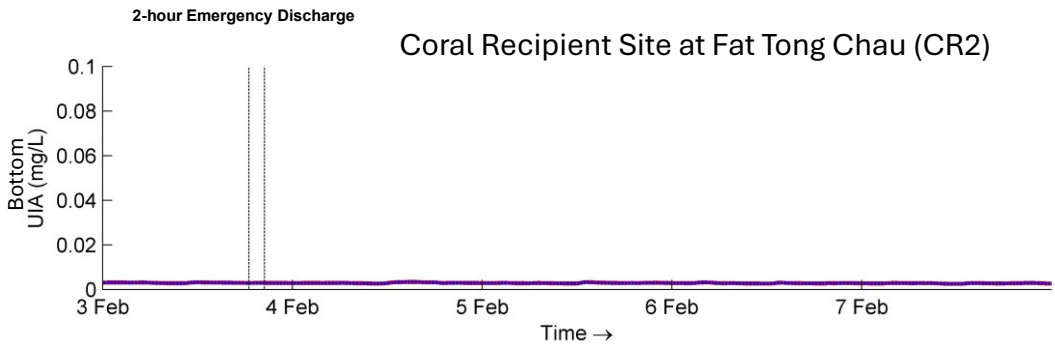


<p><b>Timeseries Plot for UIA</b>                  Top: FW6 Depth-Average; Upper: SW1 Bottom;                  Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average                  Blue: Normal EPP Operation                  Red: "With 2-hour Emergency Discharge" Scenario</p>		Dry
	CE 40/2023 (CE)	
Binnies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



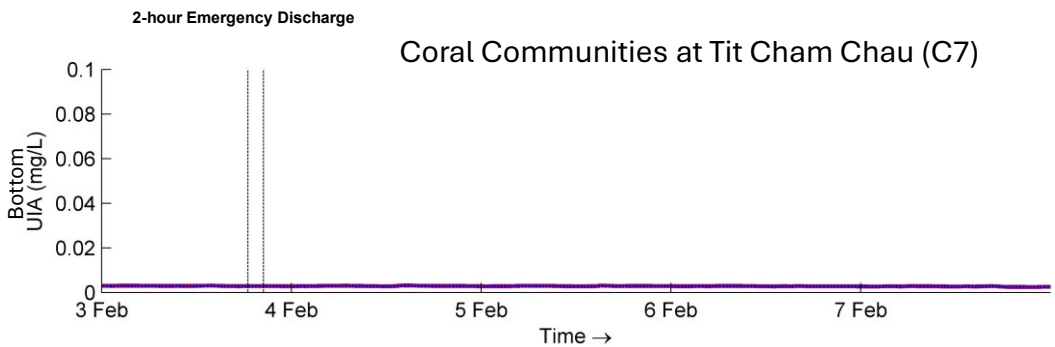
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO:  $\leq 0.021$  mg/L for annual mean



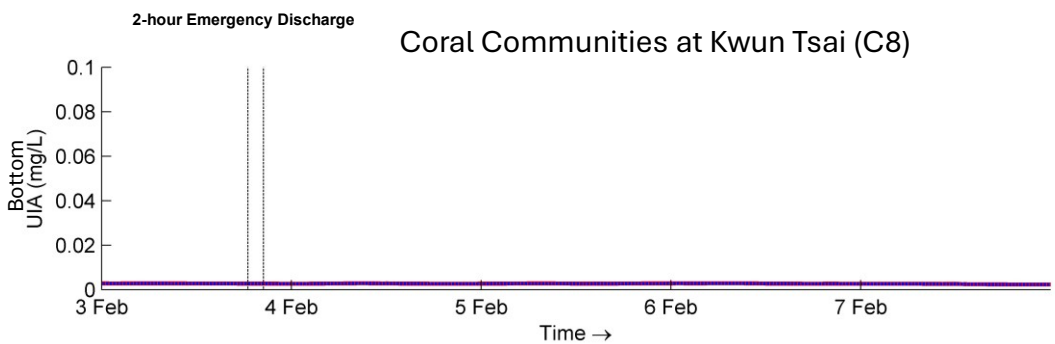
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO:  $\leq 0.021$  mg/L for annual mean



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

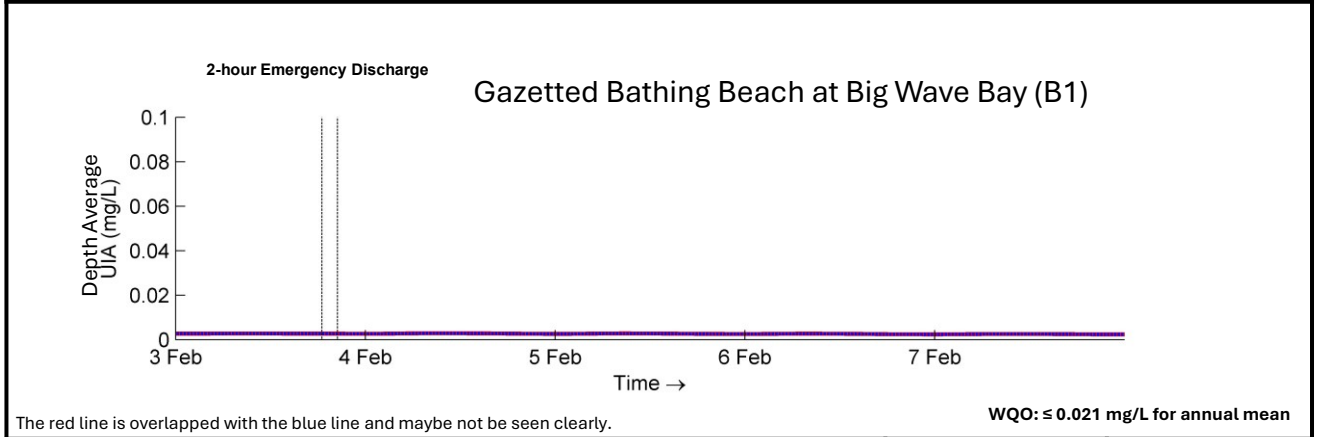
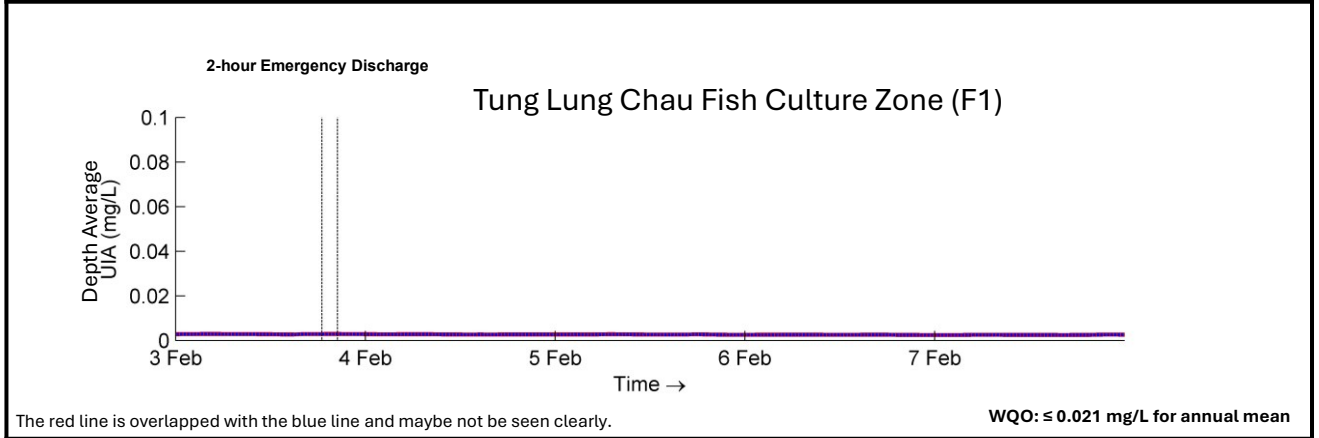
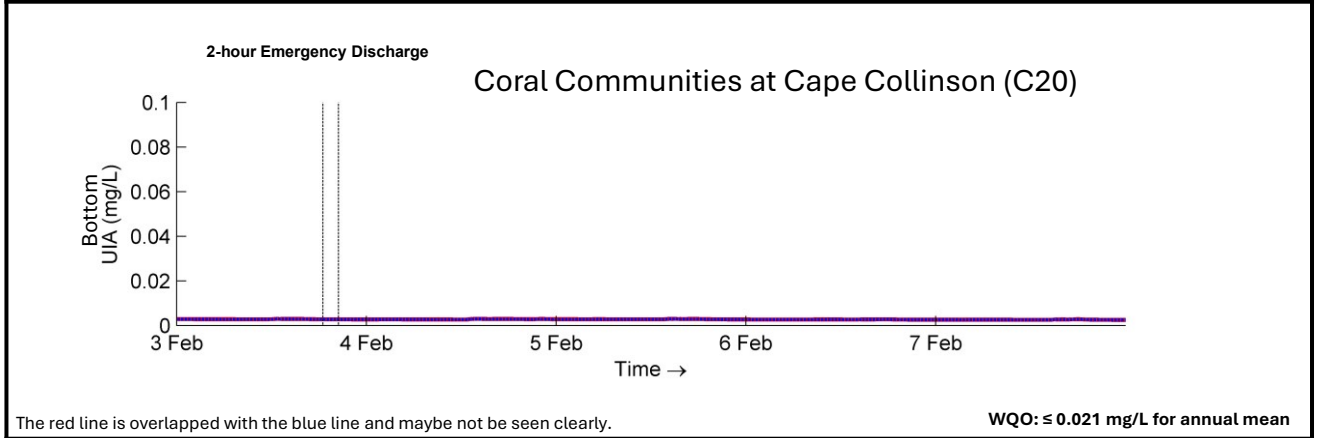
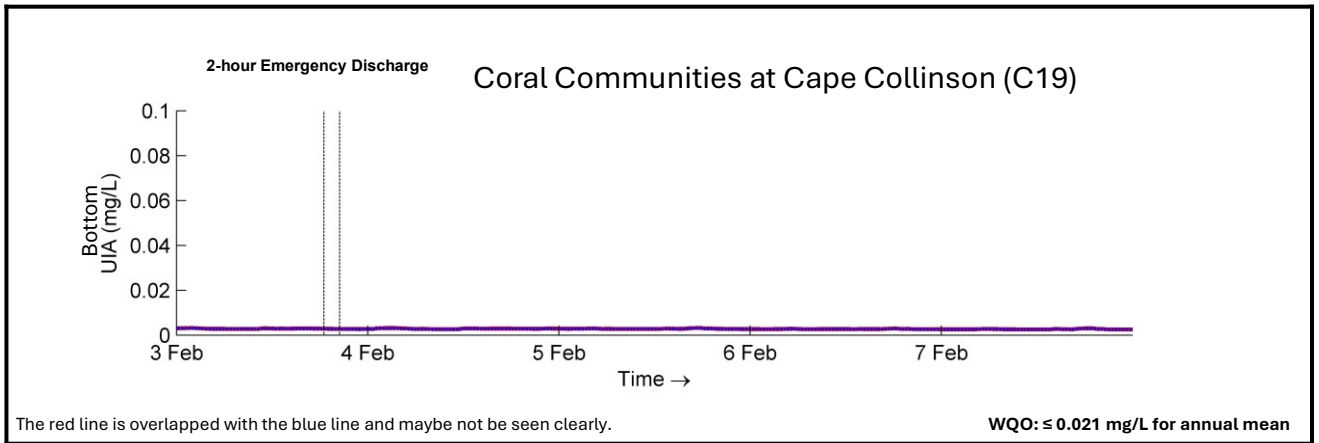
WQO:  $\leq 0.021$  mg/L for annual mean



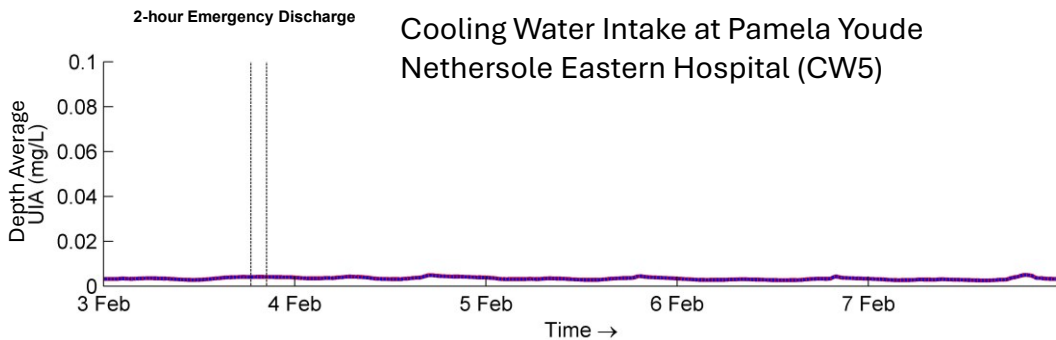
The red line is overlapped with the blue line and maybe not be seen clearly.

WQO:  $\leq 0.021$  mg/L for annual mean

<b>Timeseries Plot for UJA</b> 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



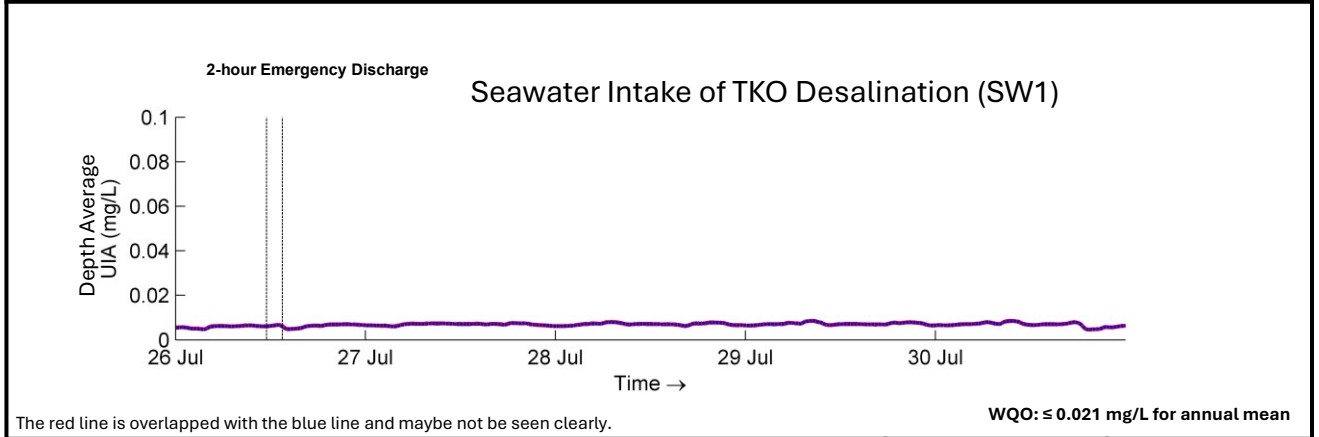
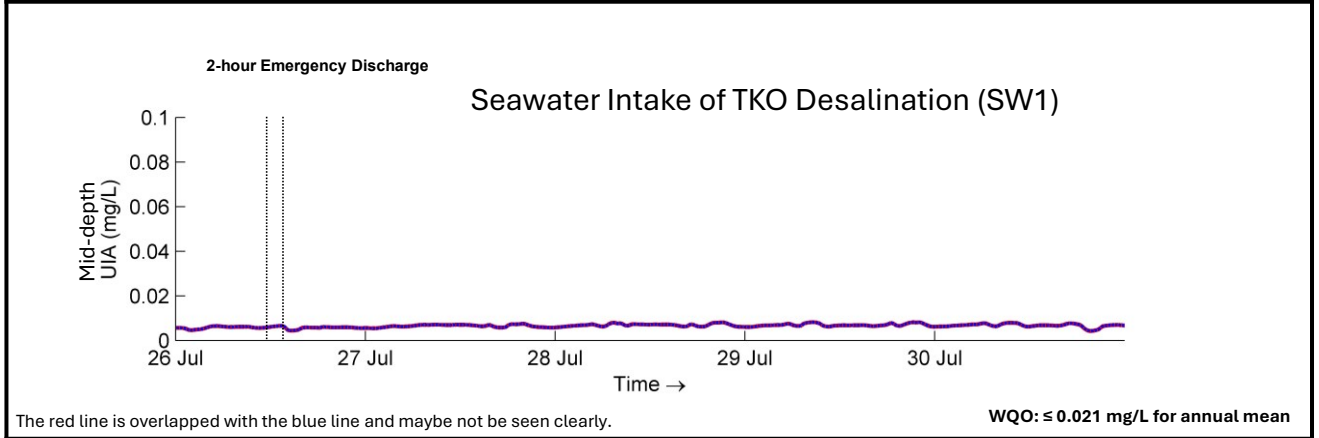
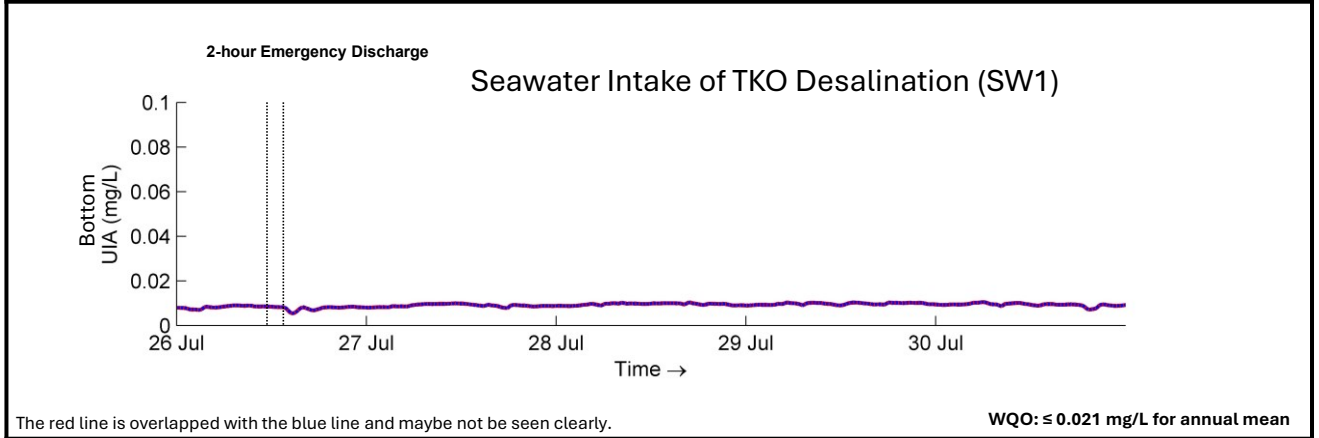
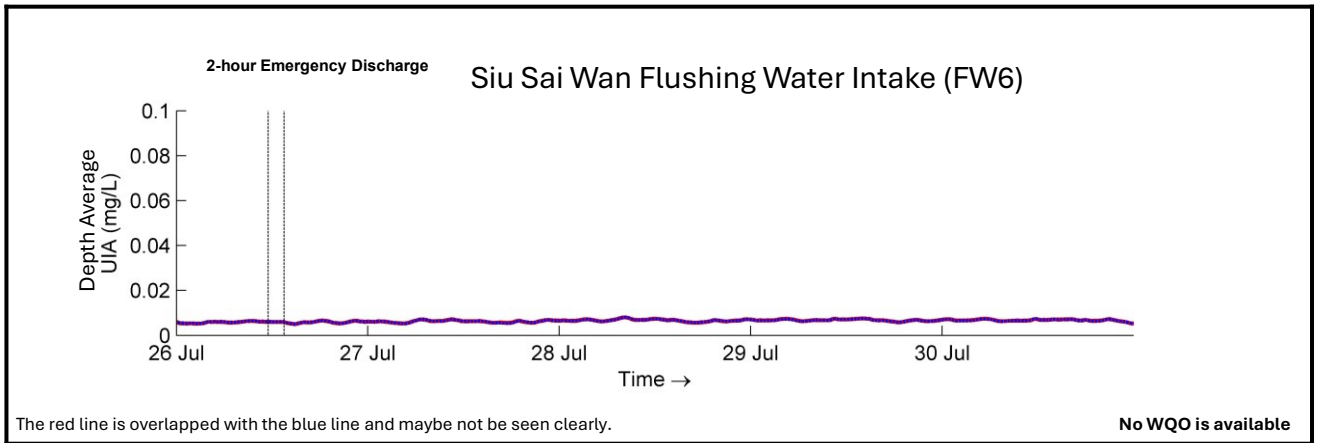
<b>Timeseries Plot for UJA</b> Top: C19 Bottom; Upper: C20 Bottom; Lower: F1 Depth-Average; Bottom: B1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Dry
	CE 40/2023 (CE)	
Binnies	Appendix 5.11j	4



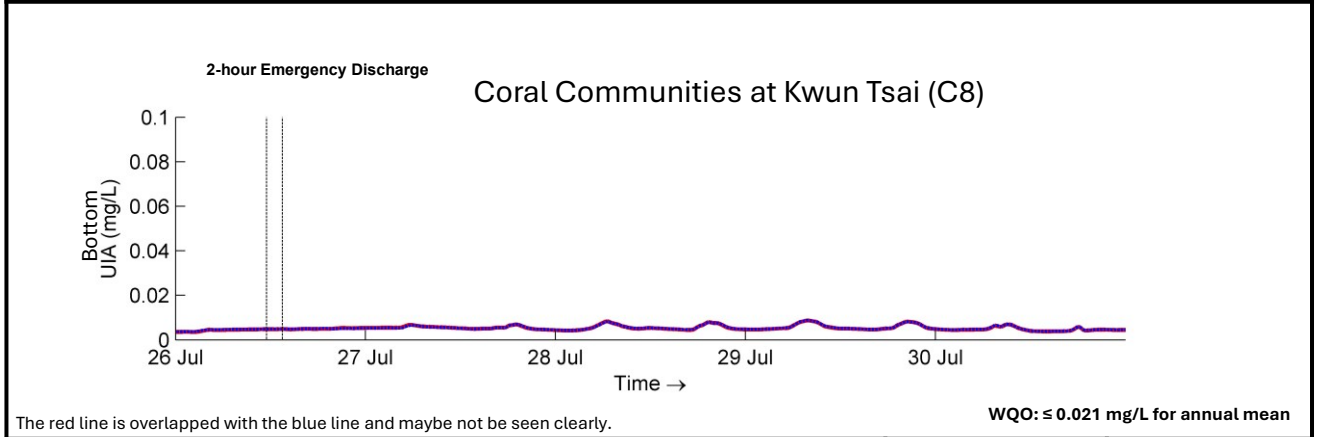
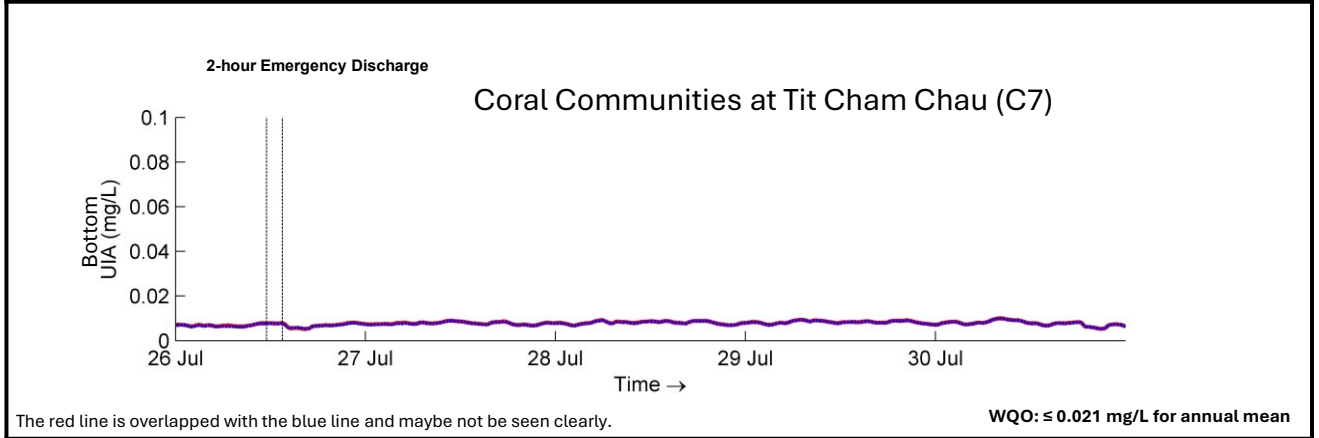
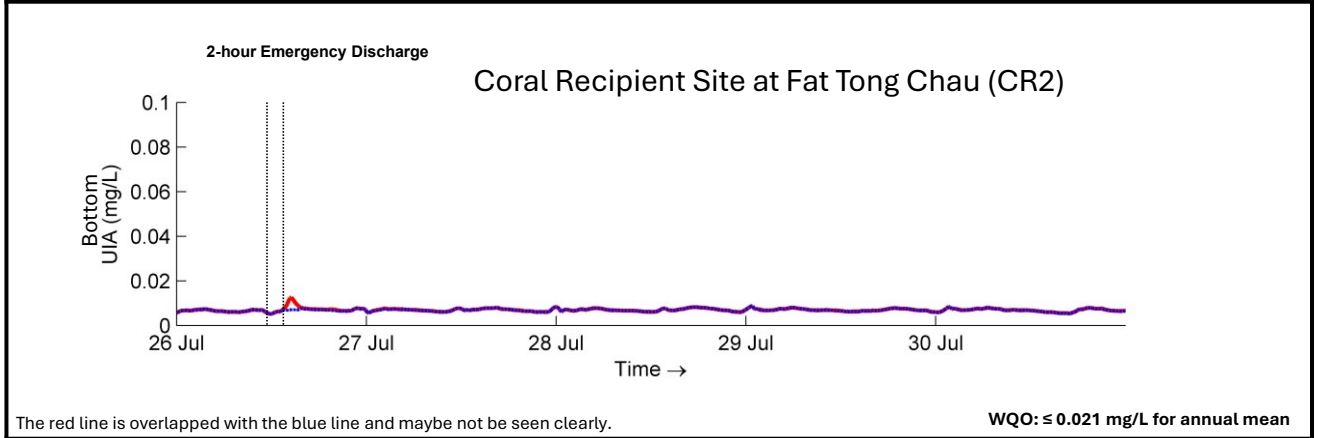
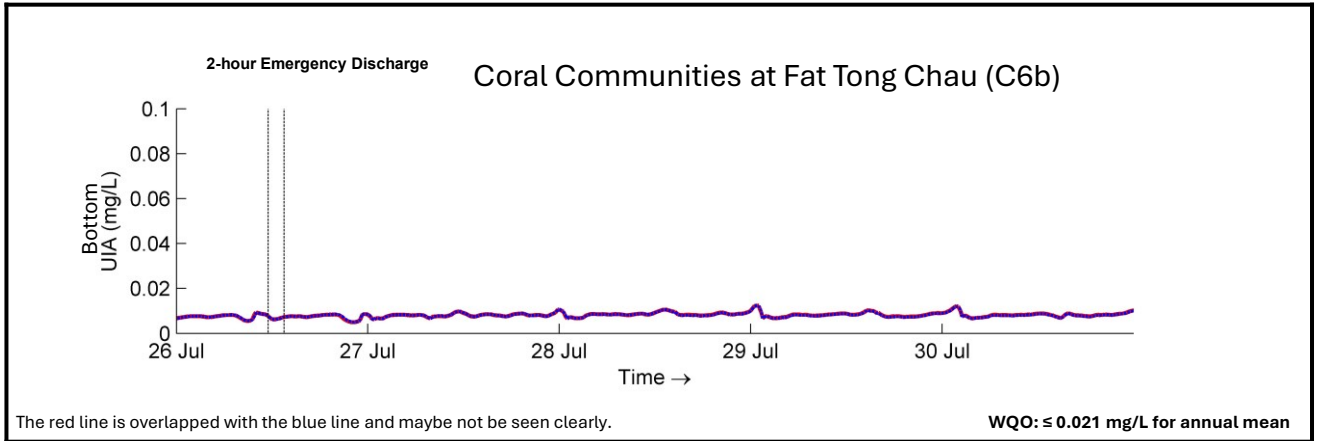
The red line is overlapped with the blue line and maybe not be seen clearly.

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

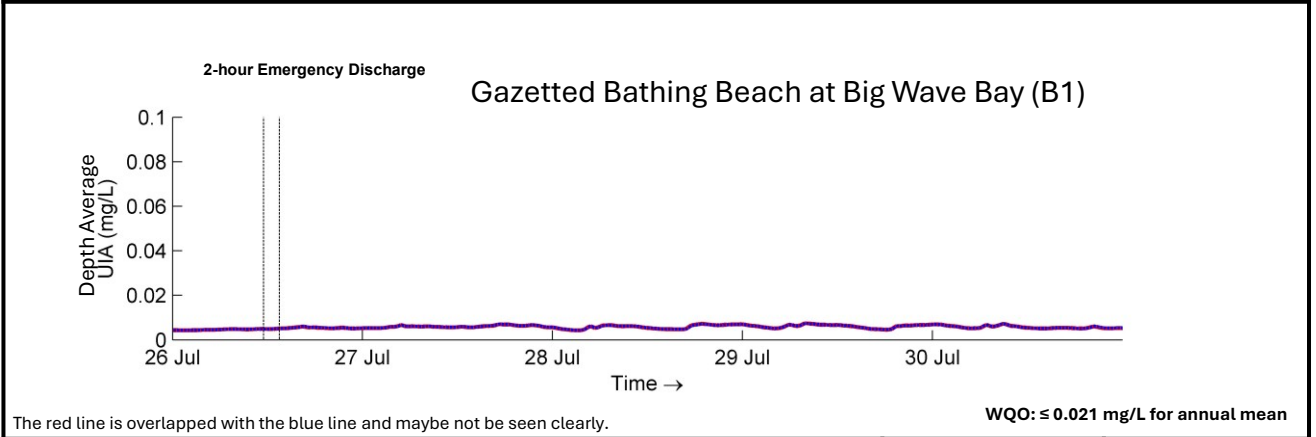
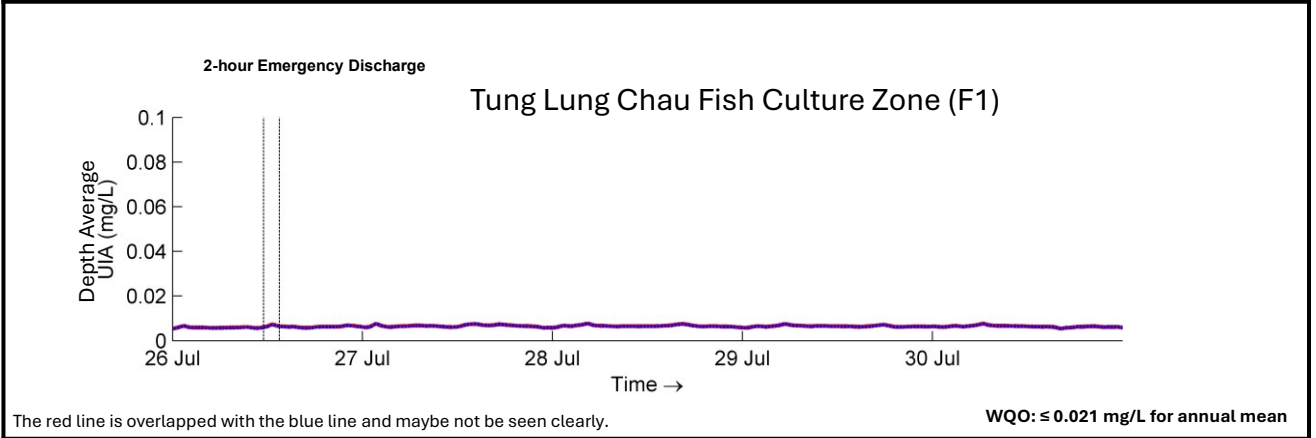
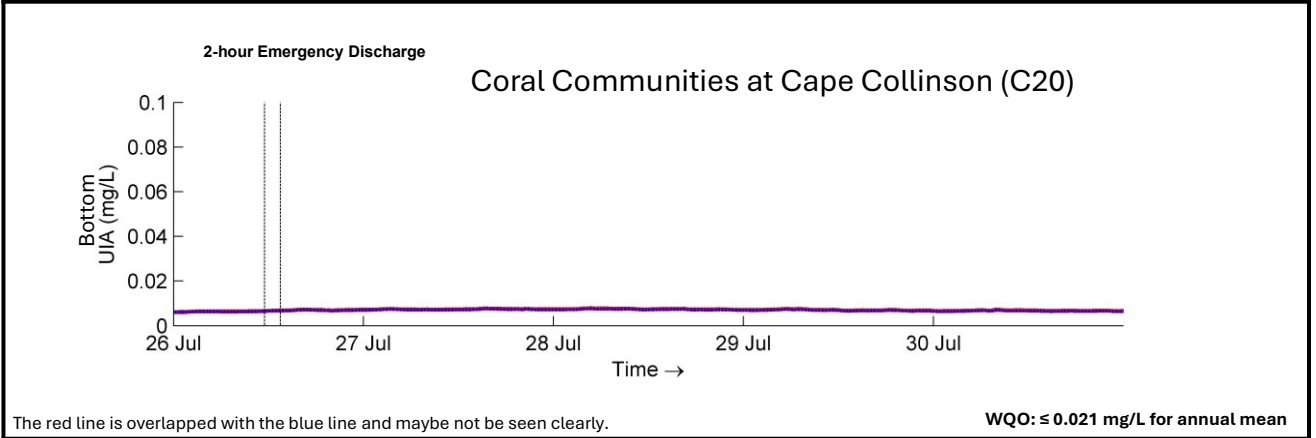
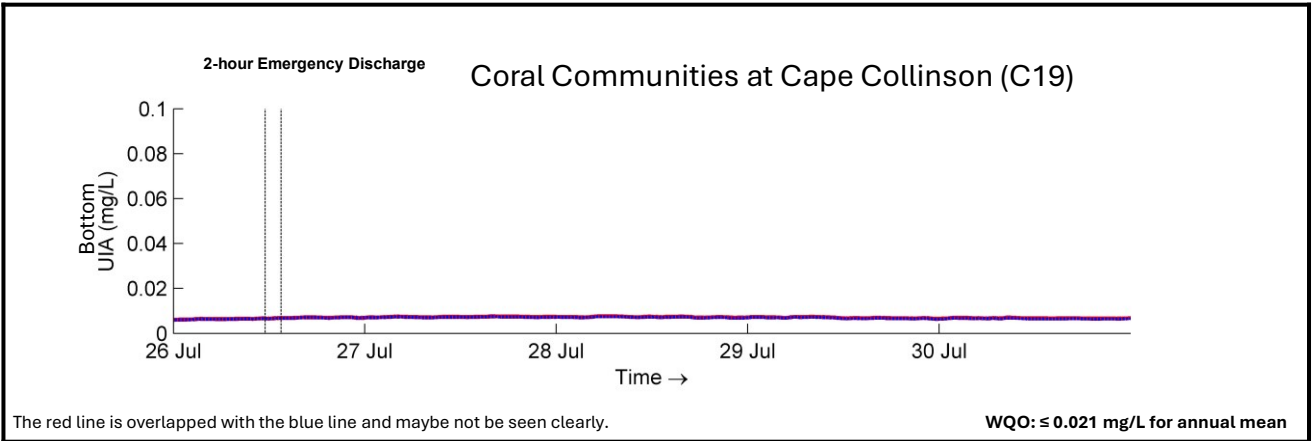


<b>Timeseries Plot UIA</b> Top: FW6 Depth-Average; Upper: SW1 Bottom; Lower: SW1 Mid-Depth; Bottom: SW1 Depth-Average Blue: Normal EPP Operation Red: "With 2-hour Emergency Discharge" Scenario		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11j	6

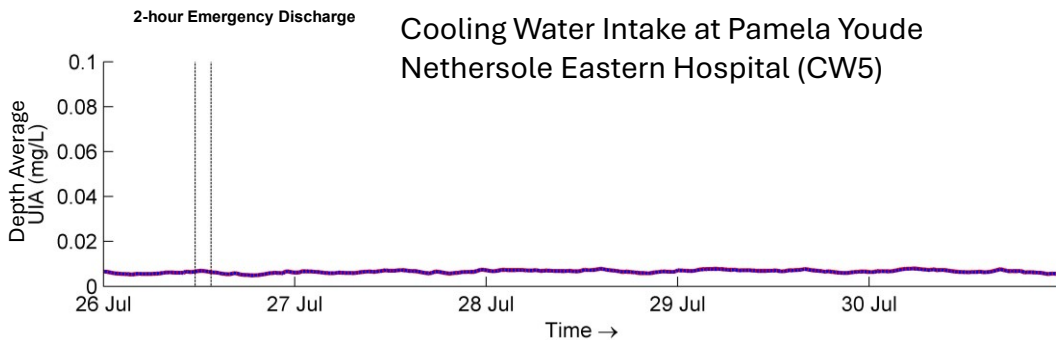


<p><b>Timeseries Plot for UIA</b>                  Top: C6b Bottom; Upper: CR2 Bottom; Lower: C7 Bottom; Bottom: C8 Bottom                  Blue: Normal EPP Operation                  Red: "With 2-hour Emergency Discharge" Scenario</p>		Wet
	CE 40/2023 (CE)	
Binnies	Appendix 5.11j	7





<b>Timeseries Plot for UIA</b> 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