

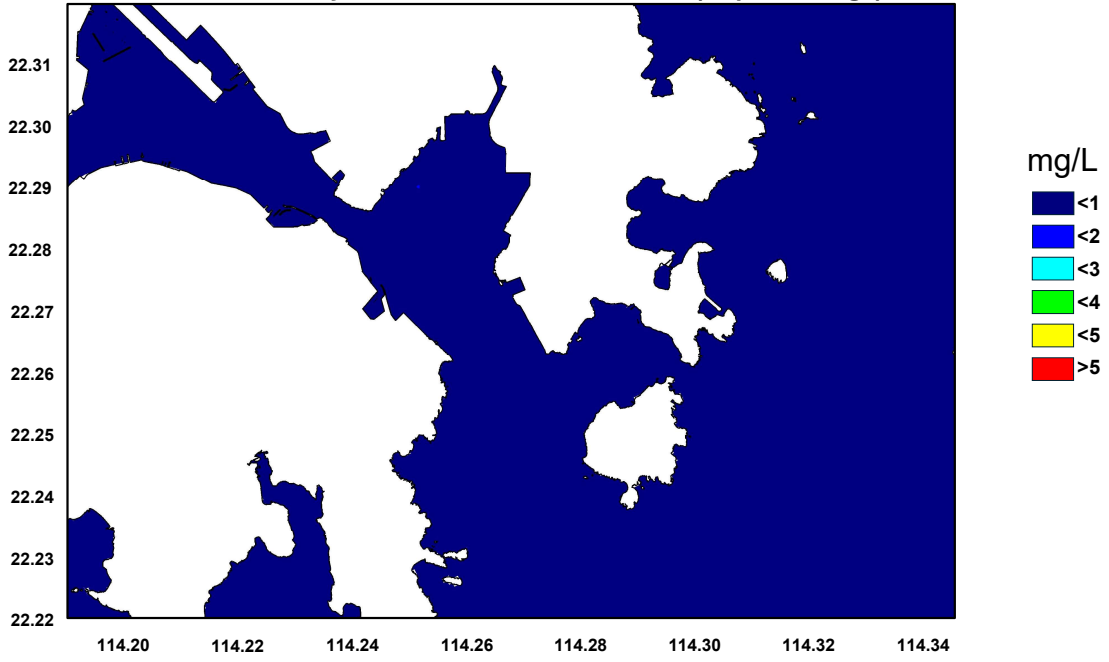
Appendix 5.10d

Construction Phase Contour Plots
for SS Elevation and Sedimentation – Mitigated Scenarios

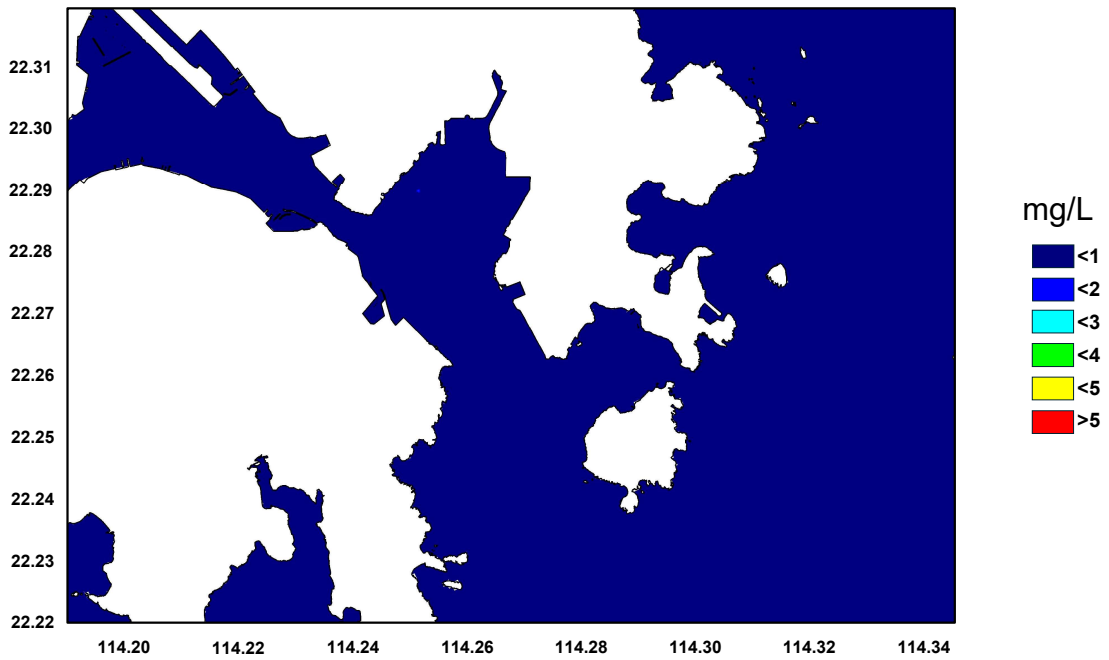
Appendix 5.10d Construction Phase Model Contour Plots - Mitigated Scenarios

Scenario	Description	Page & Location
A1 Dry Mitigated	Mean Suspended Solid Elevation – Depth-Average	2 Upper
A1 Dry Mitigated	Mean Suspended Solid Elevation – Bottom Layer	2 Bottom
A1 Wet Mitigated	Mean Suspended Solid Elevation – Depth-Average	3 Upper
A1 Wet Mitigated	Mean Suspended Solid Elevation – Bottom Layer	3 Bottom
A2 Dry Mitigated	Mean Suspended Solid Elevation – Depth-Average	4 Upper
A2 Dry Mitigated	Mean Suspended Solid Elevation – Bottom Layer	4 Bottom
A2 Wet Mitigated	Mean Suspended Solid Elevation – Depth-Average	5 Upper
A2 Wet Mitigated	Mean Suspended Solid Elevation – Bottom Layer	5 Bottom
A1 Dry Mitigated	Mean Sedimentation Rate	6 Upper
A1 Wet Mitigated	Mean Sedimentation Rate	6 Bottom
A2 Dry Mitigated	Mean Sedimentation Rate	7 Upper
A2 Wet Mitigated	Mean Sedimentation Rate	7 Bottom

Scenario A1 – Dry Season – Mean SS Elevations (Depth Average)

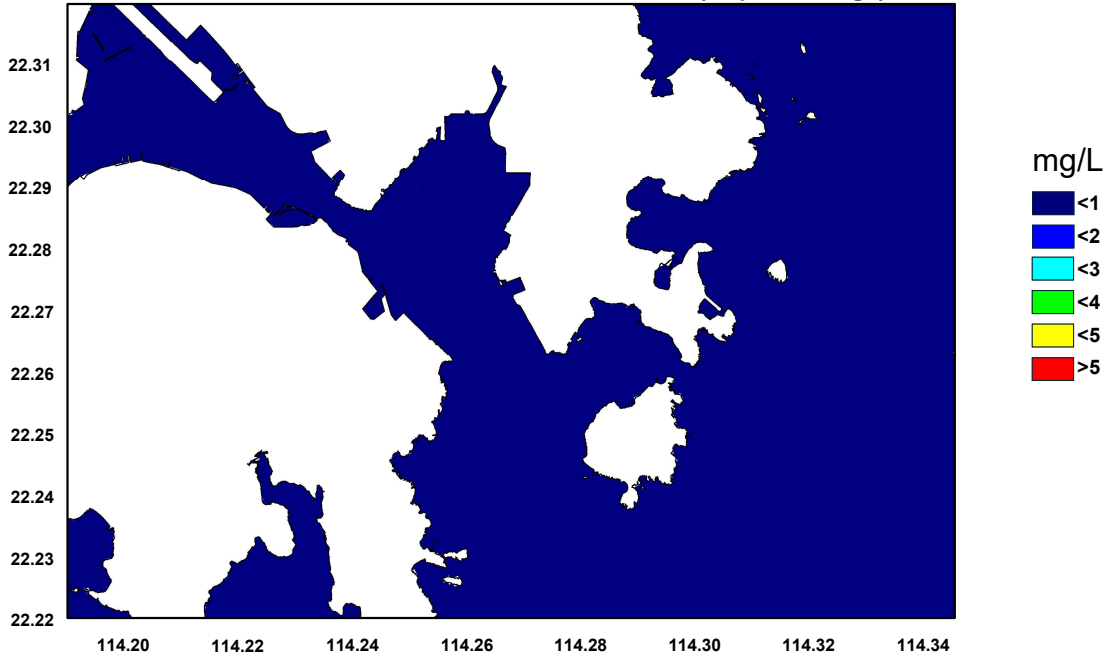


Scenario A1 – Dry Season – Mean SS Elevations (Bottom)

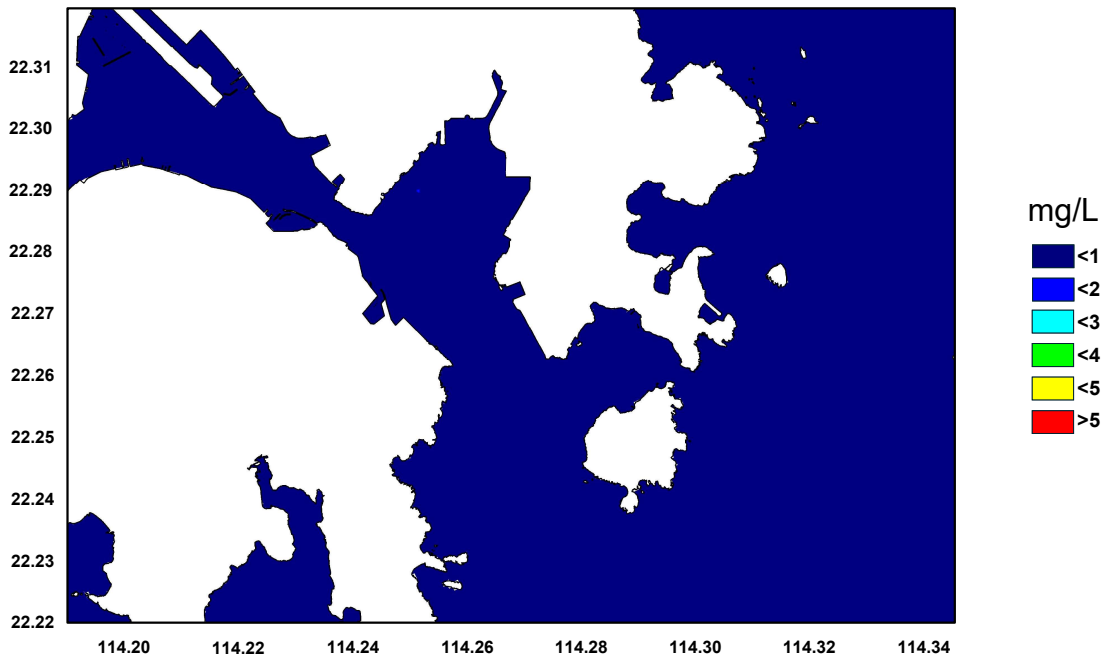


Mean Suspended Solid Elevation (mg/L) Upper: Depth-Average Lower: Bottom	Dry Season	Scenario A1
	CE 40/2023 (CE)	
Binnies	Appendix 5.10d	2

Scenario A1 – Wet Season – Mean SS Elevations (Depth Average)

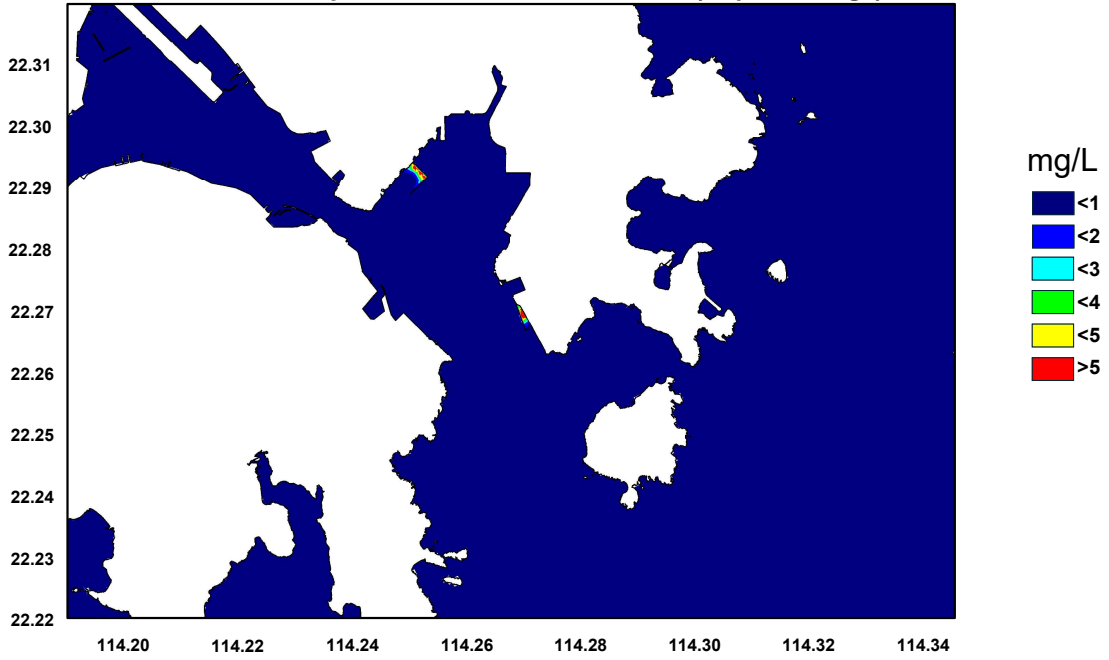


Scenario A1 – Wet Season – Mean SS Elevations (Bottom)

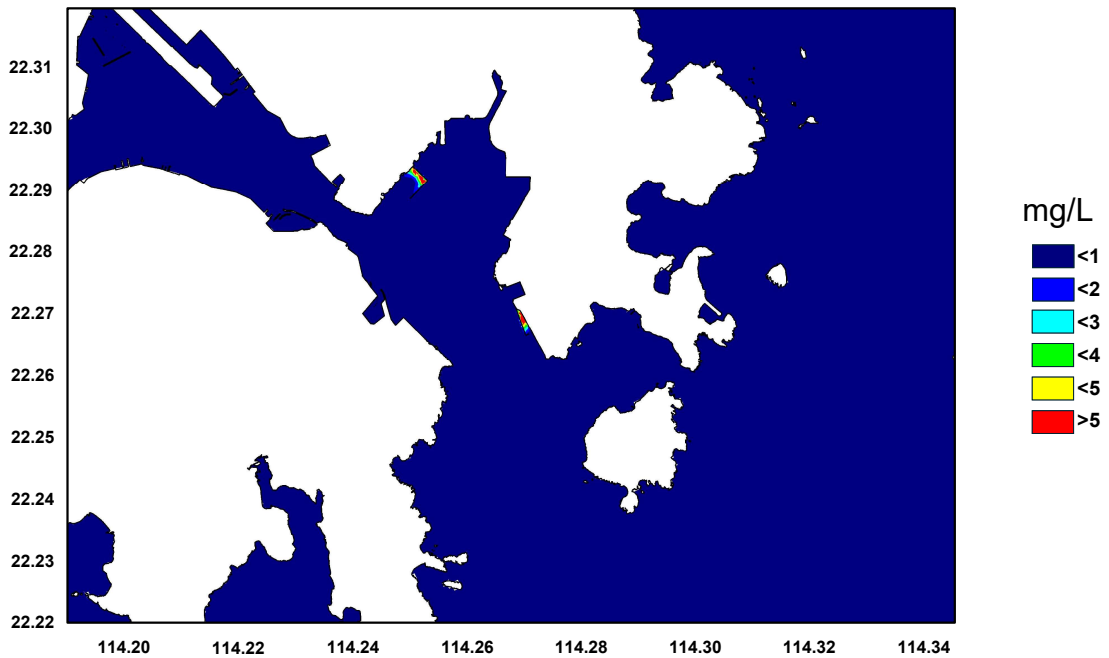


Mean Suspended Solid Elevation (mg/L) Upper: Depth-Average Lower: Bottom	Wet Season	Scenario A1
	CE 40/2023 (CE)	
Binnies	Appendix 5.10d	3

Scenario A2 – Dry Season – Mean SS Elevations (Depth Average)

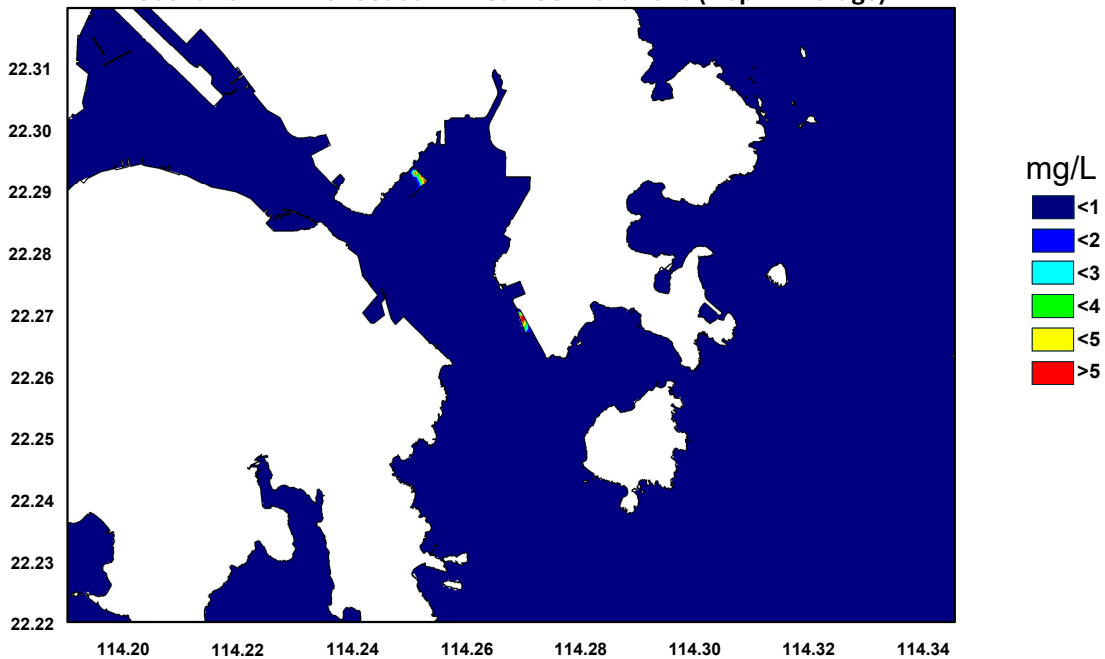


Scenario A2 – Dry Season – Mean SS Elevations (Bottom)

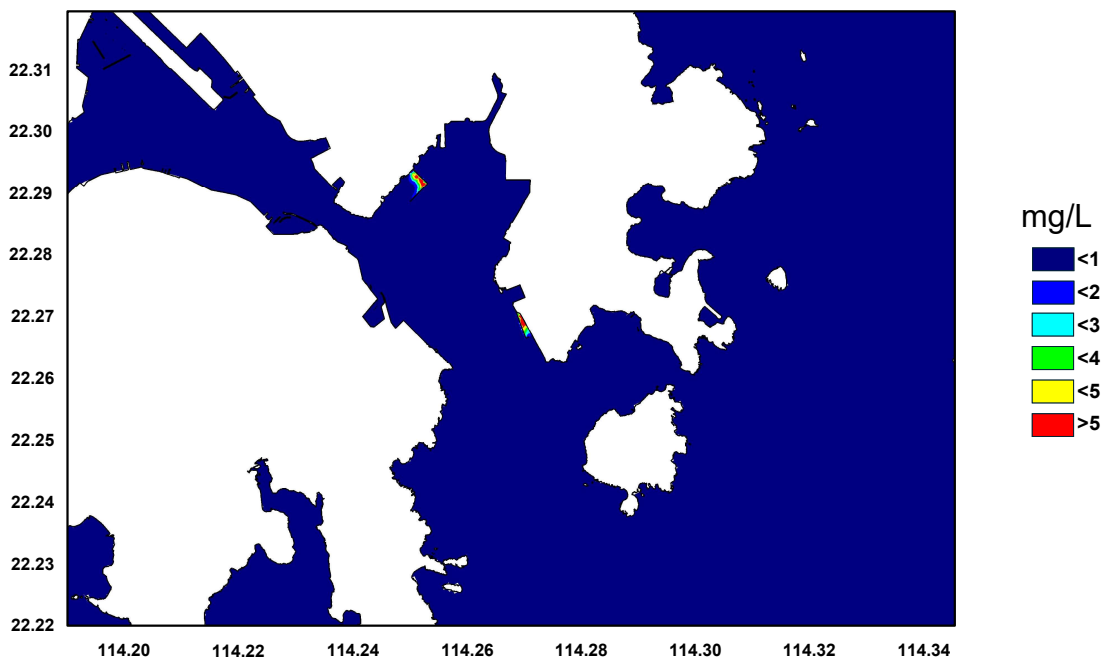


Mean Suspended Solid Elevation (mg/L) Upper: Depth-Average Lower: Bottom	Dry Season	Scenario A2
	CE 40/2023 (CE)	
Binnies	Appendix 5.10d	4

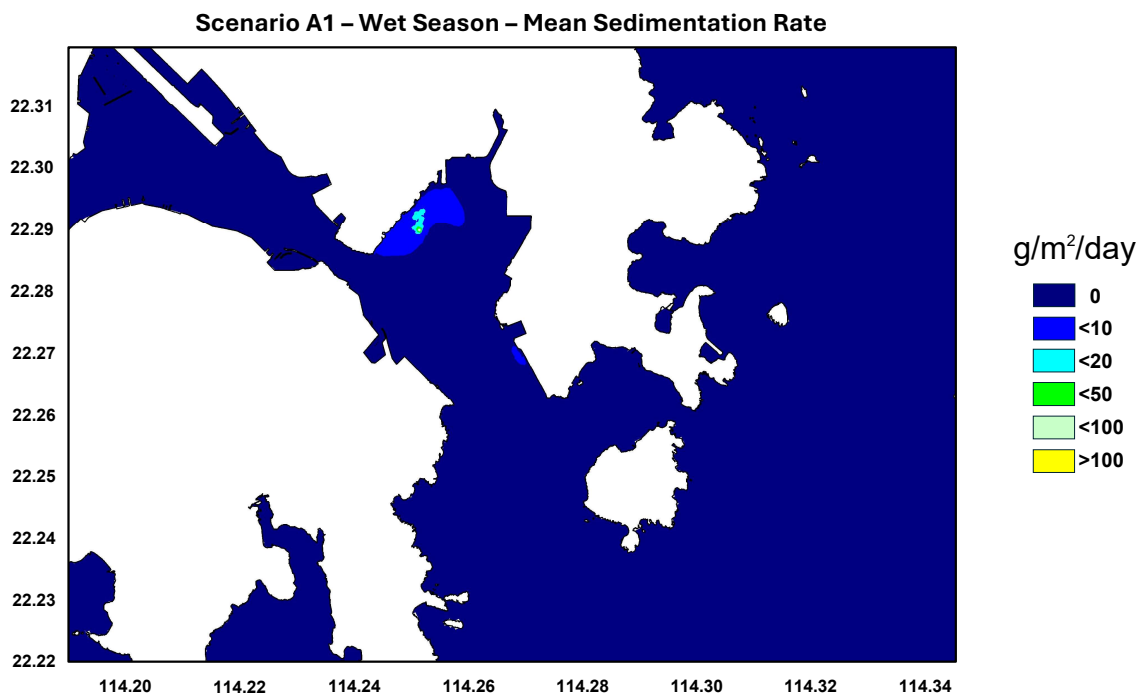
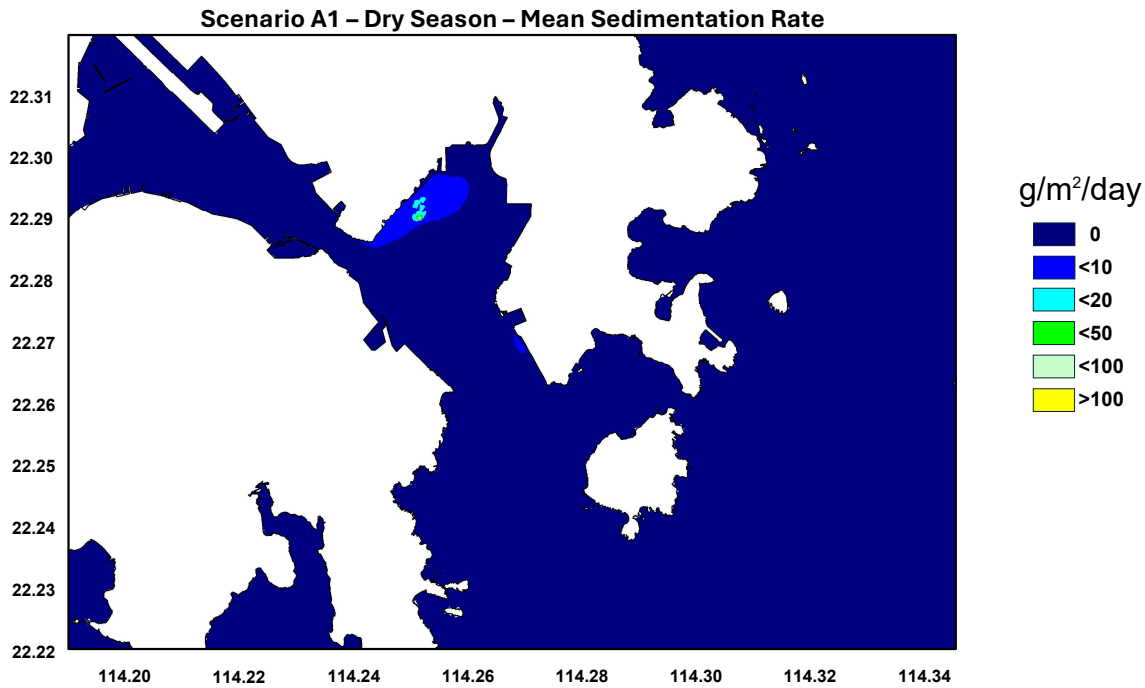
Scenario A2 – Wet Season – Mean SS Elevations (Depth Average)



Scenario A2 – Wet Season – Mean SS Elevations (Bottom)

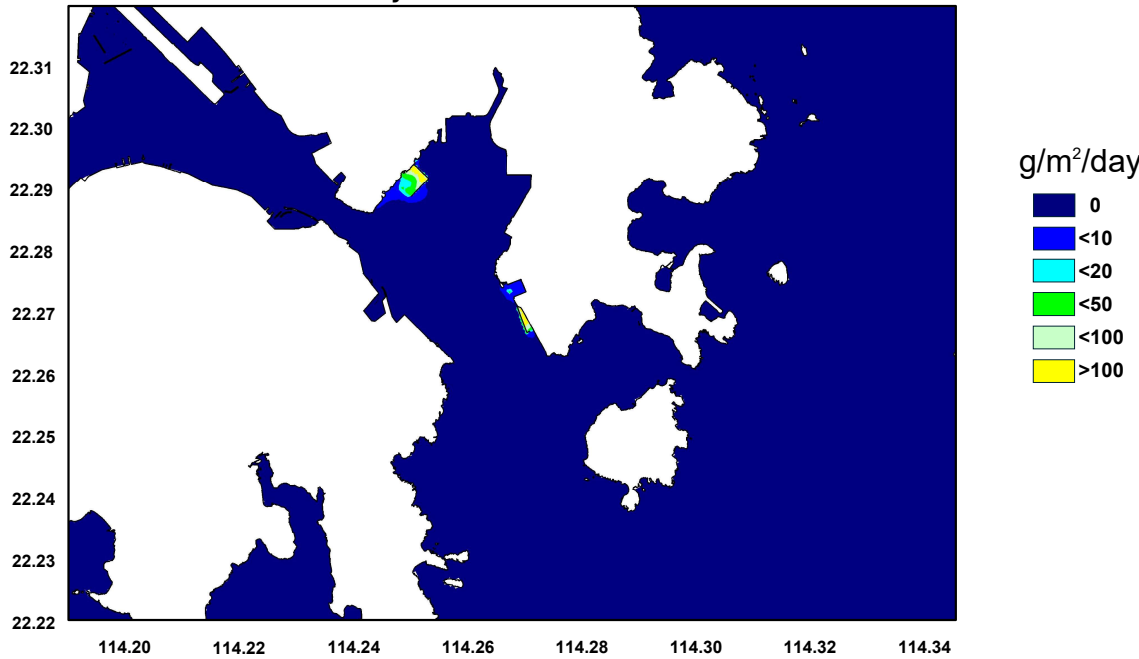


Mean Suspended Solid Elevation (mg/L) Upper: Depth-Average Lower: Bottom	Wet Season	Scenario A2
	CE 40/2023 (CE)	
Binnies	Appendix 5.10d	5

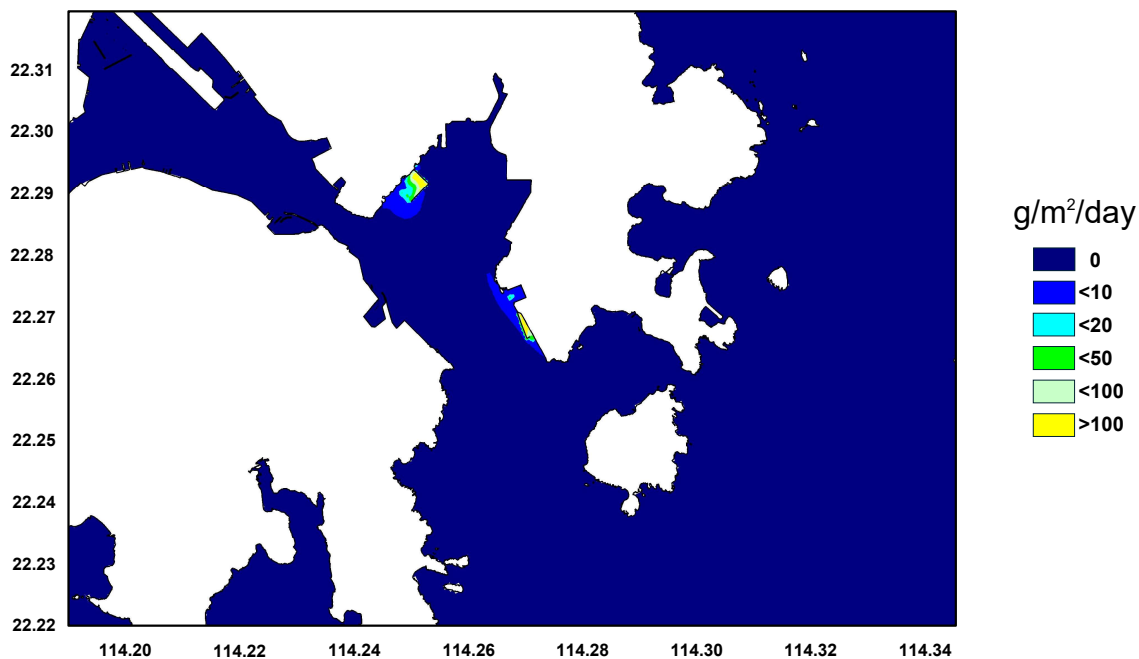


Mean Sedimentation Rate (g/m²/day) Upper: Dry Season Lower: Wet Season		Scenario A1
	CE 40/2023 (CE)	
Binnies	Appendix 5.10d	6

Scenario A2 – Dry Season – Mean Sedimentation Rate



Scenario A2 – Wet Season – Mean Sedimentation Rate



Mean Sedimentation Rate (g/m ² /day) Upper: Dry Season Lower: Wet Season		Scenario A2
	CE 40/2023 (CE)	
Binnies	Appendix 5.10d	7