

Appendix 6.5

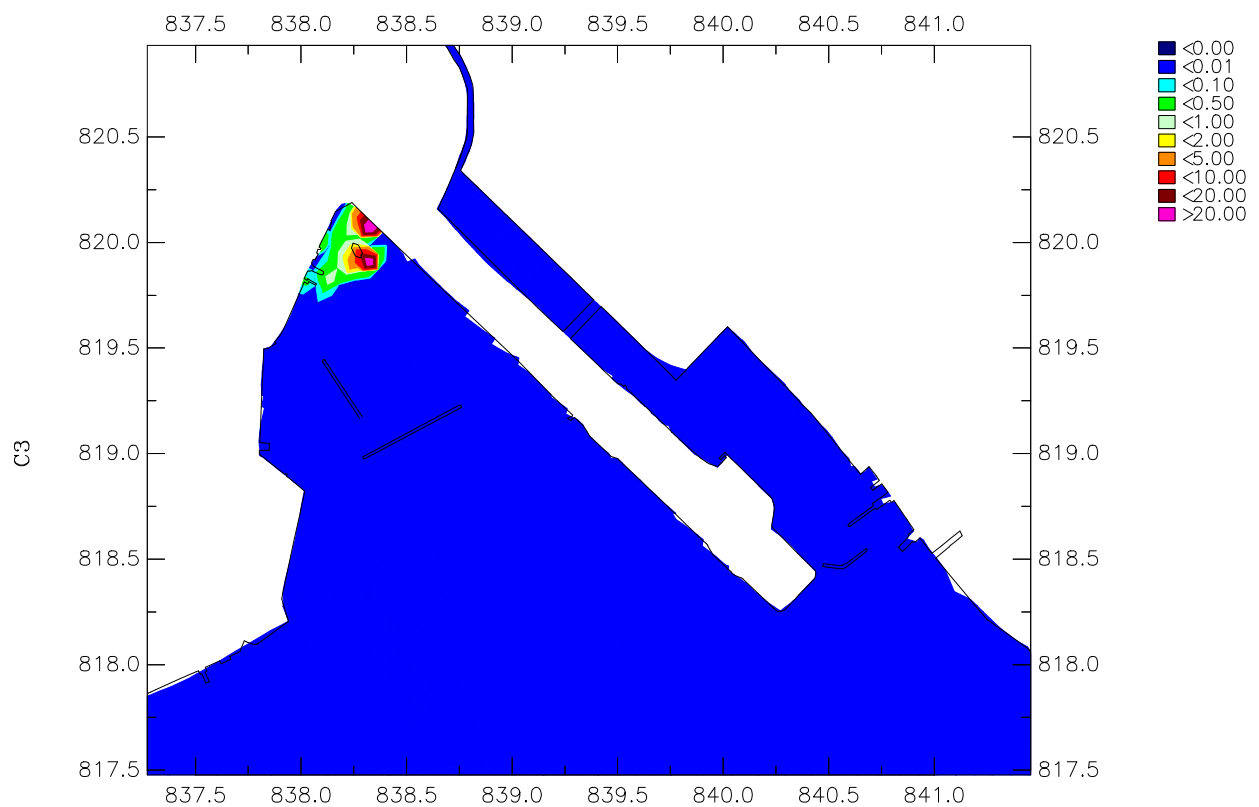
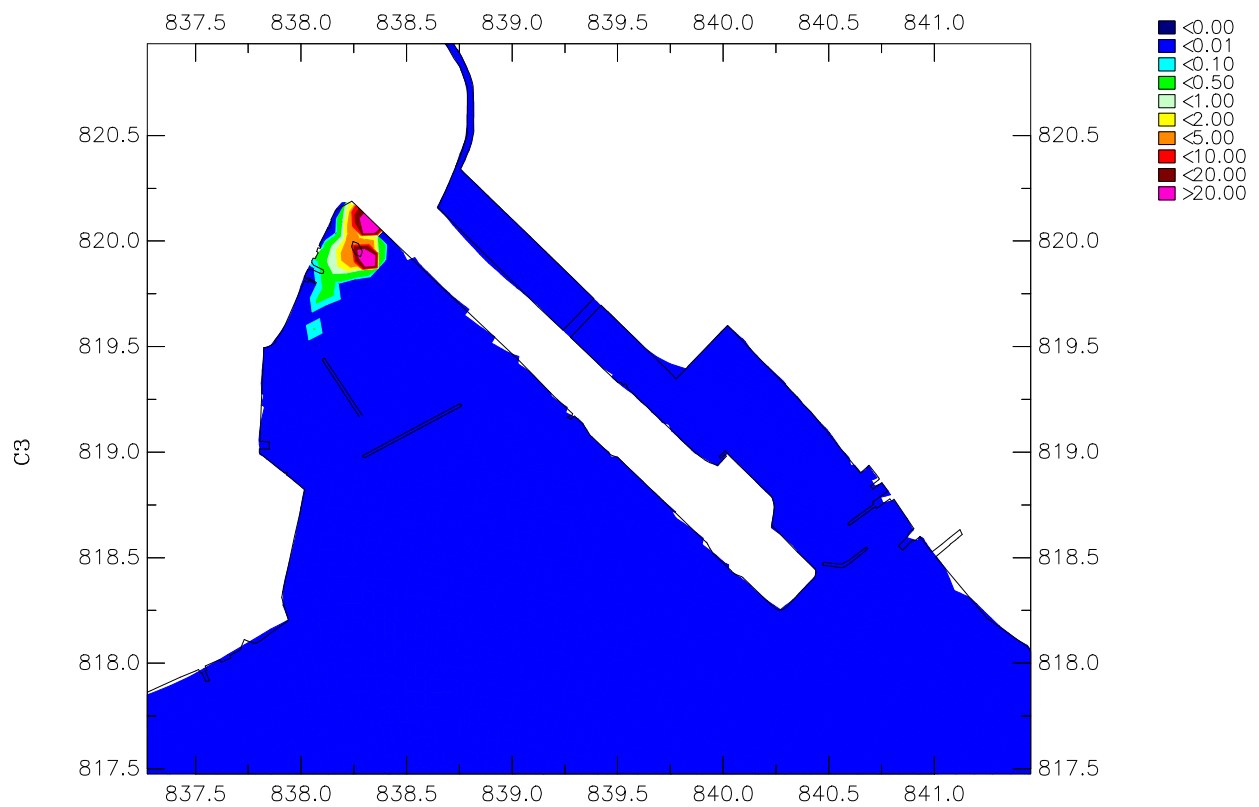
Model Results for Suspended Solids Elevation (Unmitigated)

Unmitigated Scenario – Results for SS Elevation

Drawing No.	Description
C3-D-SET-U	Scenario C3- dredging of marine channel for CKR on SS elevation during spring ebb tide, dry season without mitigation (upper: surface layer; lower: bottom layer)
C3-D-SFT-U	Scenario C3- dredging of marine channel for CKR on SS elevation during spring flood tide, dry season without mitigation (upper: surface layer; lower: bottom layer)
C3-D-NET-U	Scenario C3- dredging of marine channel for CKR on SS elevation during neap ebb tide, dry season without mitigation (upper: surface layer; lower: bottom layer)
C3-D-NFT-U	Scenario C3- dredging of marine channel for CKR on SS elevation during neap flood tide, dry season without mitigation (upper: surface layer; lower: bottom layer)
C3-D-HHW-U	Scenario C3- dredging of marine channel for CKR on SS elevation during highest high water, dry season without mitigation (upper: surface layer; lower: bottom layer)
C3-D-LLW-U	Scenario C3- dredging of marine channel for CKR on SS elevation during lowest low water, dry season without mitigation (upper: surface layer; lower: bottom layer)
C3-D-SST-U	Scenario C3- dredging of marine channel for CKR On SS elevation time series plot during dry season without mitigation
C3-W-SET-U	Scenario C3- dredging of marine channel for CKR on SS elevation during spring ebb tide, wet season without mitigation (upper: surface layer; lower: bottom layer)
C3-W-SFT-U	Scenario C3- dredging of marine channel for CKR on SS elevation during spring flood tide, wet season without mitigation (upper: surface layer; lower: bottom layer)
C3-W-NET-U	Scenario C3- dredging of marine channel for CKR on SS elevation during neap ebb tide, wet season without mitigation (upper: surface layer; lower: bottom layer)
C3-W-NFT-U	Scenario C3- dredging of marine channel for CKR on SS elevation during neap flood tide, wet season without mitigation (upper: surface layer; lower: bottom layer)
C3-W-HHW-U	Scenario C3- dredging of marine channel for CKR on SS elevation during highest high water, wet season without

Drawing No.	Description
	mitigation (upper: surface layer; lower: bottom layer)
C3-W-LLW-U	Scenario C3- dredging of marine channel for CKR on SS elevation during lowest low water, wet season without mitigation (upper: surface layer; lower: bottom layer)
C3-W-SST-U	Scenario C3- dredging of marine channel for CKR On SS elevation time series plot during wet season without mitigation
C4-D-SET-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during spring ebb tide, dry season without mitigation (upper: surface layer; lower: bottom layer)
C4-D-SFT-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during spring flood tide, dry season without mitigation (upper: surface layer; lower: bottom layer)
C4-D-NET-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during neap ebb tide, dry season without mitigation (upper: surface layer; lower: bottom layer)
C4-D-NFT-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during neap flood tide, dry season without mitigation (upper: surface layer; lower: bottom layer)
C4-D-HHW-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during highest high water, dry season without mitigation (upper: surface layer; lower: bottom layer)
C4-D-LLW-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during lowest low water, dry season without mitigation (upper: surface layer; lower: bottom layer)
C4-D-SST-U	Scenario C4- dredging of marine channel for CKR & T2 On SS elevation time series plot during dry season without mitigation
C4-W-SET-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during spring ebb tide, wet season without mitigation (upper: surface layer; lower: bottom layer)
C4-W-SFT-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during spring flood tide, wet season without mitigation (upper: surface layer; lower: bottom layer)
C4-W-NET-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during neap ebb tide, wet season without mitigation

Drawing No.	Description
	(upper: surface layer; lower: bottom layer)
C4-W-NFT-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during neap flood tide, wet season without mitigation (upper: surface layer; lower: bottom layer)
C4-W-HHW-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during highest high water, wet season without mitigation (upper: surface layer; lower: bottom layer)
C4-W-LLW-U	Scenario C4- dredging of marine channel for CKR & T2 on SS elevation during lowest low water, wet season without mitigation (upper: surface layer; lower: bottom layer)
C4-W-SST-U	Scenario C4- dredging of marine channel for CKR & T2 On SS elevation time series plot during wet season without mitigation



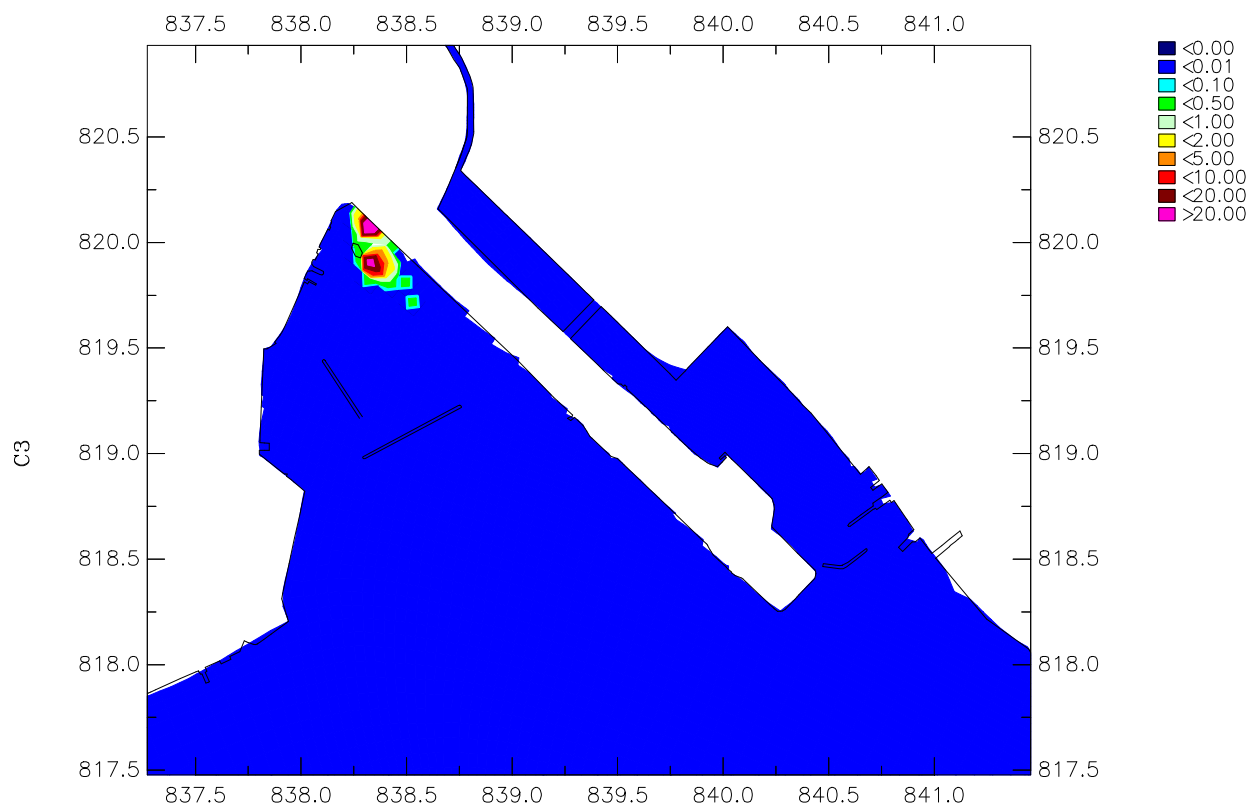
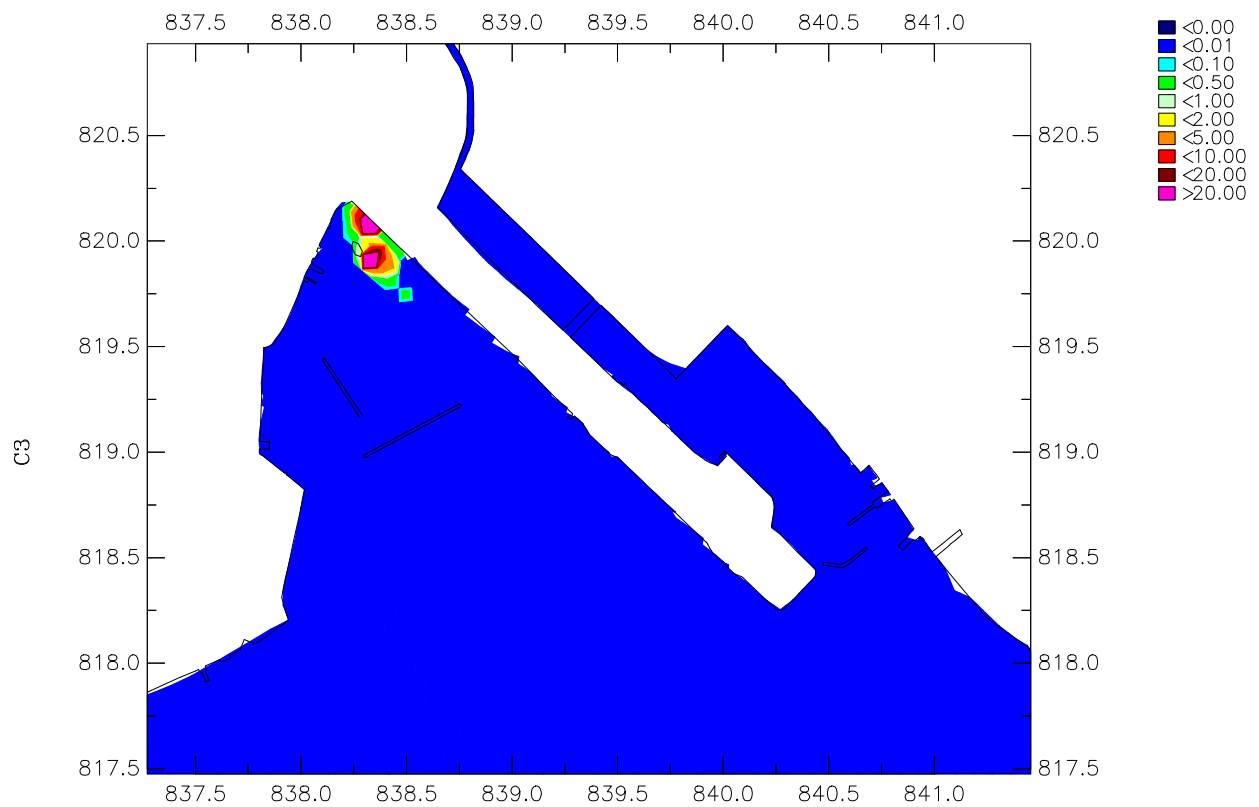
SS Elevation (mg/L) – Spring Ebb Tide (2006/1/12 19:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

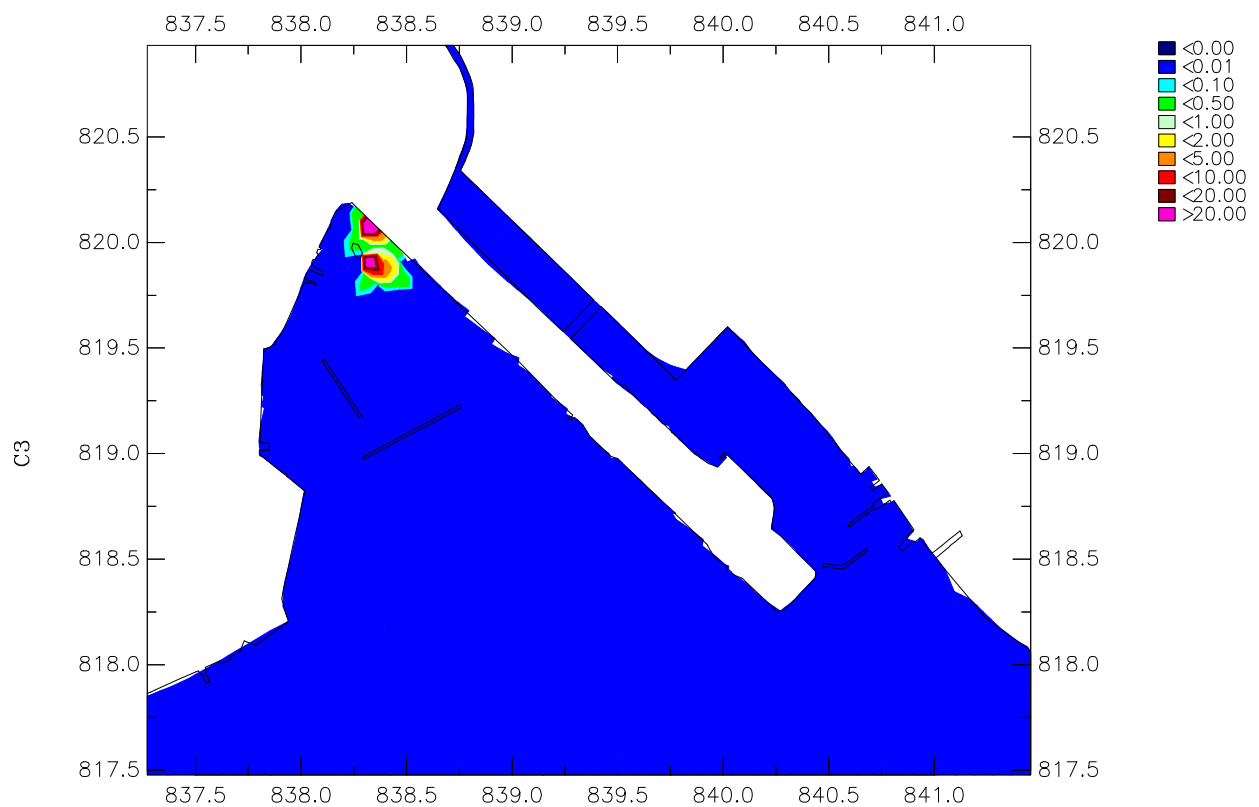
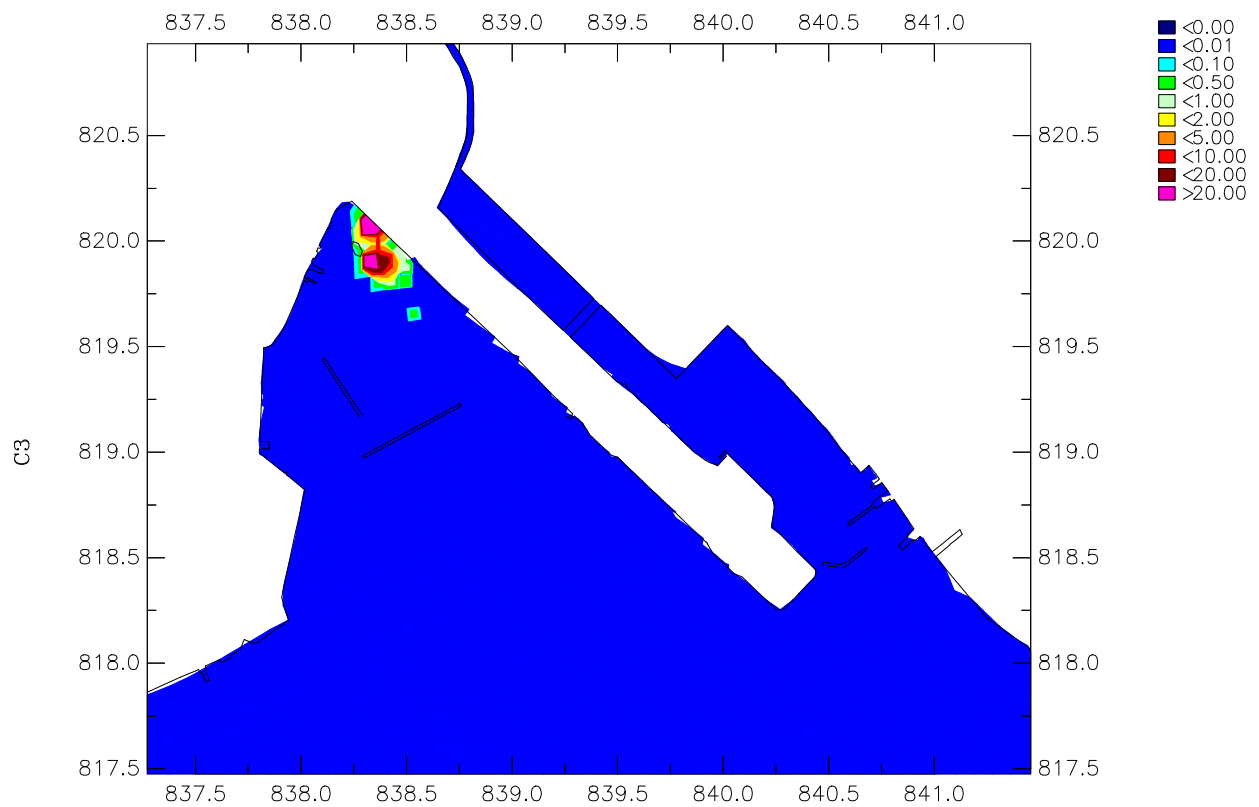
Dry Season

Unmitigated

Drawing: C3-D-SET-U

ARUP





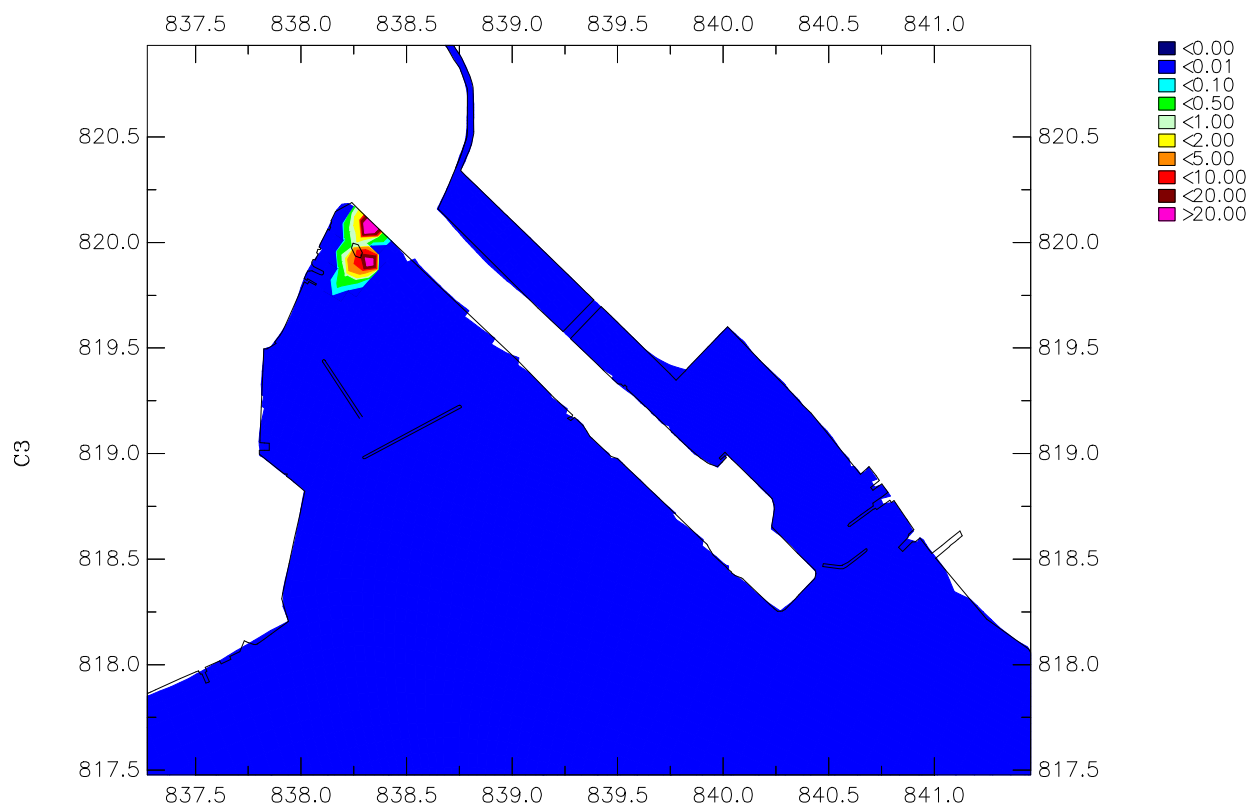
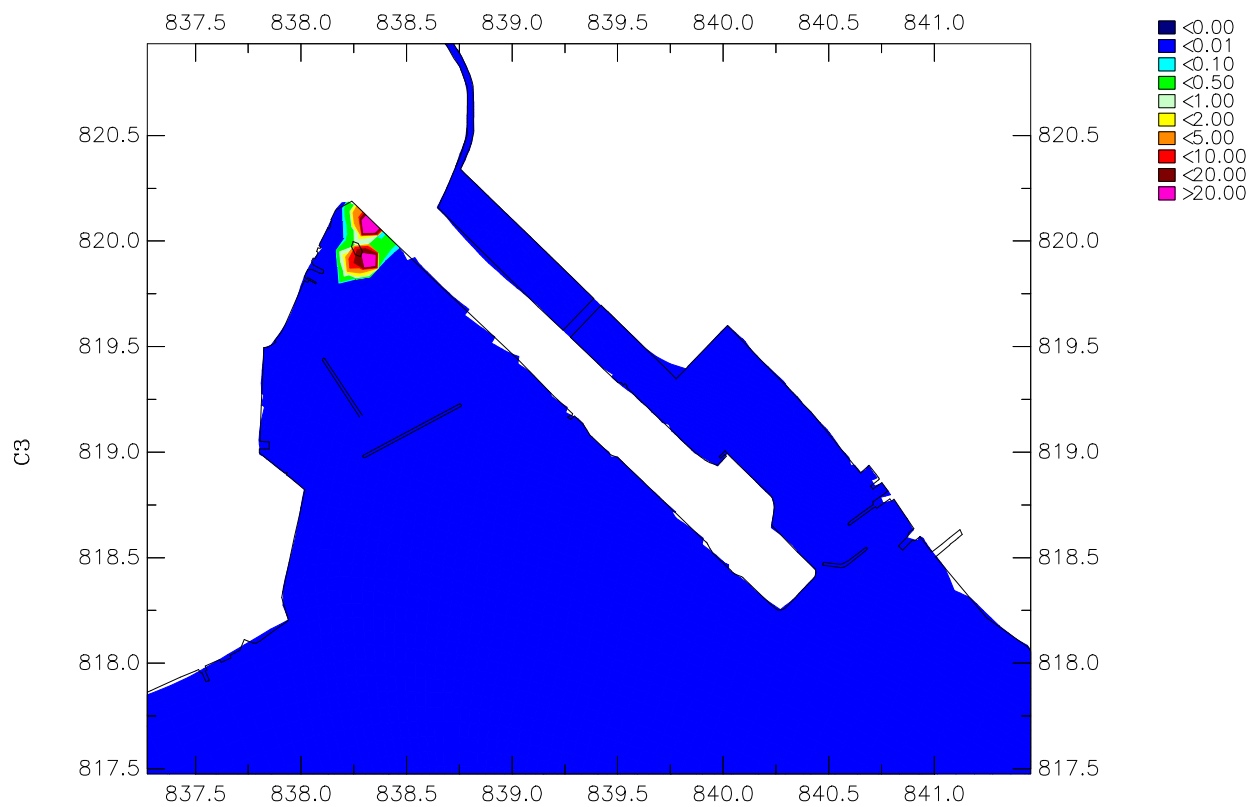
SS Elevation (mg/L) – Neap Ebb Tide (2006/1/12 18:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C3-D-NET-U

ARUP



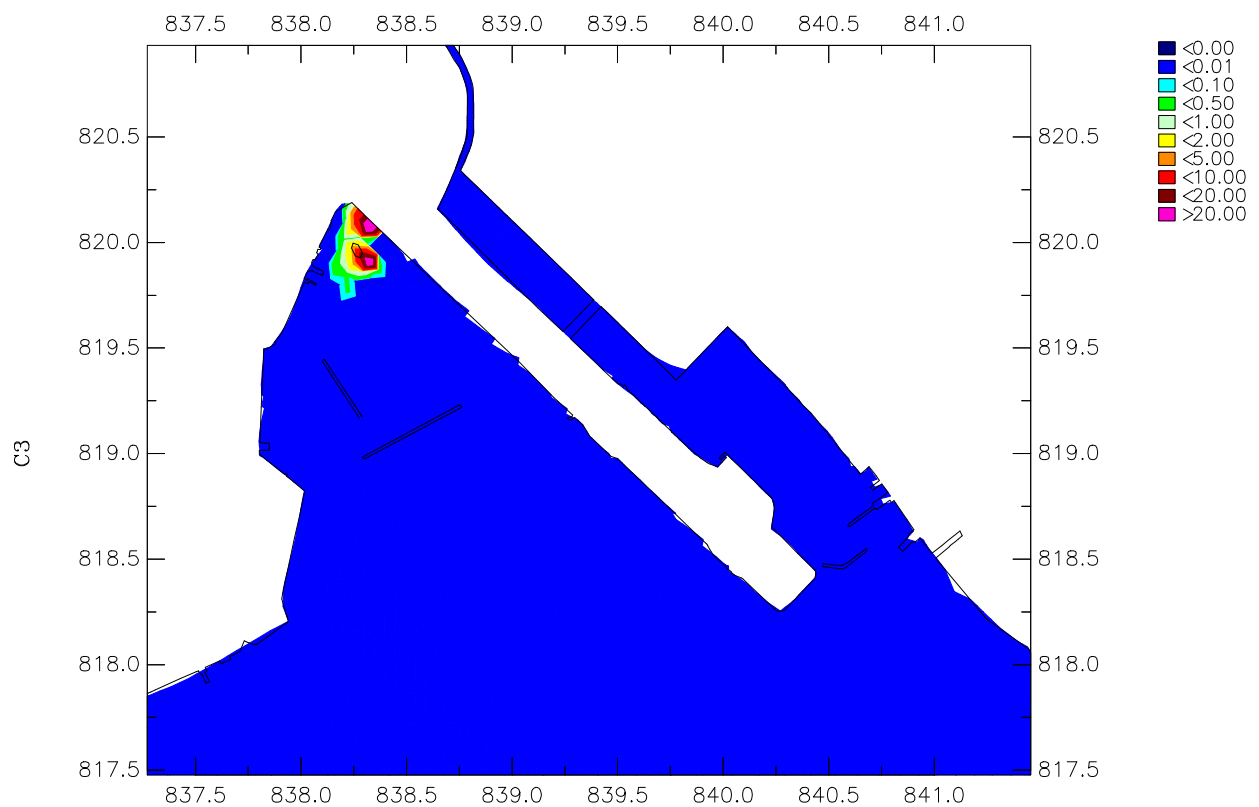
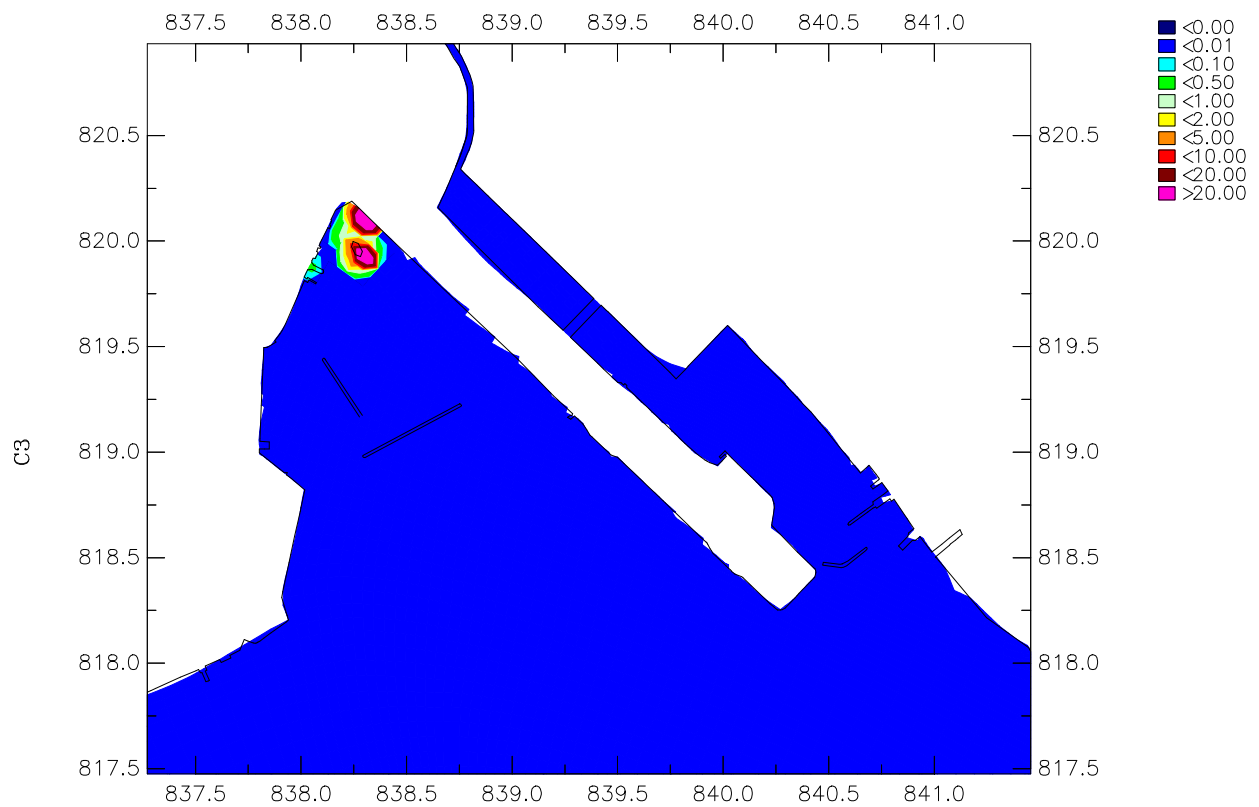
SS Elevation (mg/L) – Neap Flood Tide (2006/1/12 11:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C3–D–NFT–U

ARUP



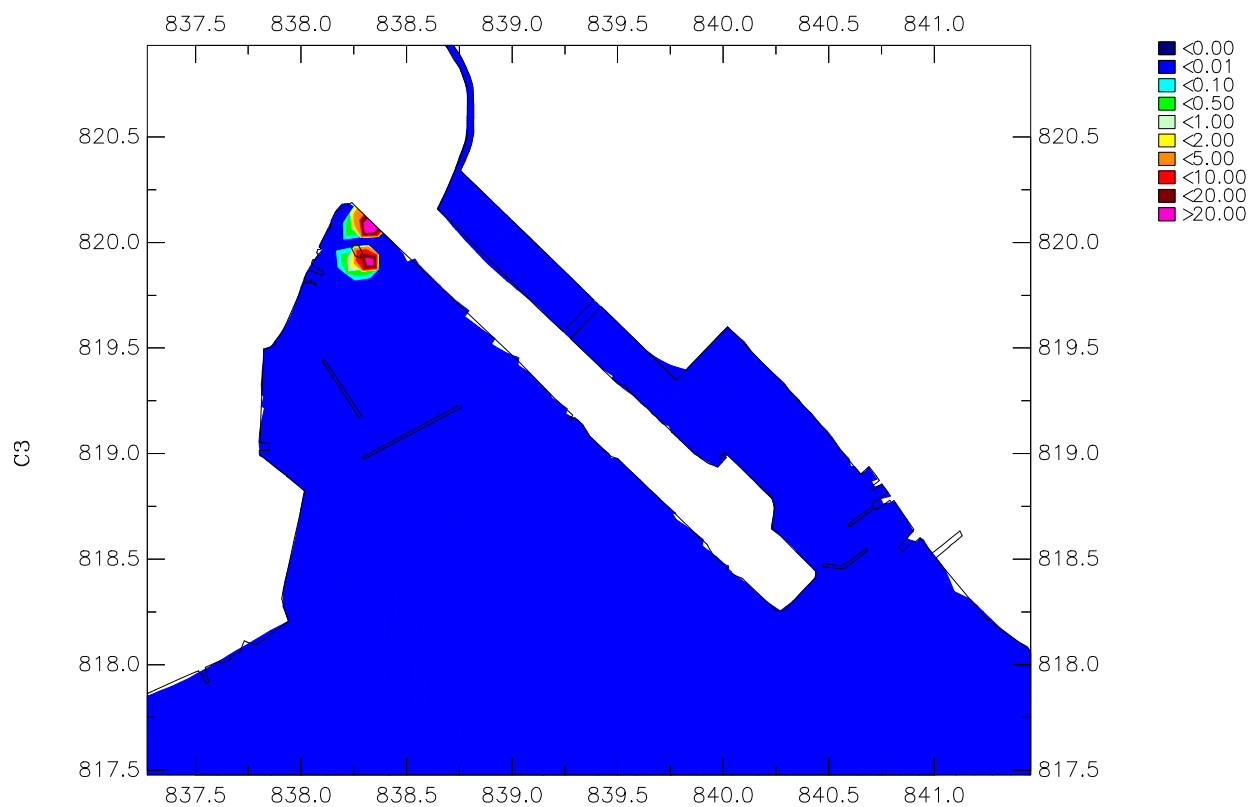
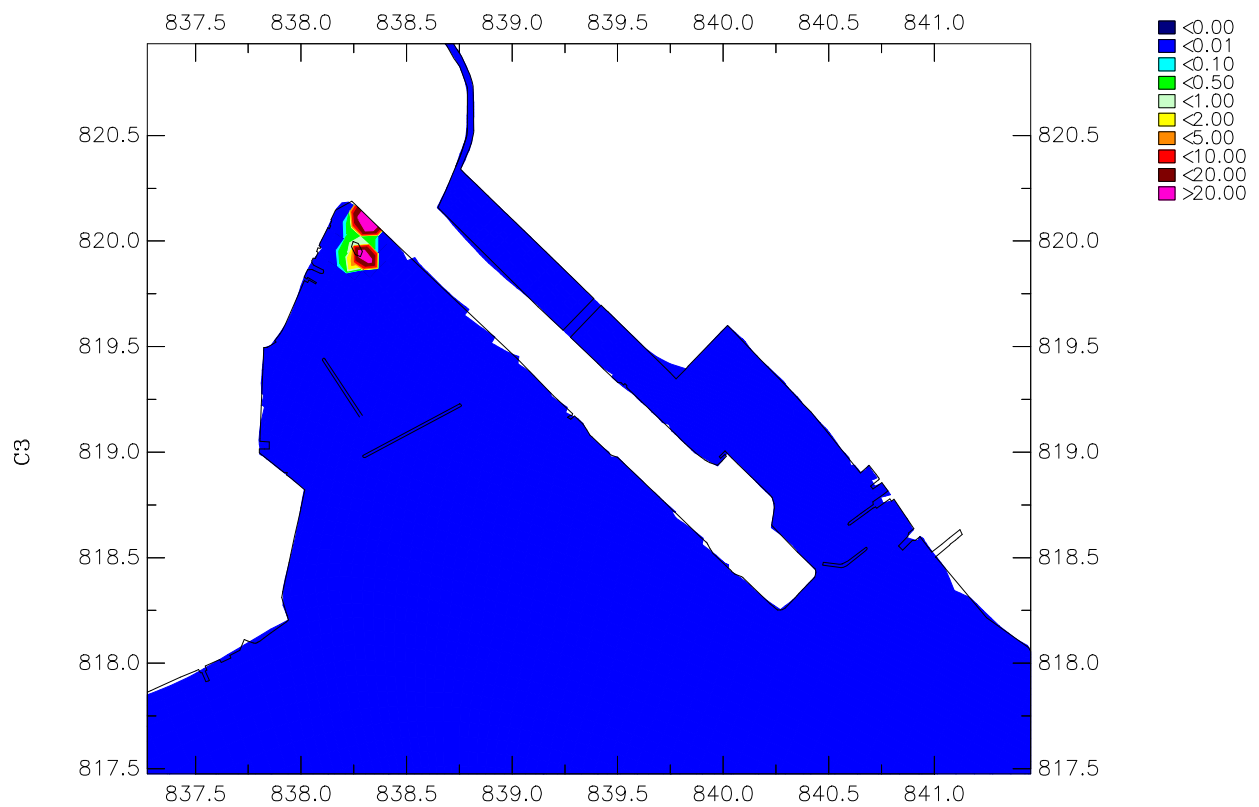
SS Elevation (mg/L) – Highest High Water (2006/1/15 18:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C3–D–HHW–U

ARUP



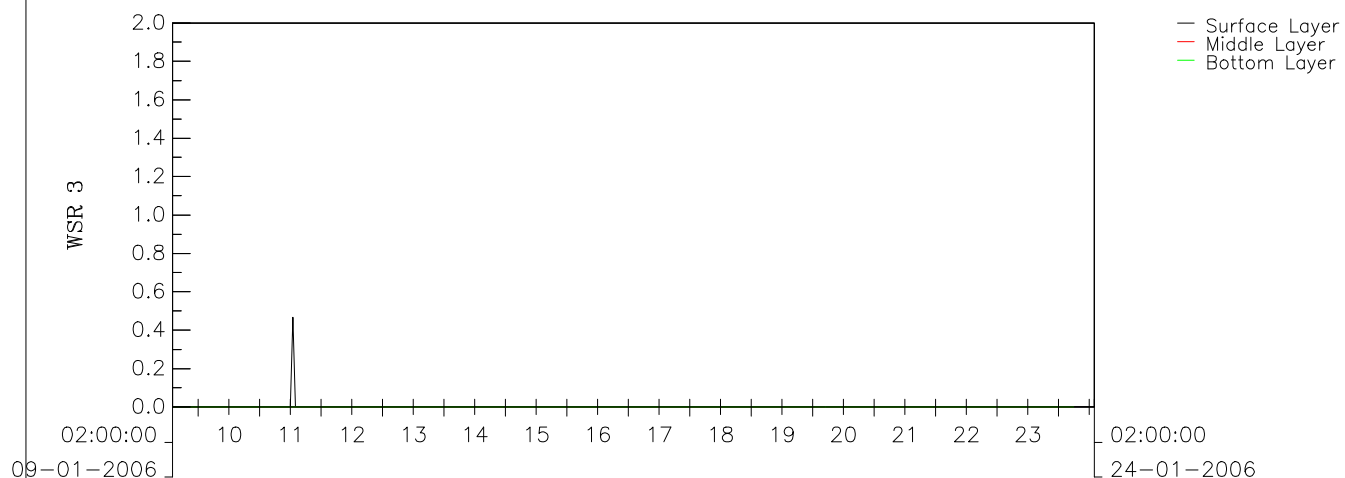
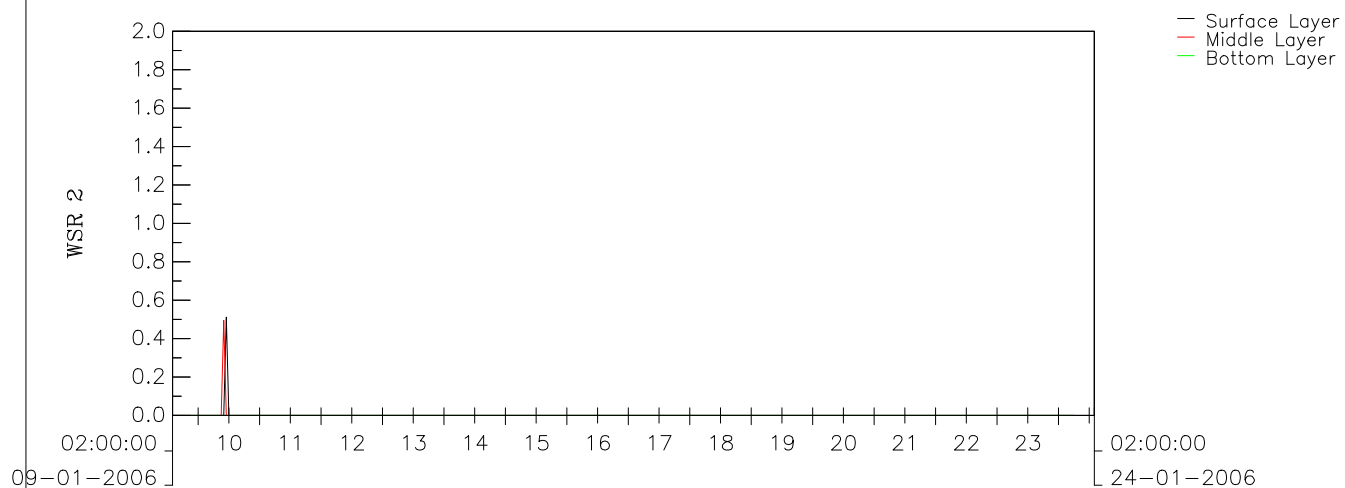
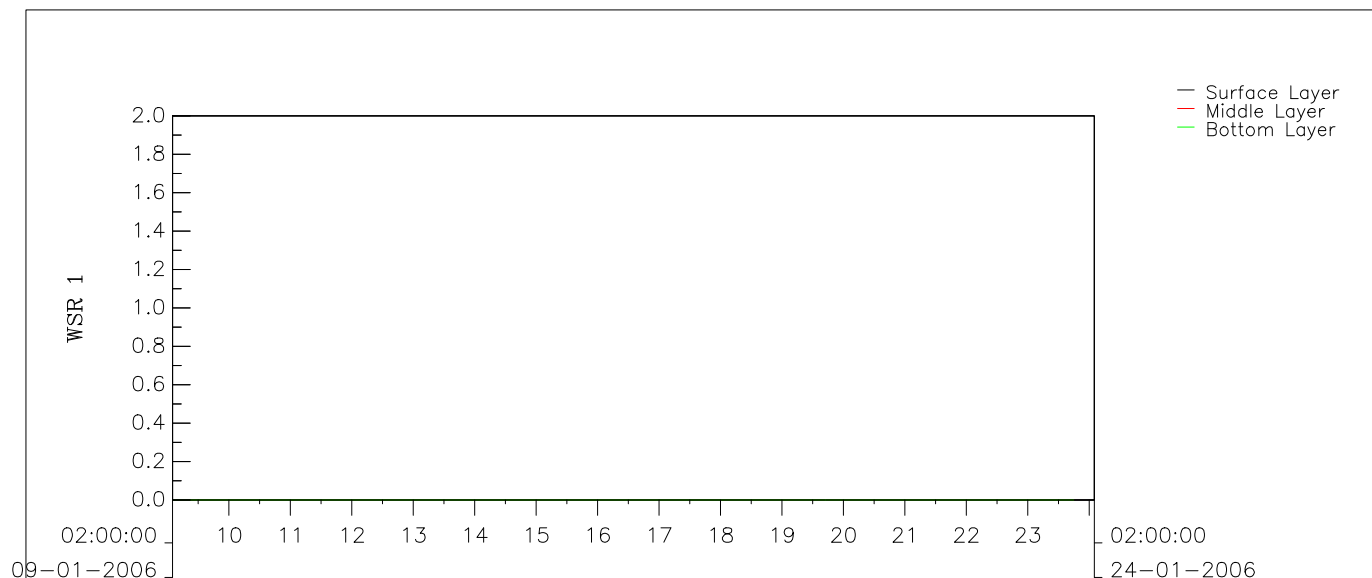
SS Elevation (mg/L) – Lowest Low Water (2006/1/16 08:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C3-D-LLW-U

ARUP



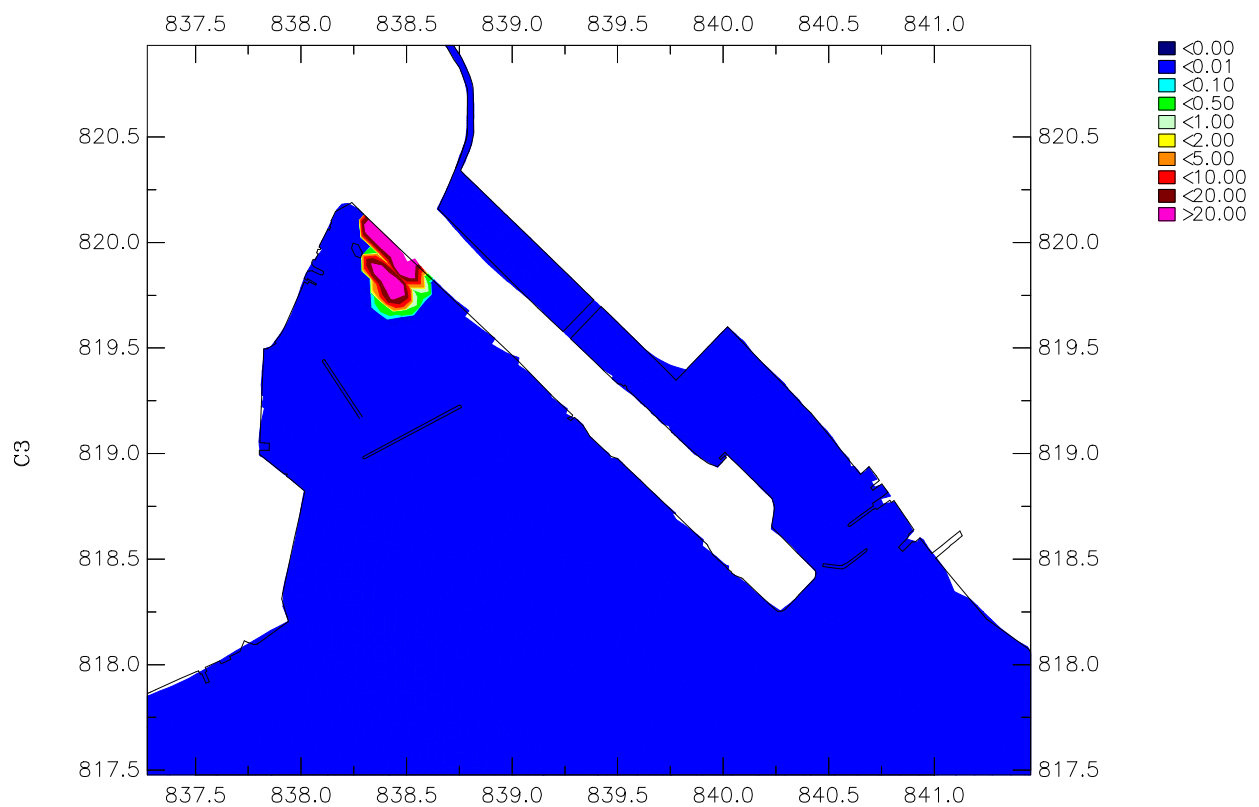
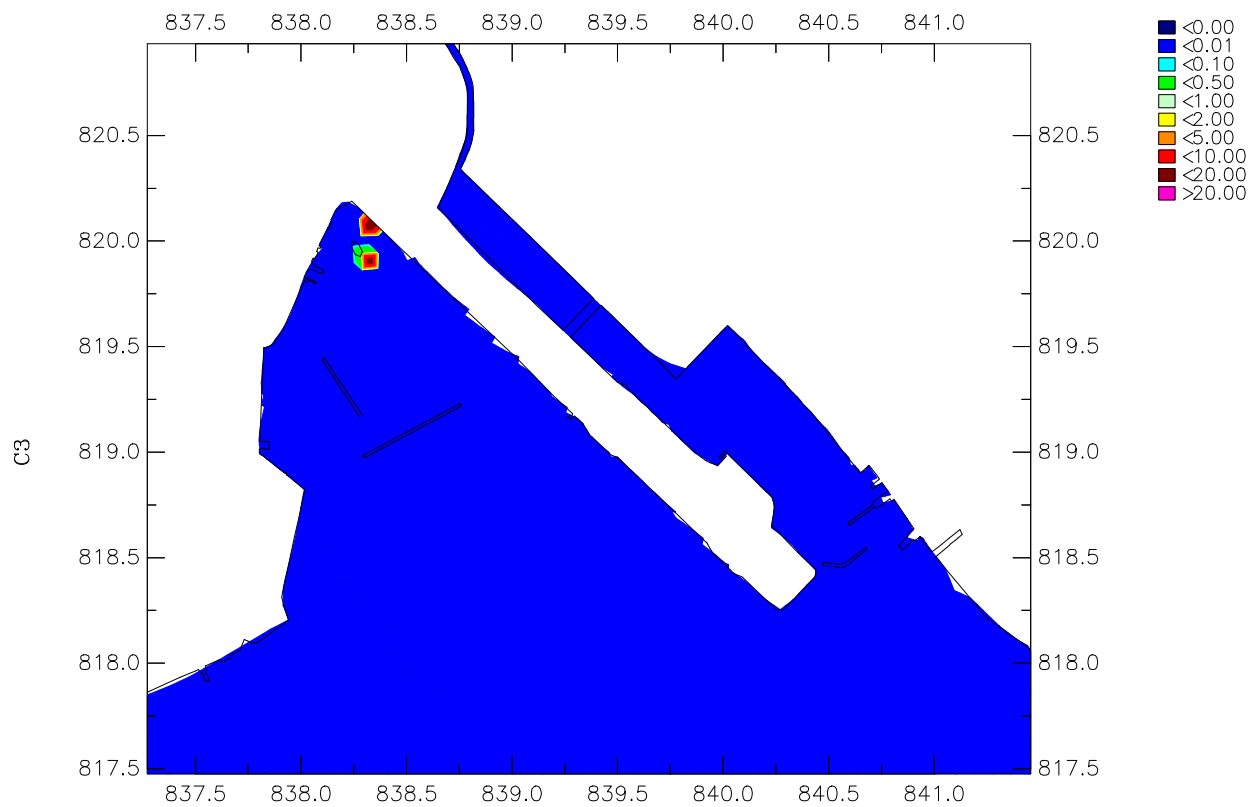
SS Elevation (mg/L) – Time Series Plot
Scenario C3

Dry Season

Unmitigated

Drawing: C3-D-SST-U

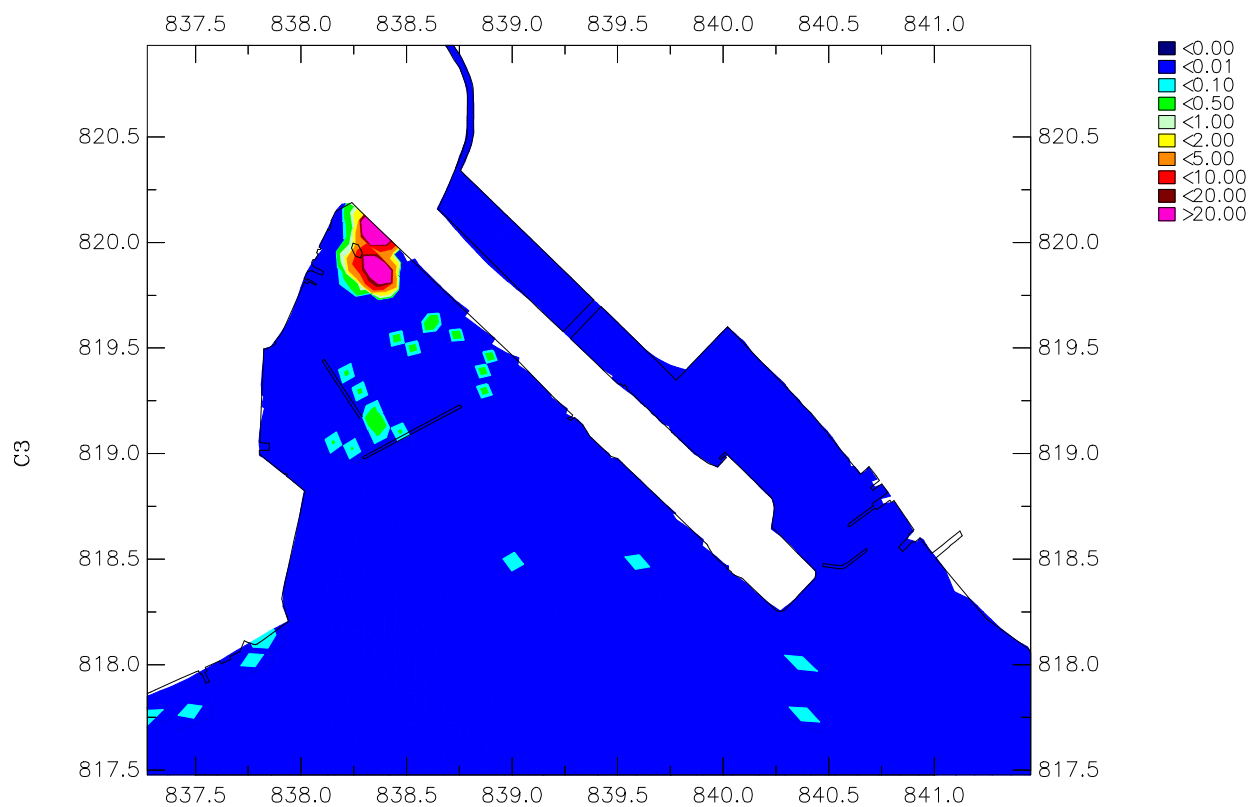
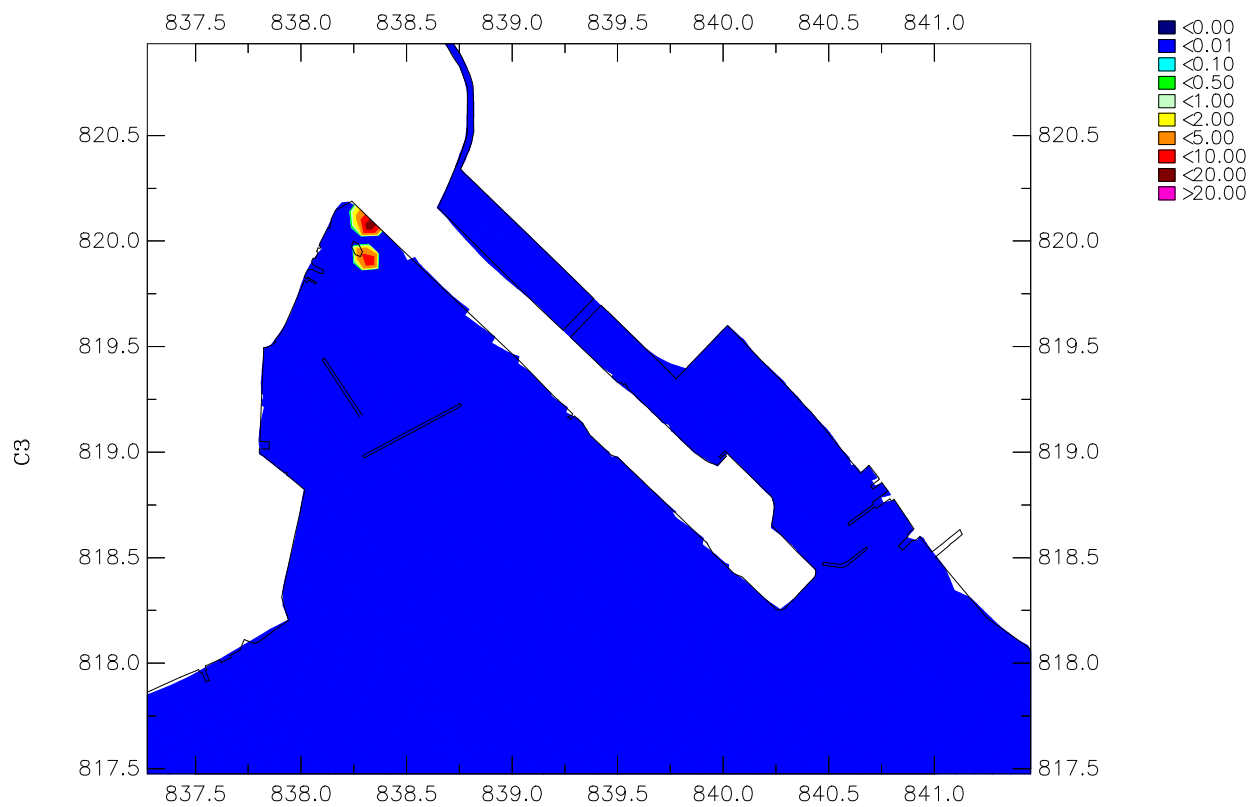
ARUP



SS Elevation (mg/L) – Spring Ebb Tide (2005/10/12 09:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

Wet Season
Unmitigated
Drawing: C3–W–SET–U

ARUP



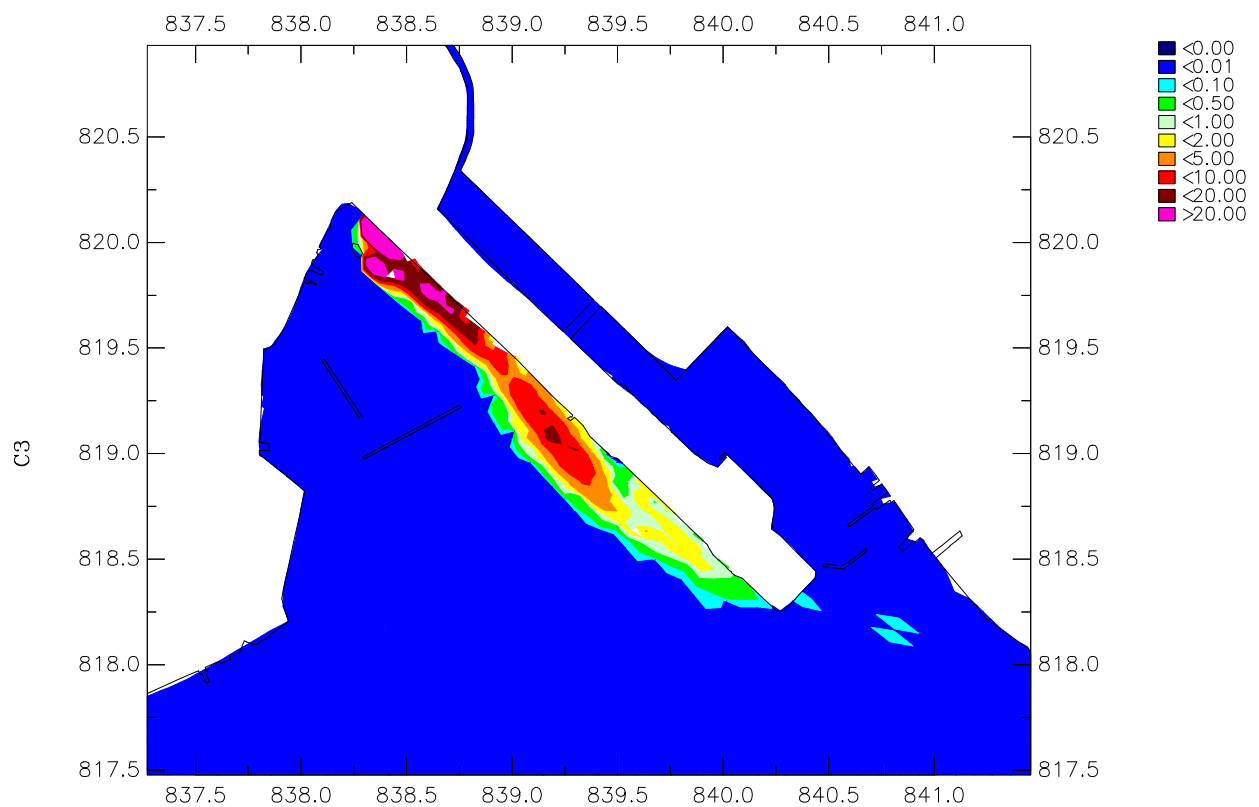
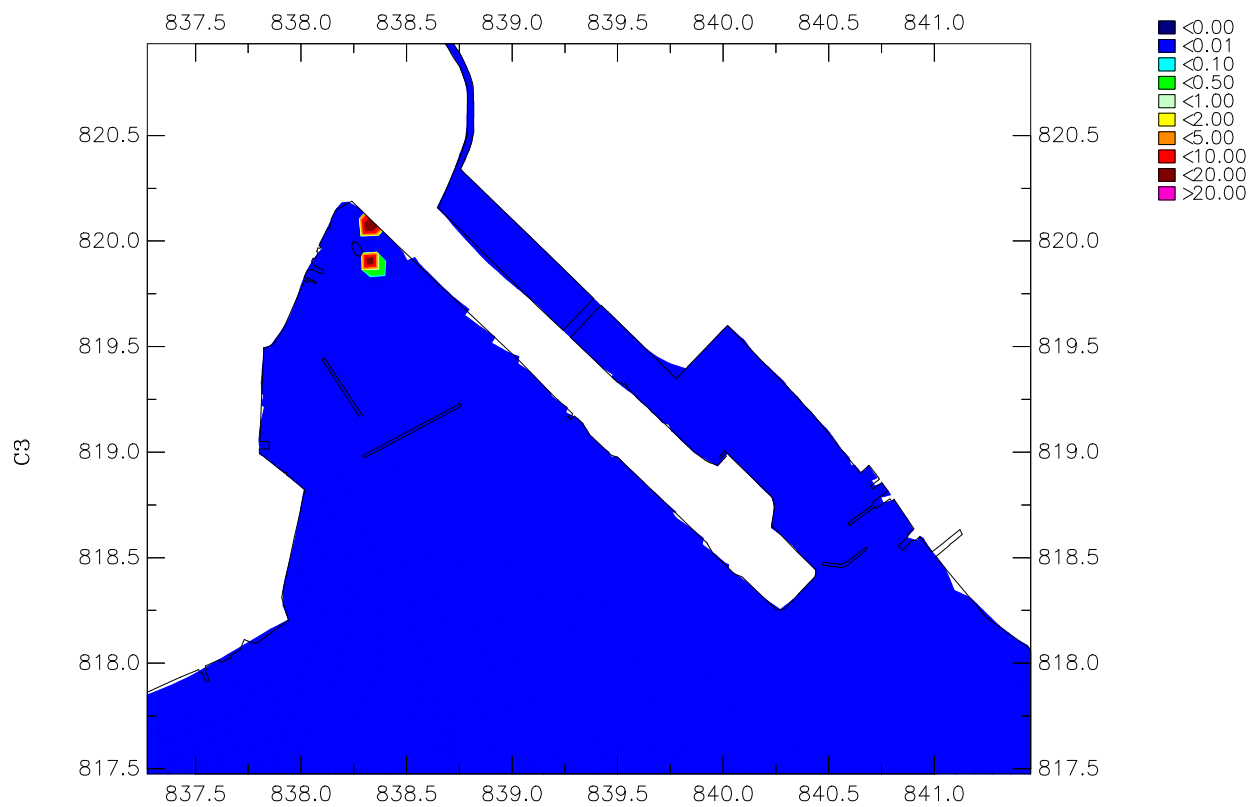
SS Elevation (mg/L) – Spring Flood Tide (2005/10/11 12:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

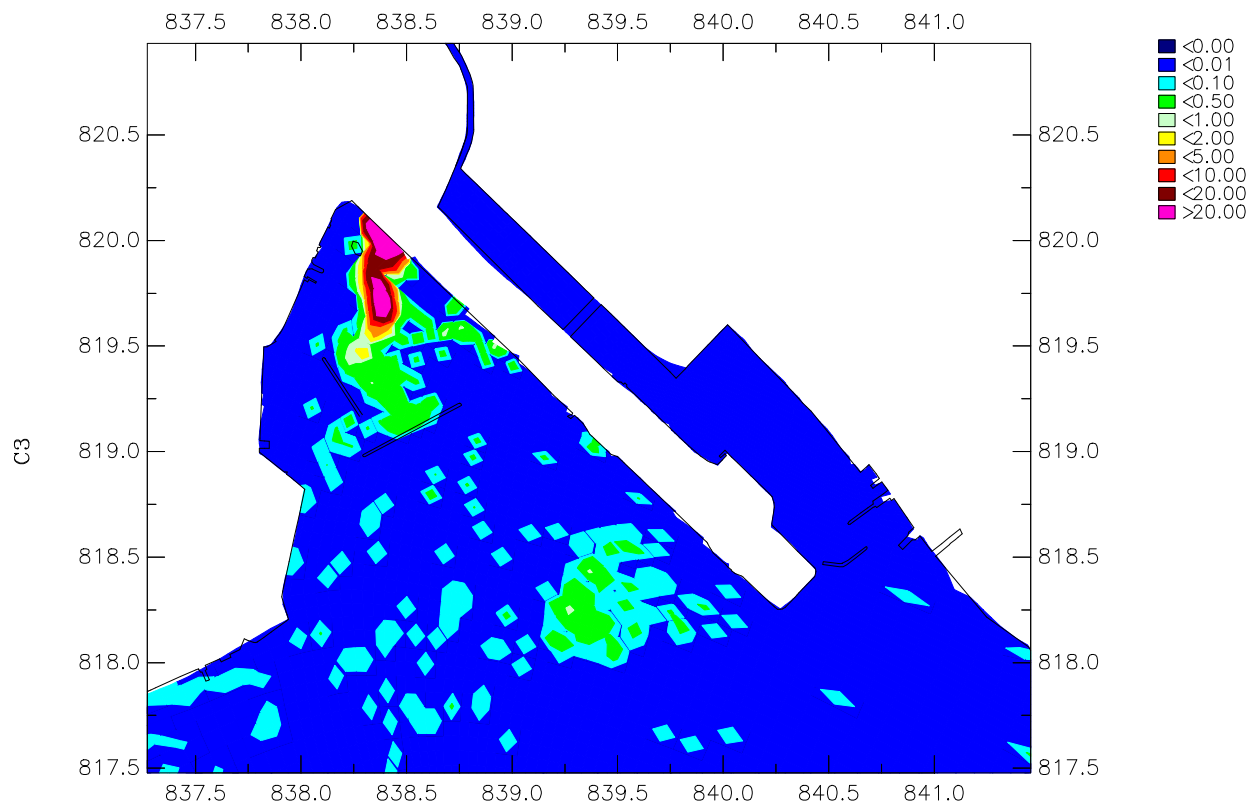
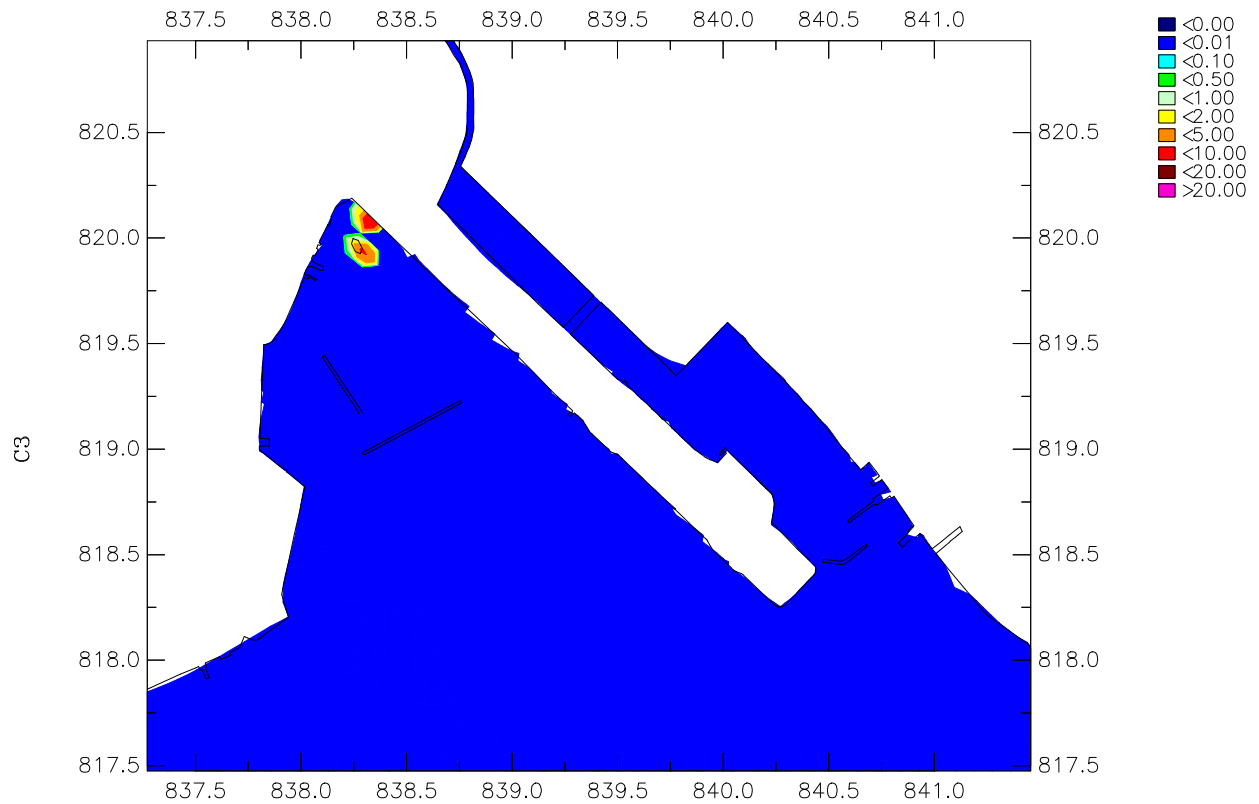
Wet Season

Unmitigated

Drawing: C3–W–SFT–U

ARUP





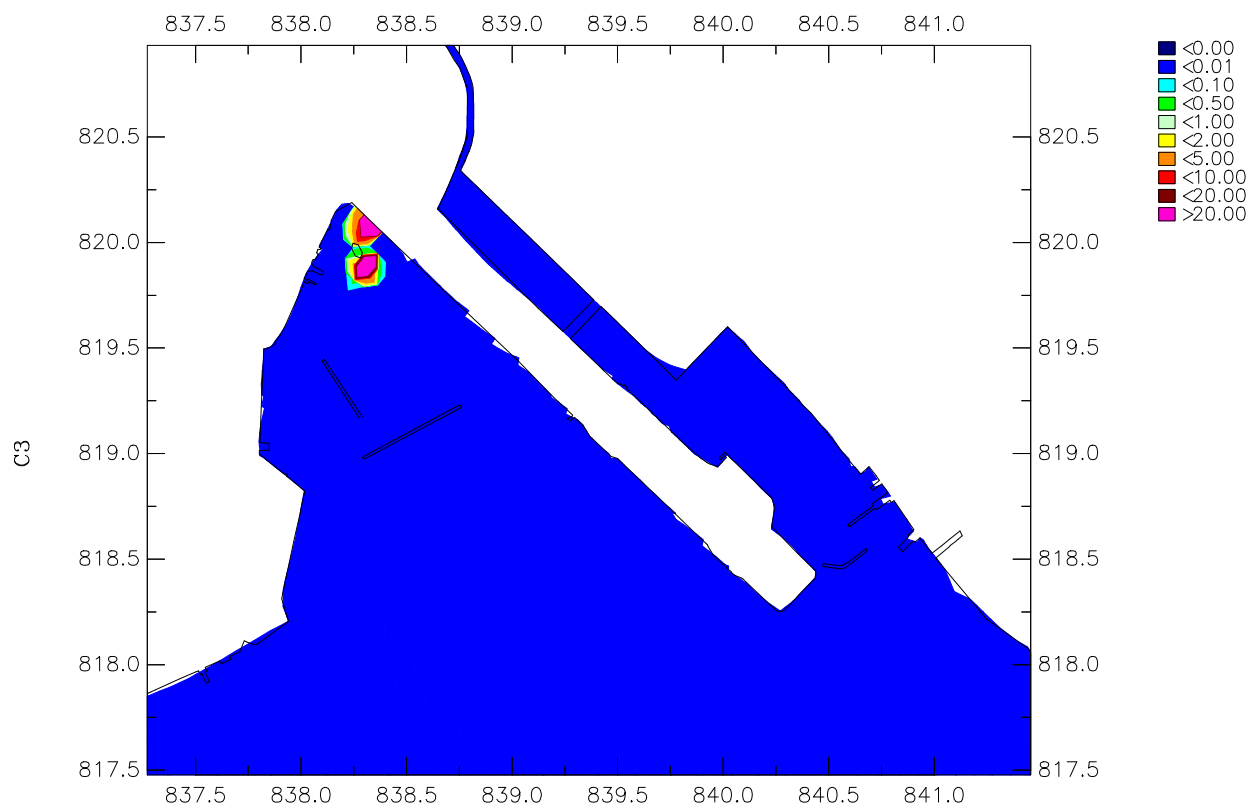
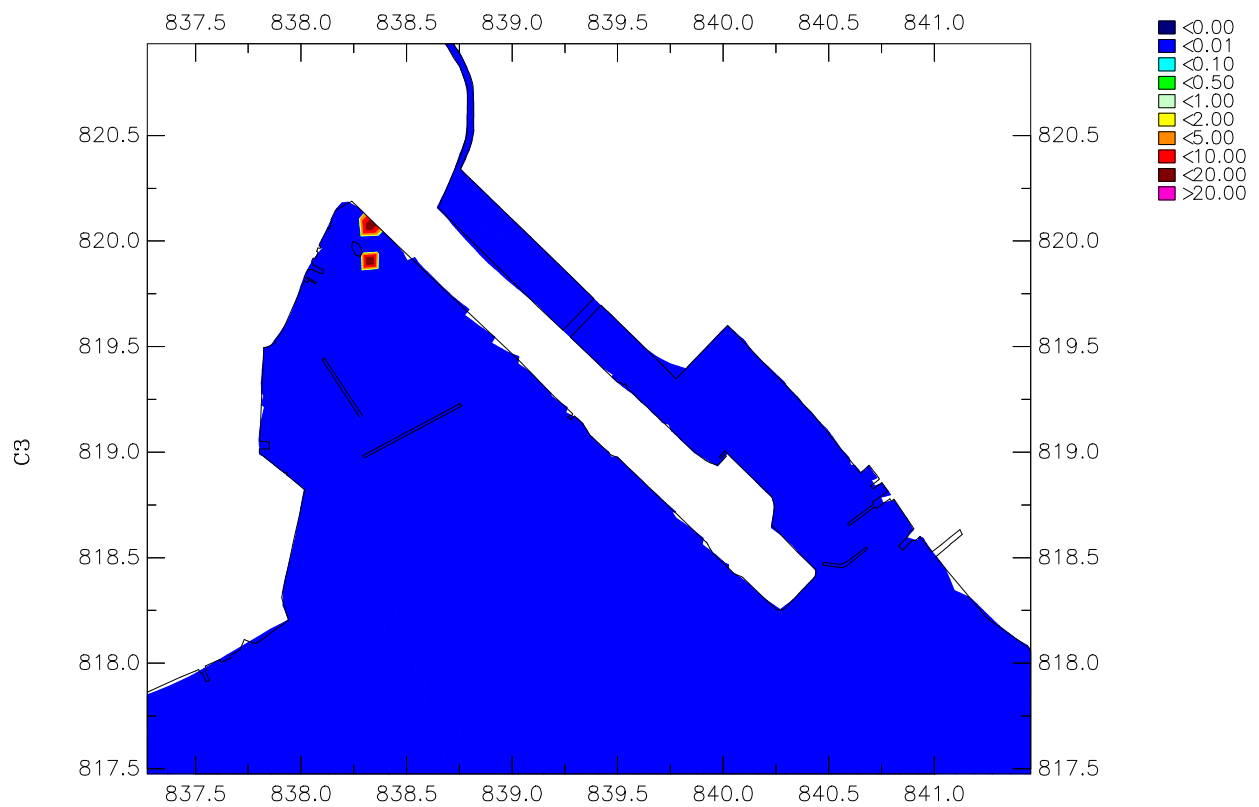
SS Elevation (mg/L) – Neap Flood Tide(2005/10/3 18:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

Wet Season

Unmitigated

Drawing: C3-W-NFT-U

ARUP



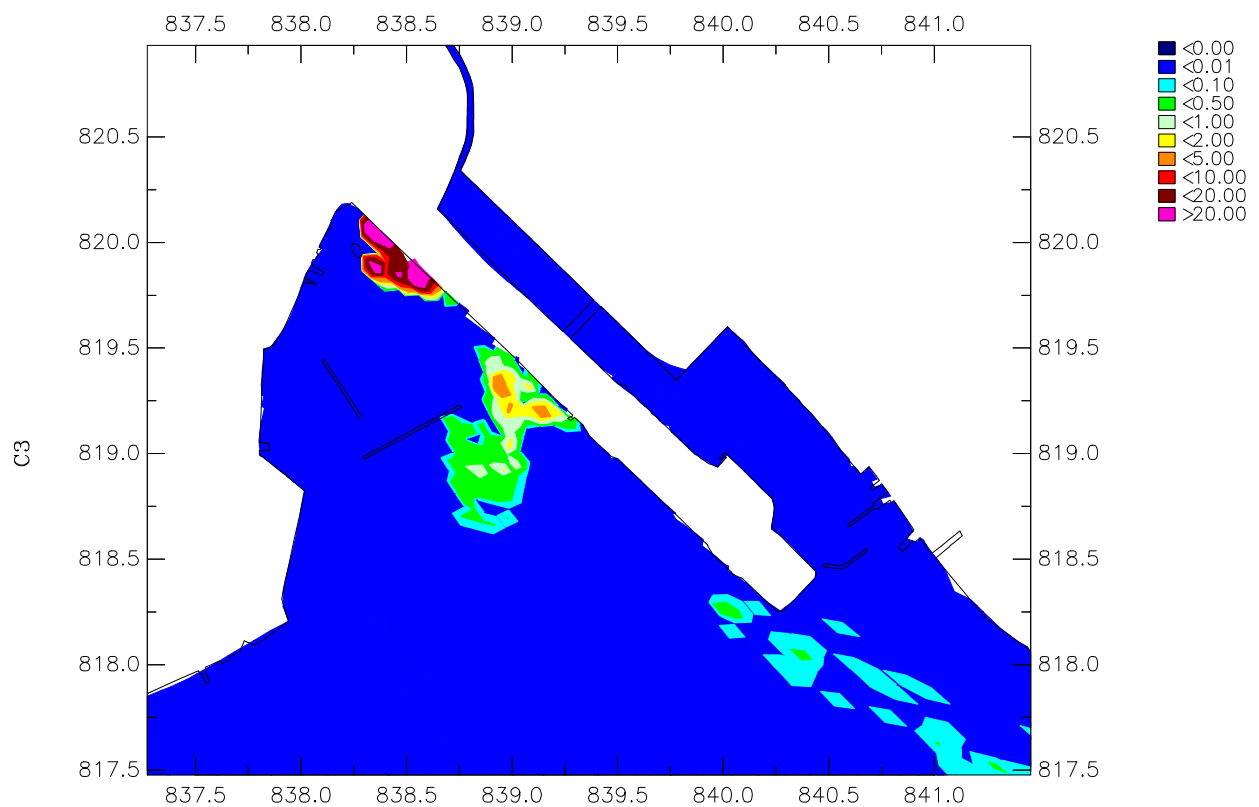
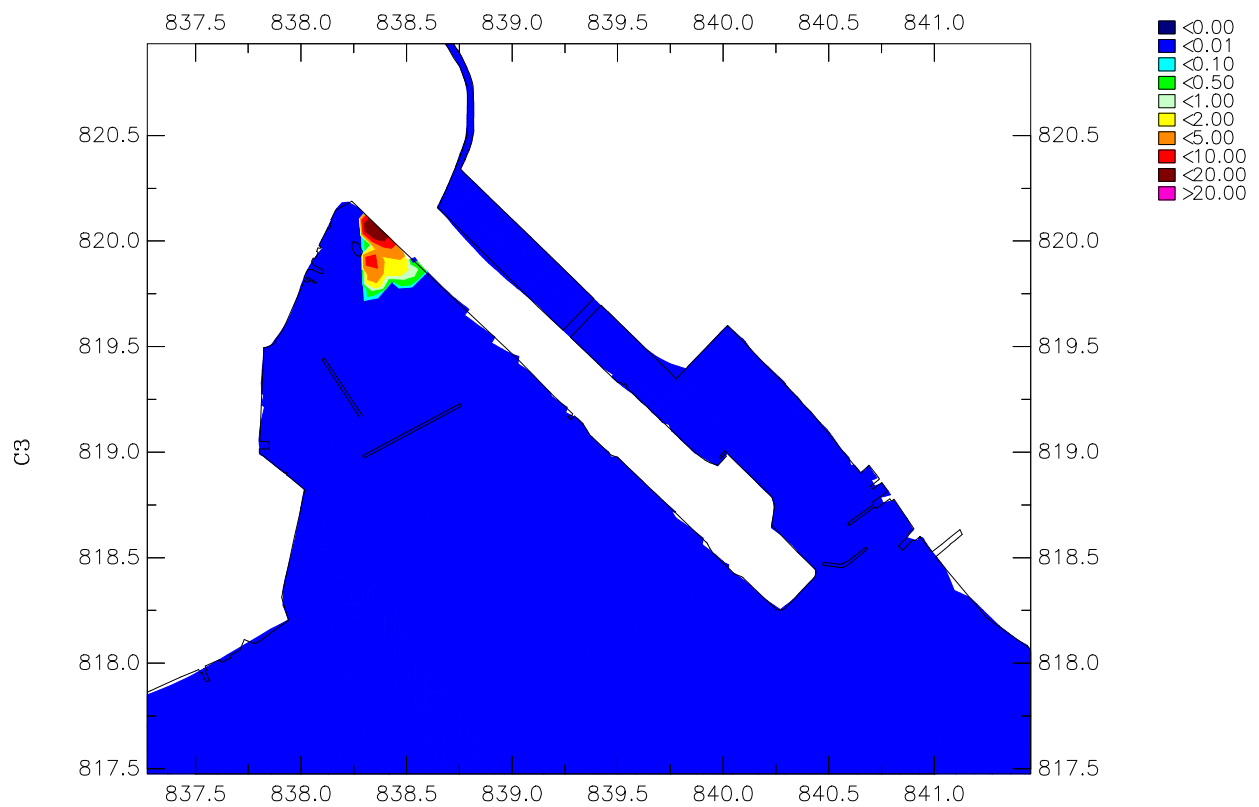
SS Elevation (mg/L) – Highest High Water (2005/10/13 08:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

Wet Season

Unmitigated

Drawing: C3–W–HHW–U

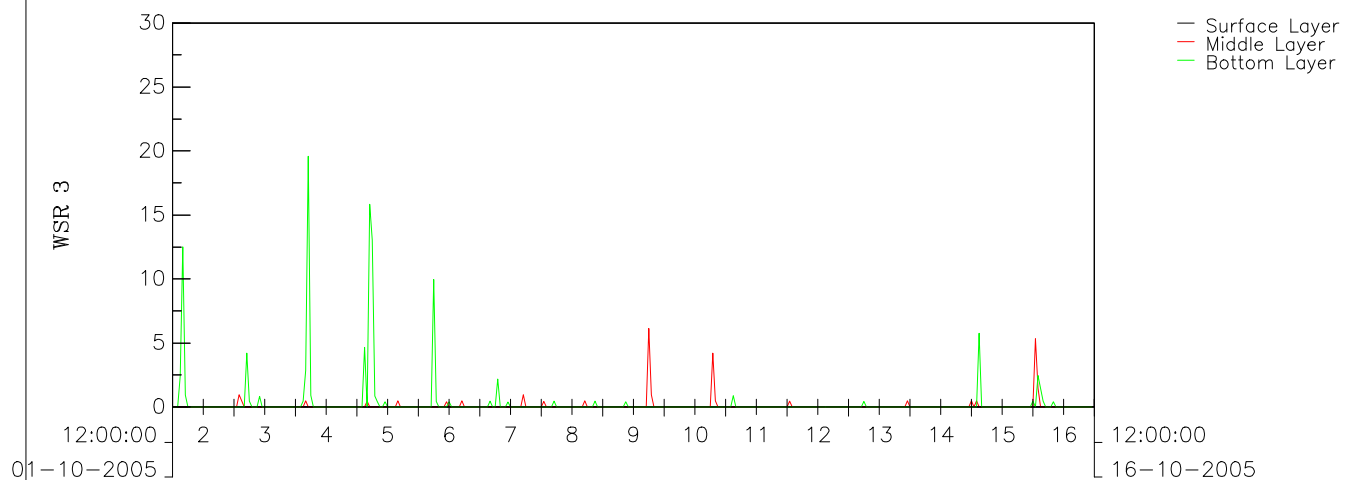
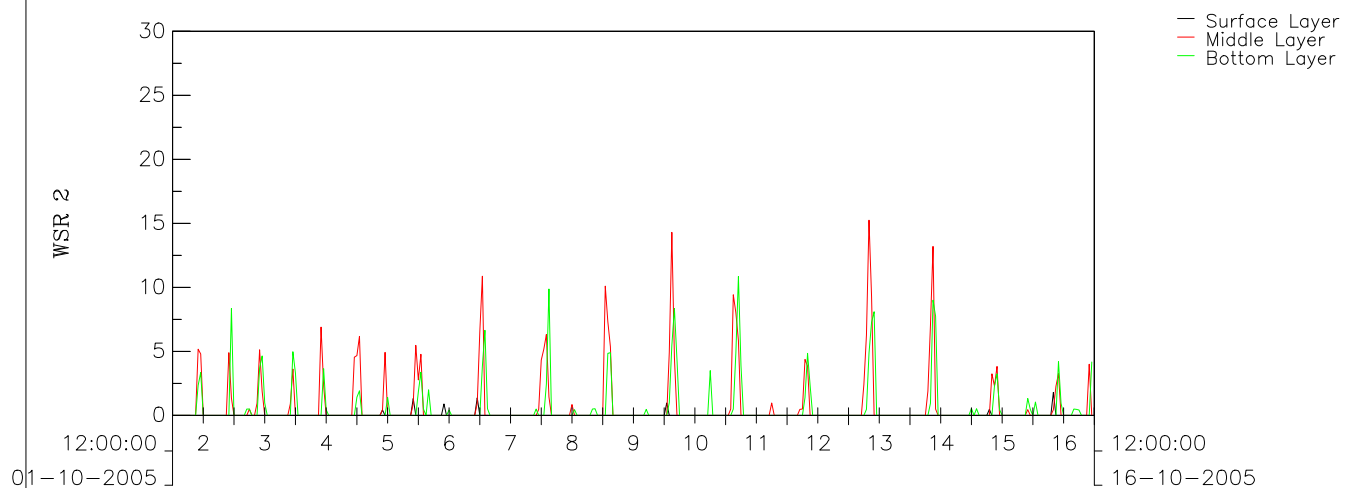
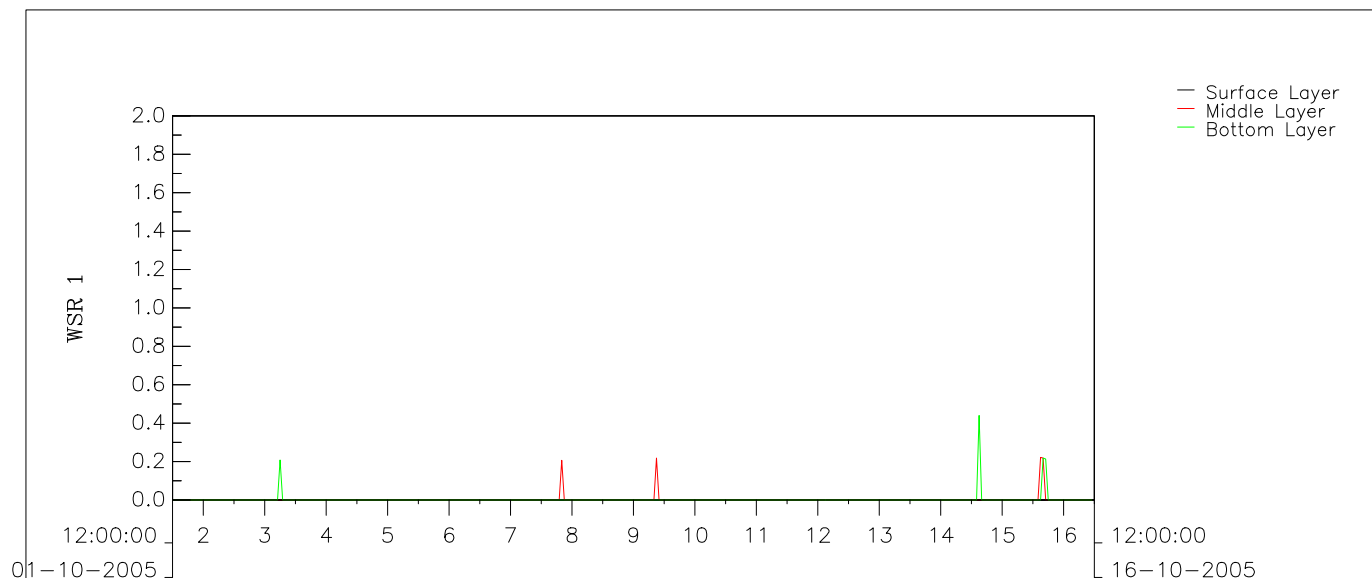
ARUP



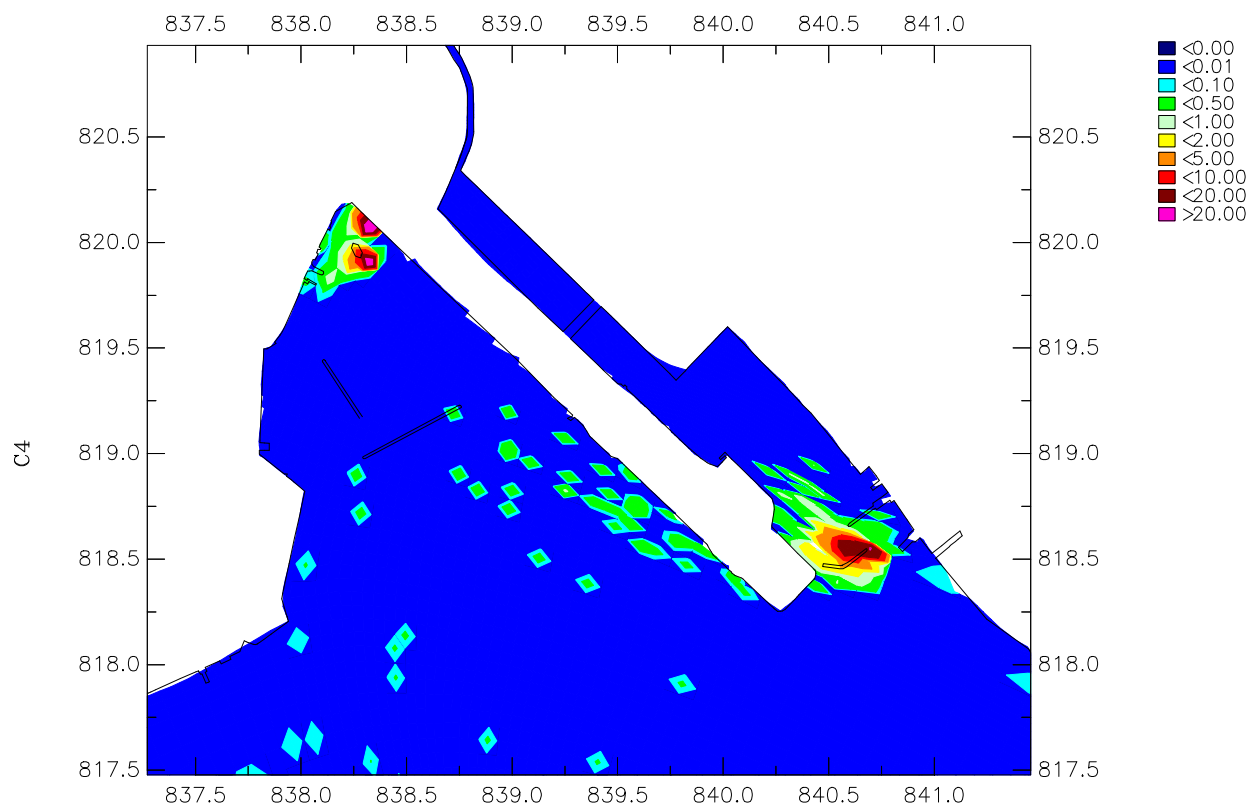
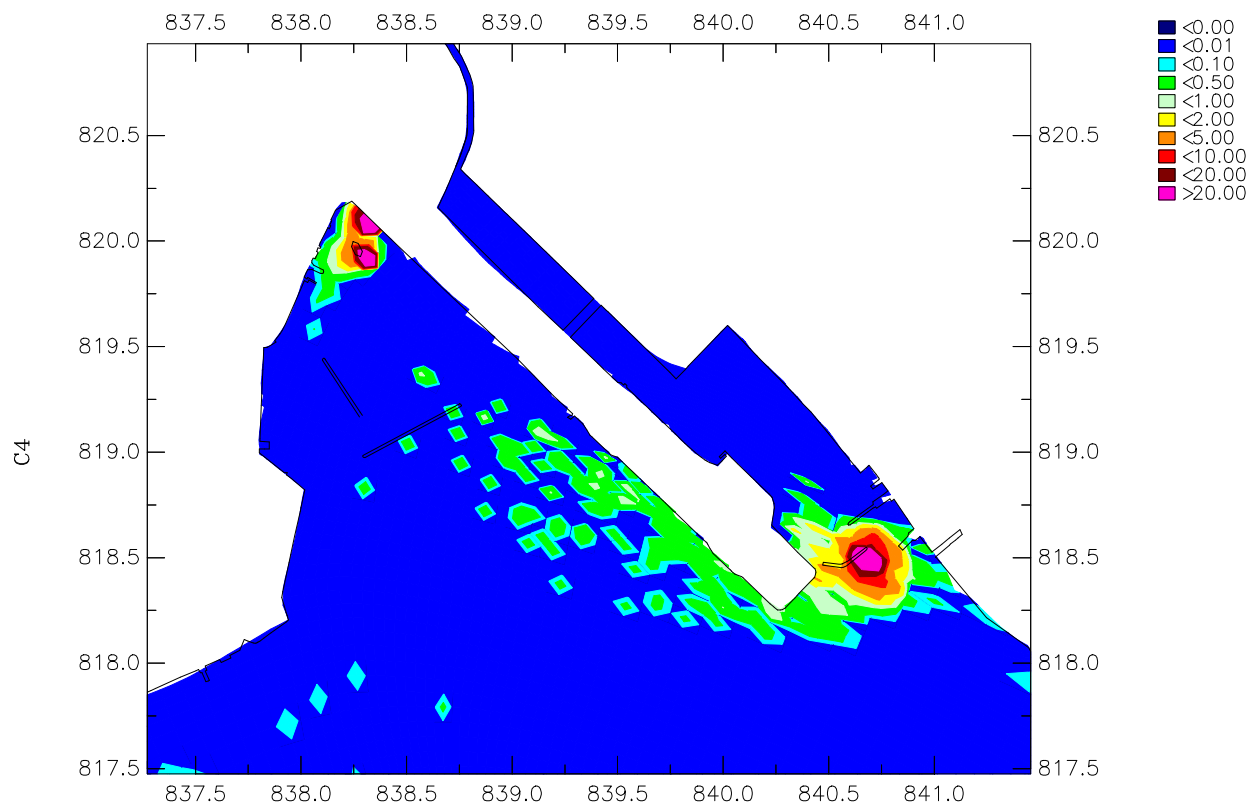
SS Elevation (mg/L) – Lowest Low Water (2005/10/14 12:00)
Scenario C3
Upper: Surface layer; Lower: Bottom Layer

Wet Season
Unmitigated
Drawing: C3-W-LLW-U

ARUP



SS Elevation (mg/L) – Time Series Plot Scenario C3	Wet Season	Unmitigated
	Drawing: C3-W-SST-U	
ARUP		



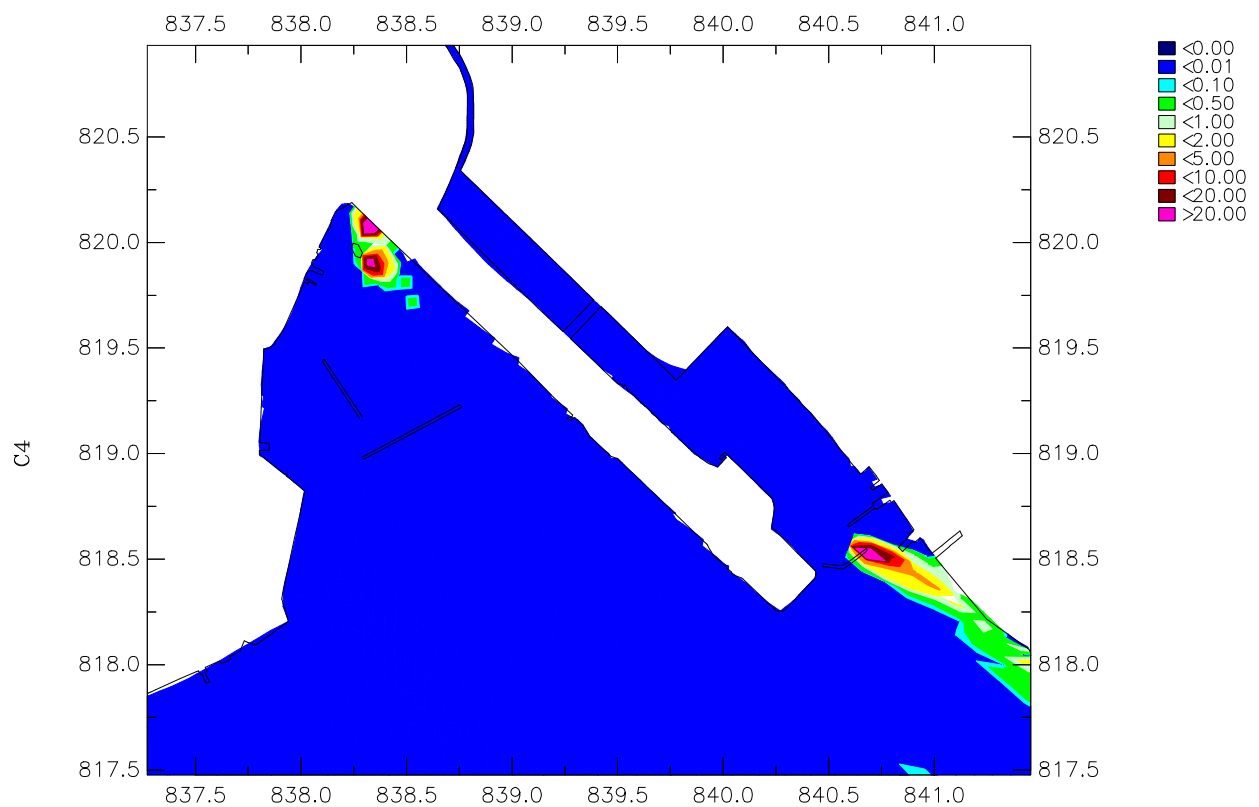
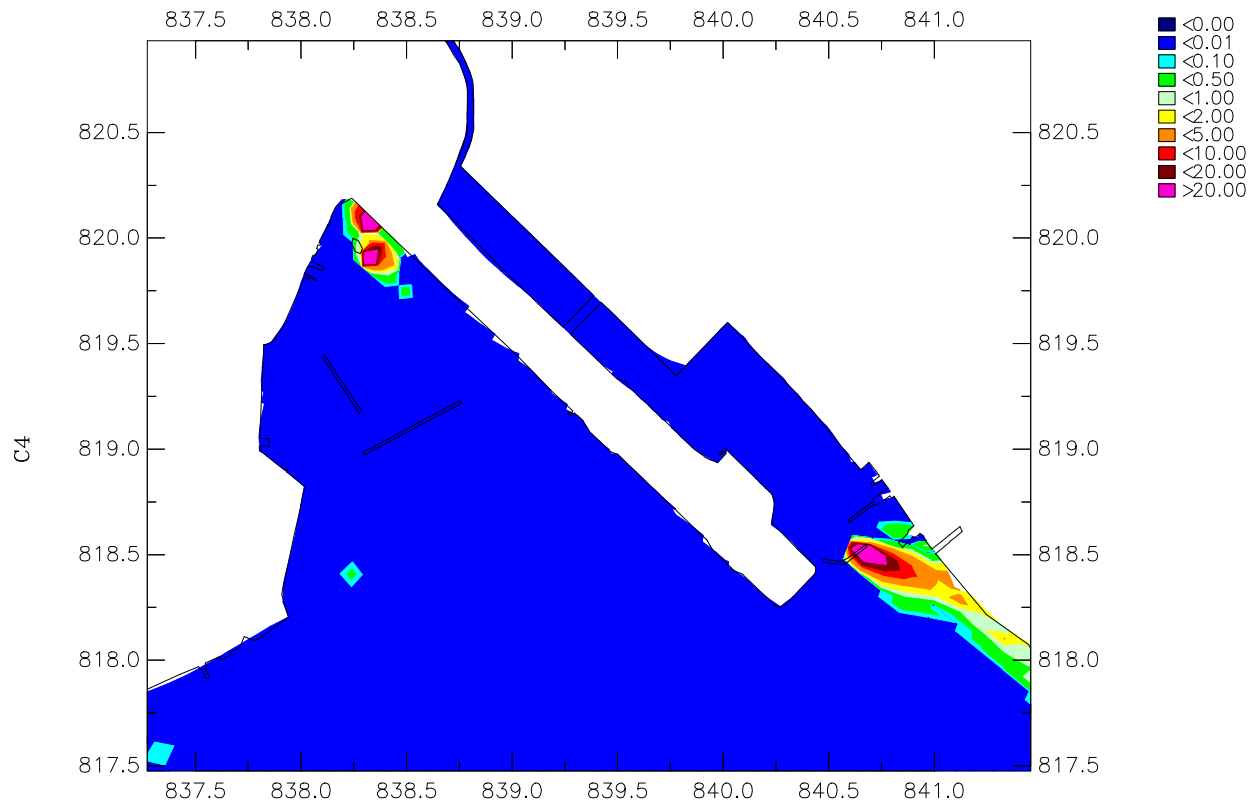
SS Elevation (mg/L) – Spring Ebb Tide (2006/1/12 19:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C4-D-SET-U

ARUP



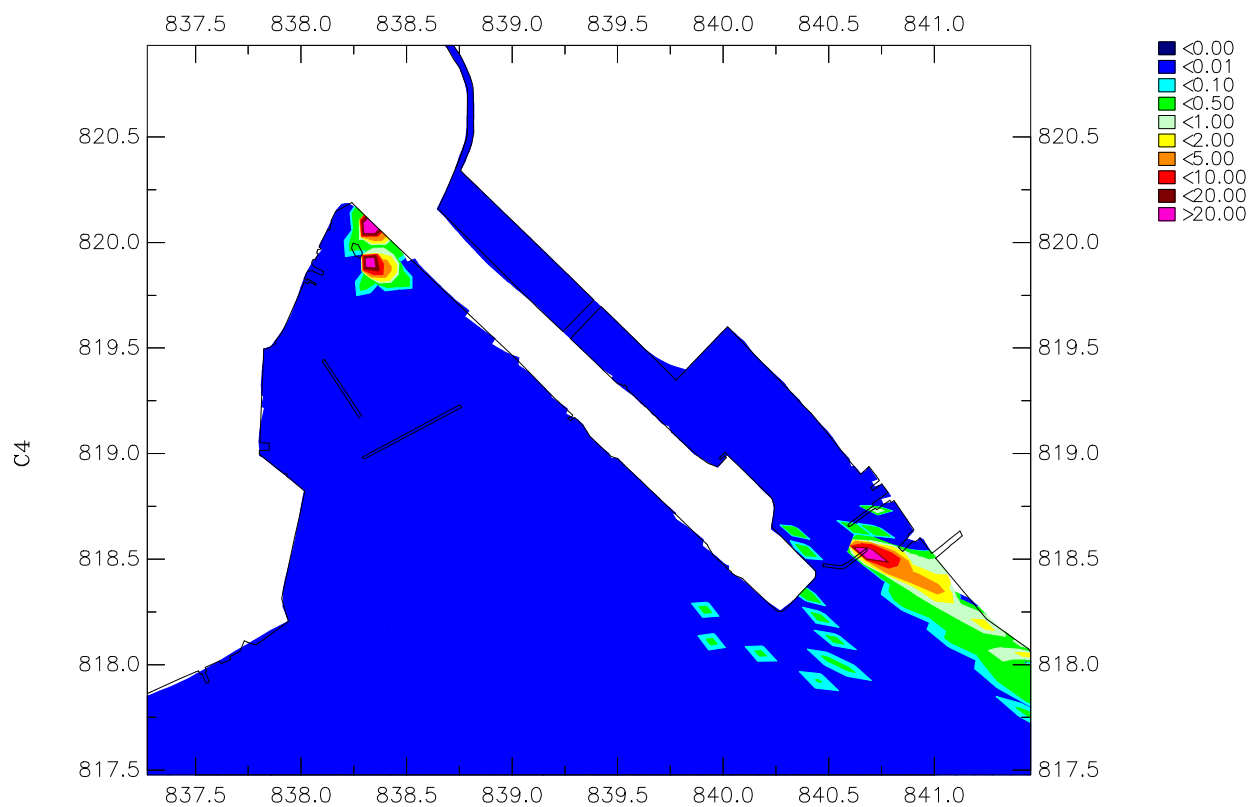
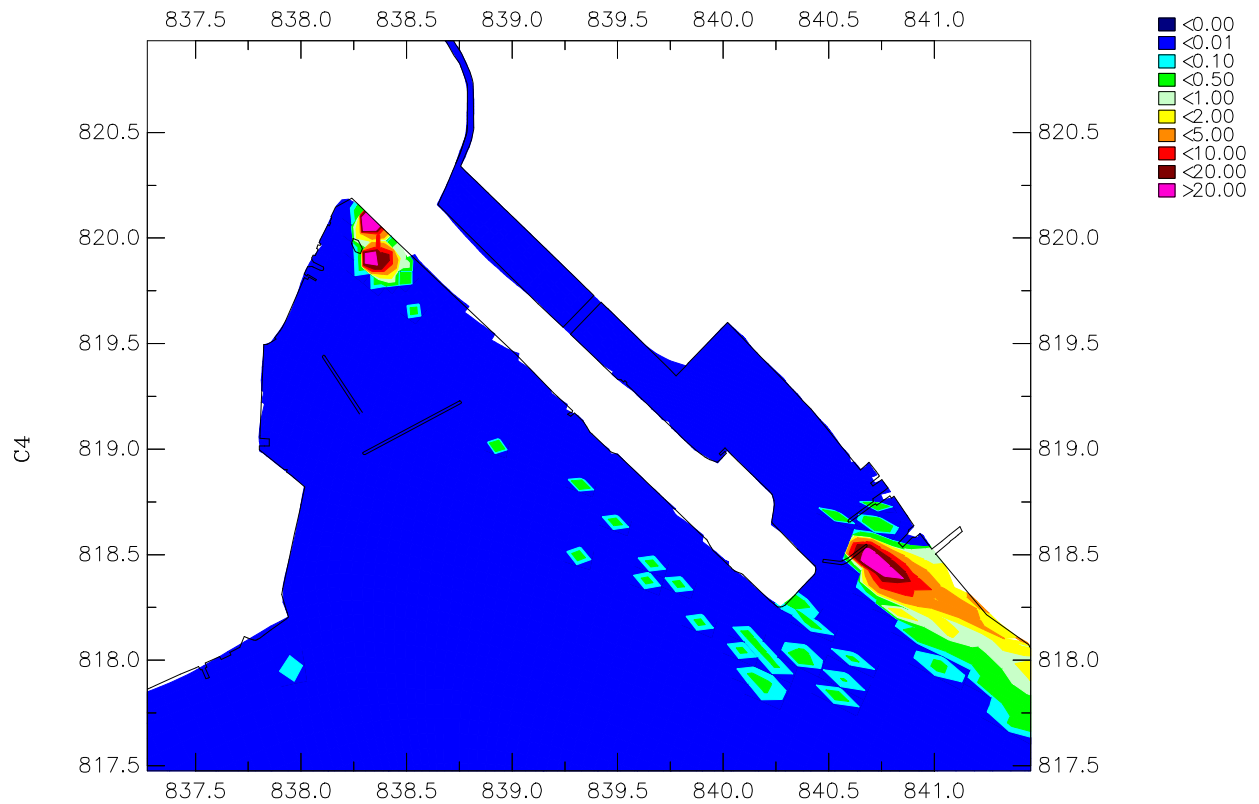
SS Elevation (mg/L) – Spring Flood Tide (2006/1/13 14:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C4–D–SFT–U

ARUP



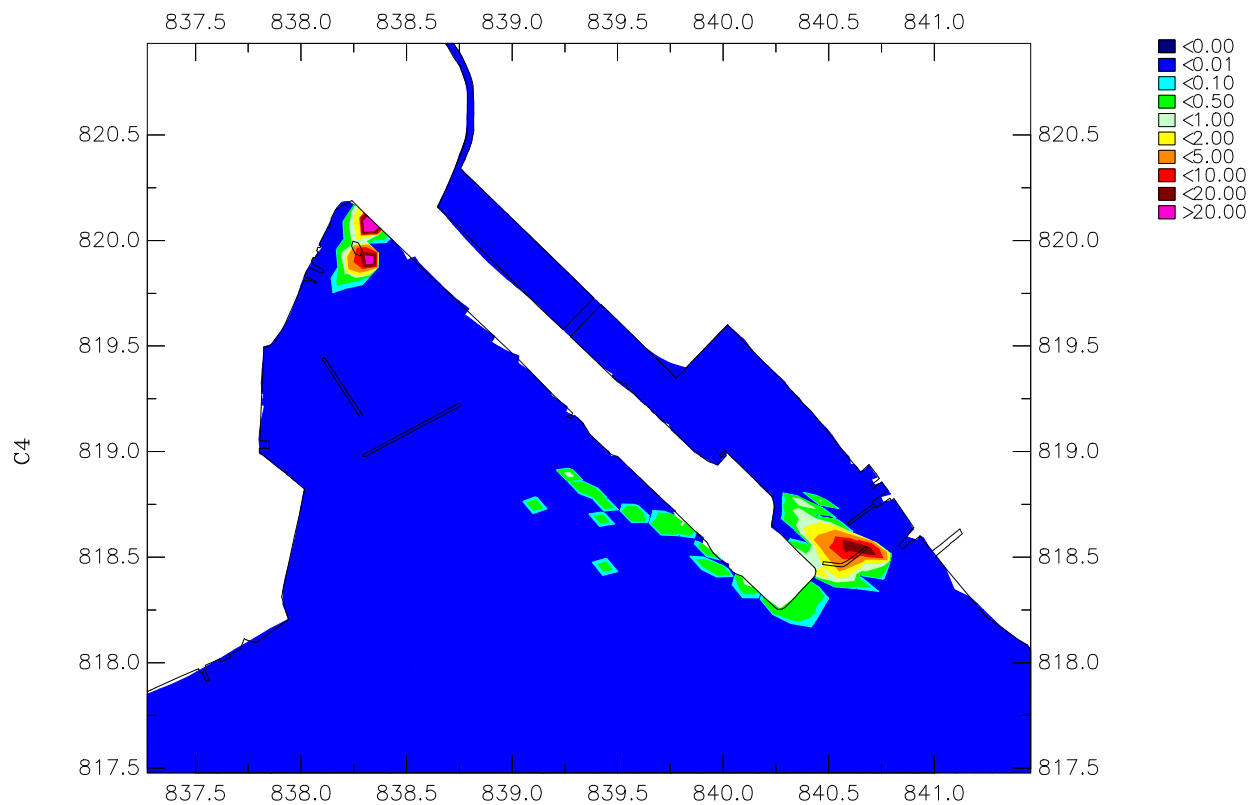
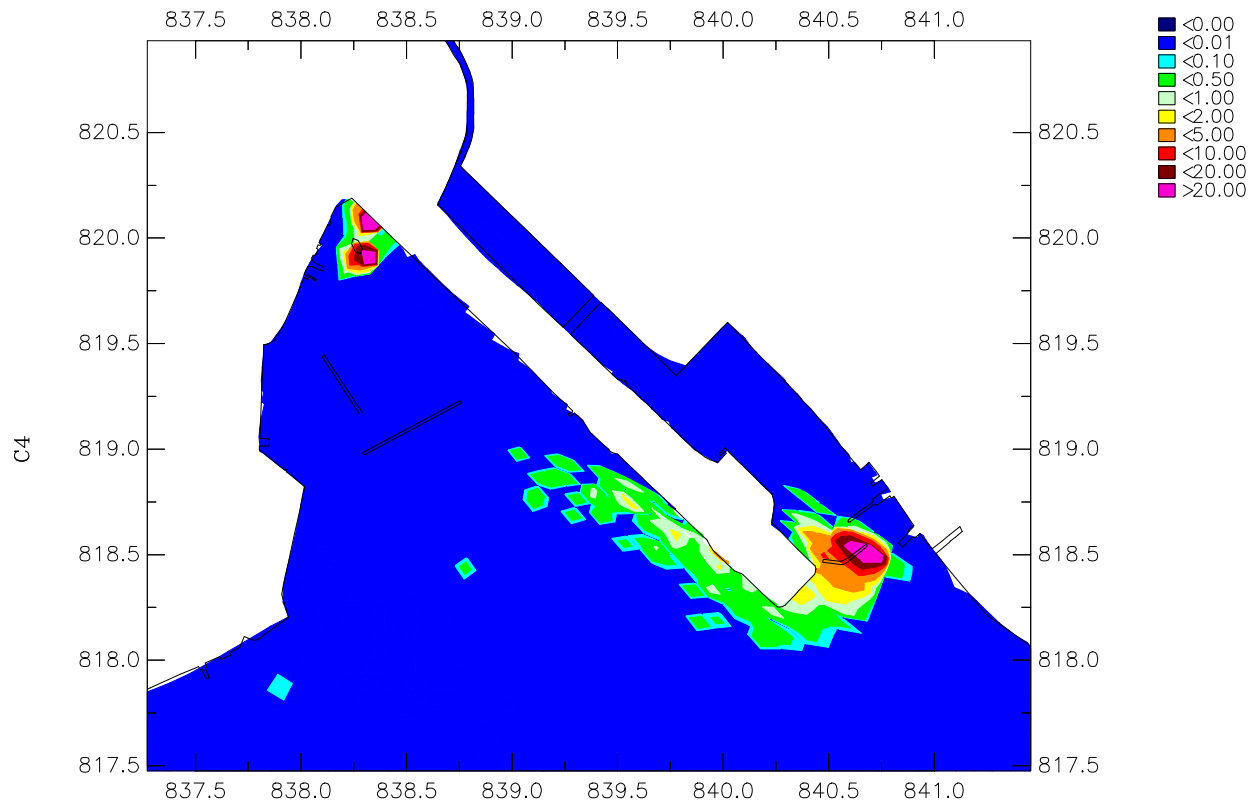
SS Elevation (mg/L) – Neap Ebb Tide (2006/1/22 18:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C4-D-NET-U

ARUP



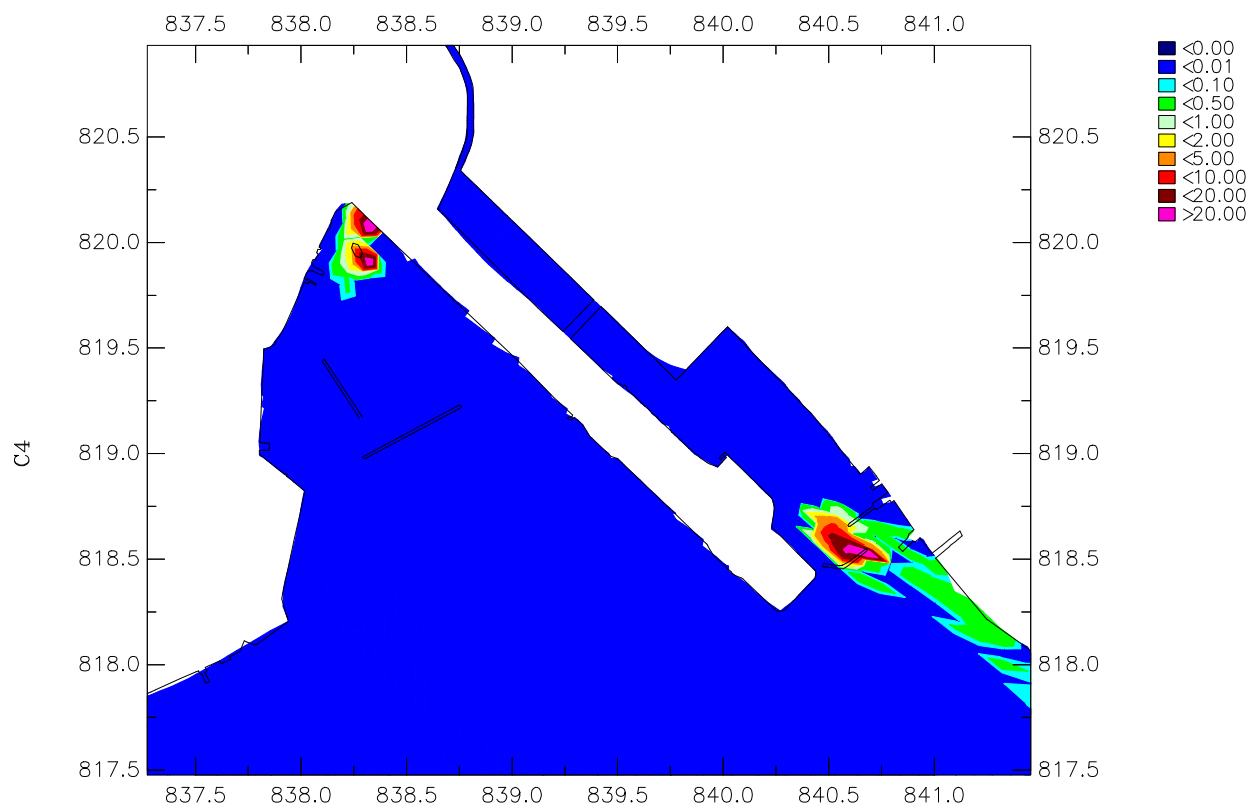
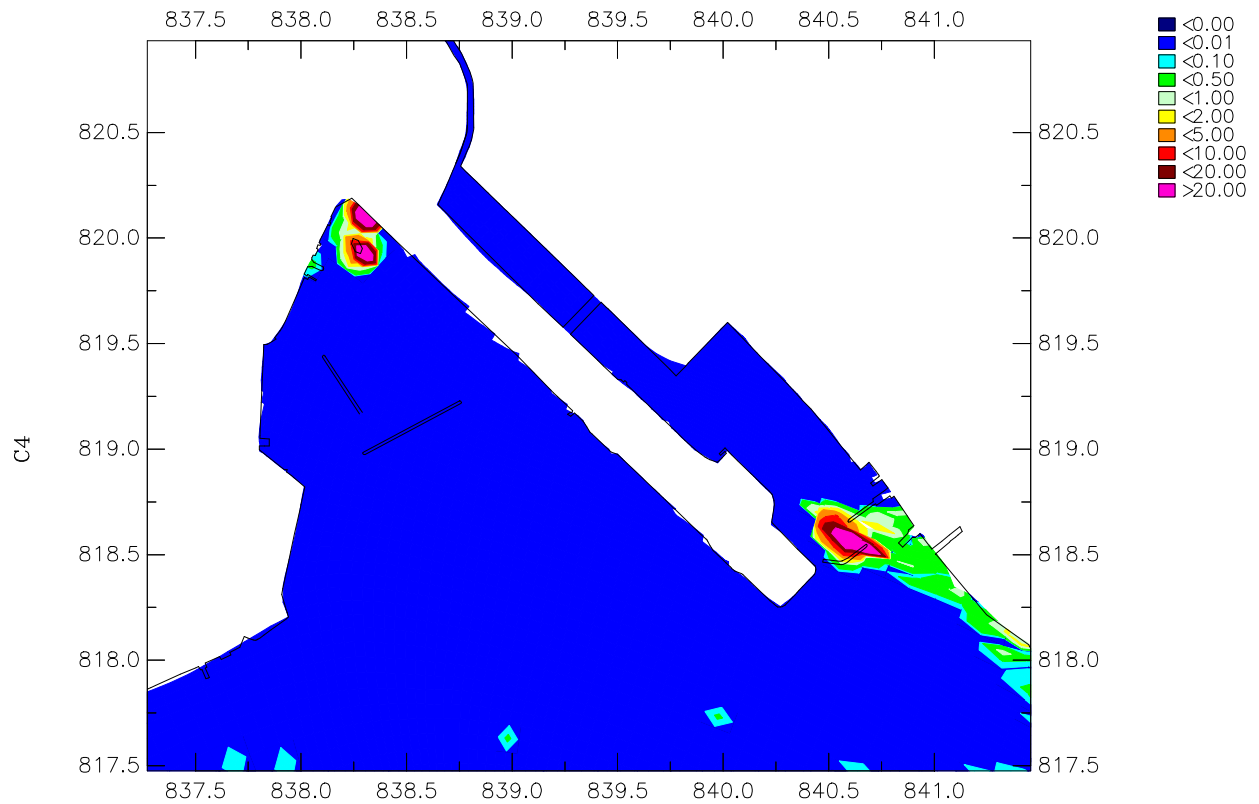
SS Elevation (mg/L) – Neap Flood Tide (2006/1/22 11:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C4–D–NFT–U

ARUP



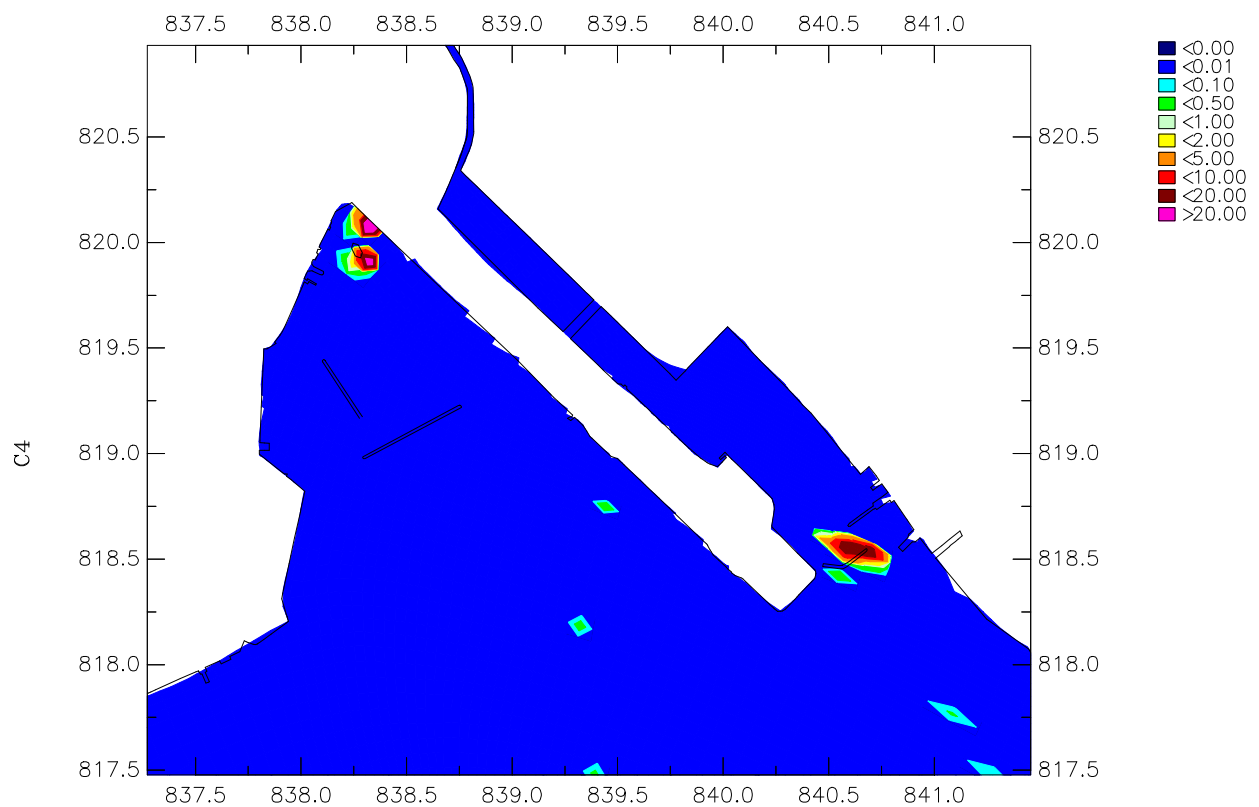
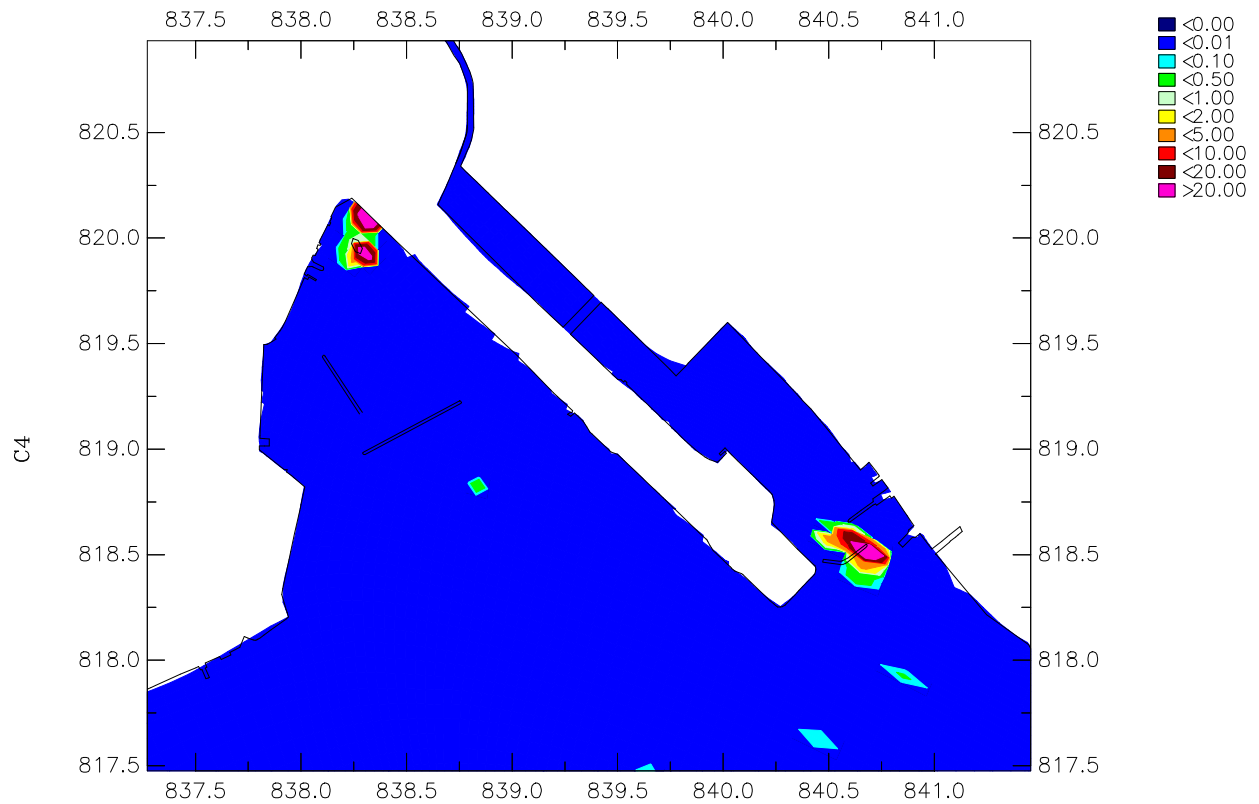
SS Elevation (mg/L) – Highest High Water (2006/1/15 18:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C4–D–HHW–U

ARUP



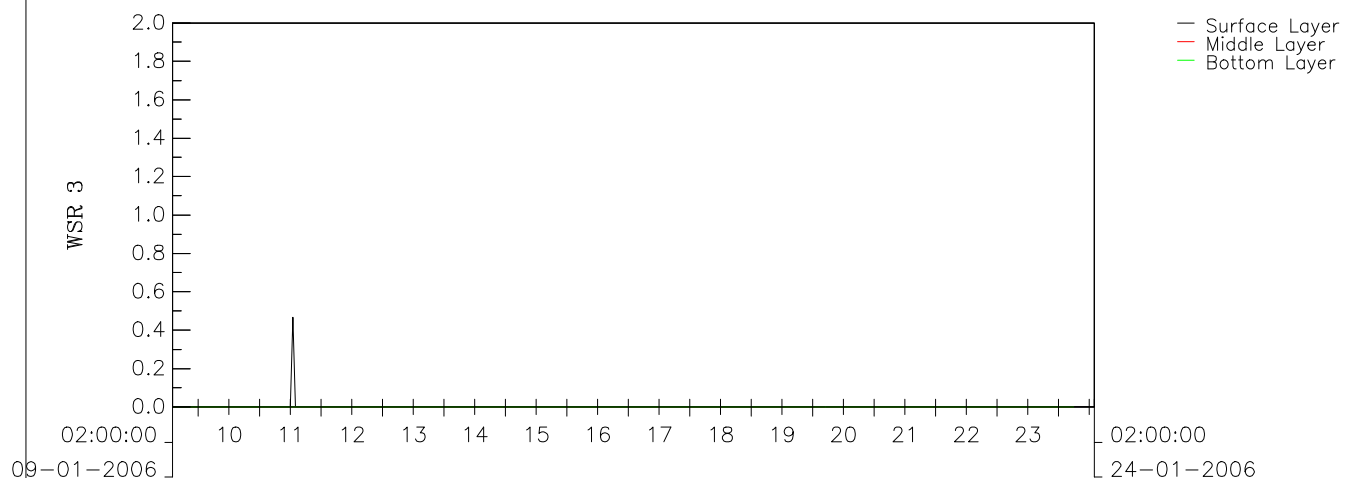
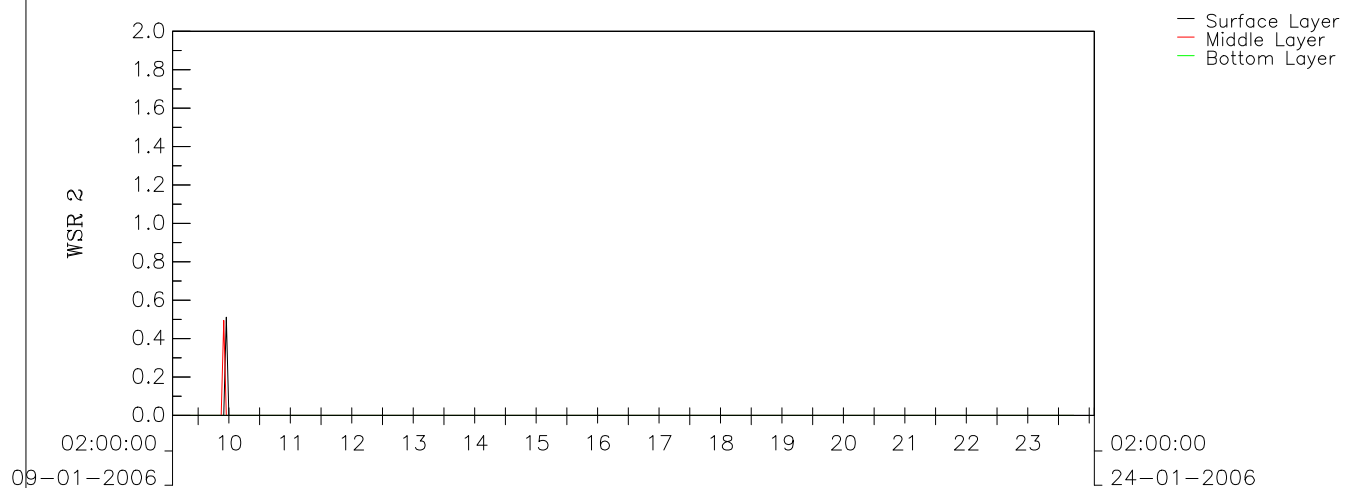
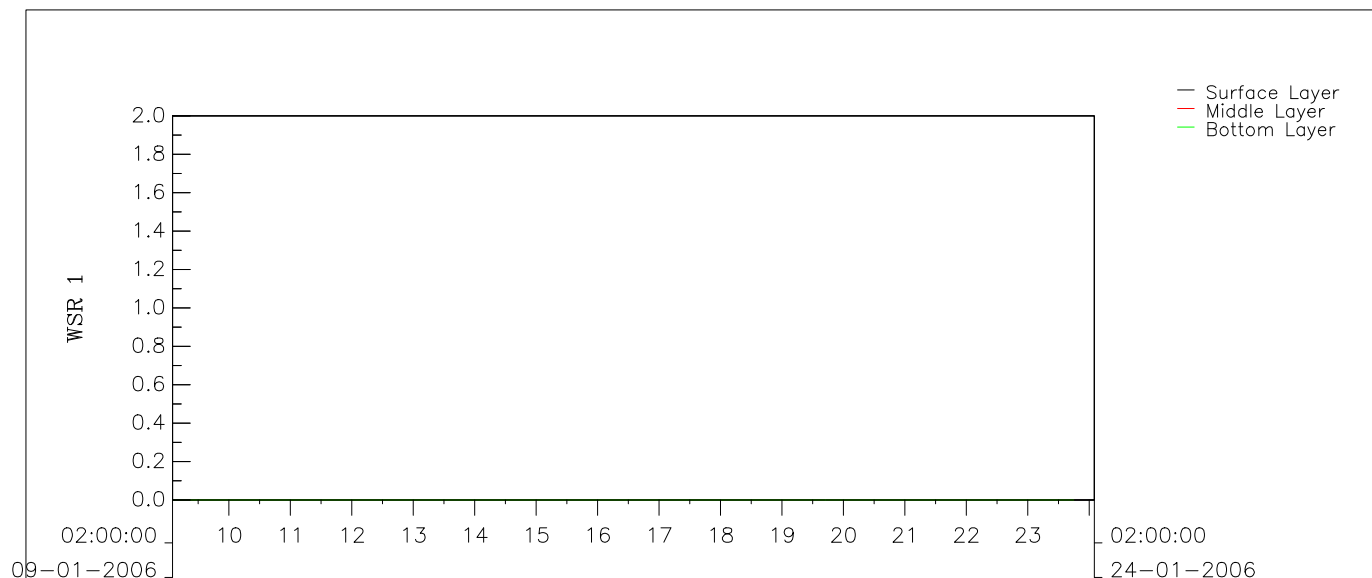
SS Elevation (mg/L) – Lowest Low Water (2006/1/16 08:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Dry Season

Unmitigated

Drawing: C4-D-LLW-U

ARUP



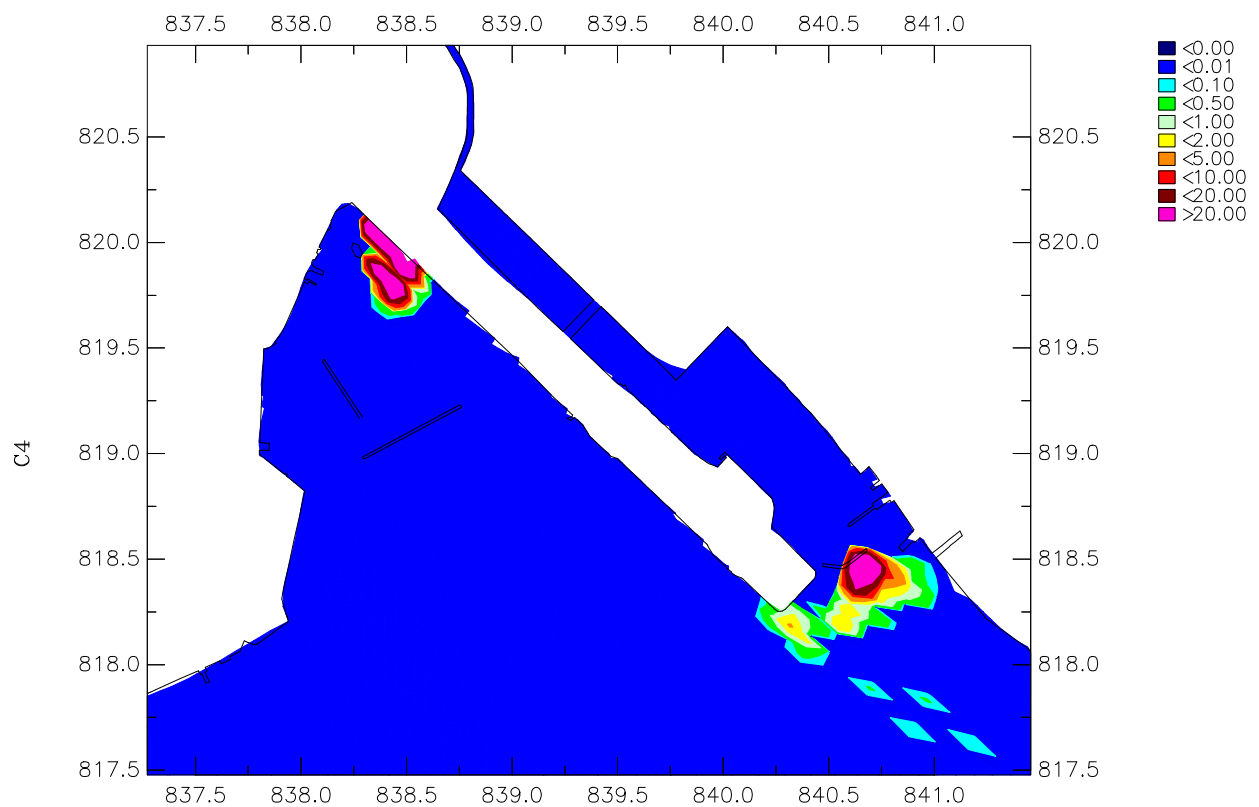
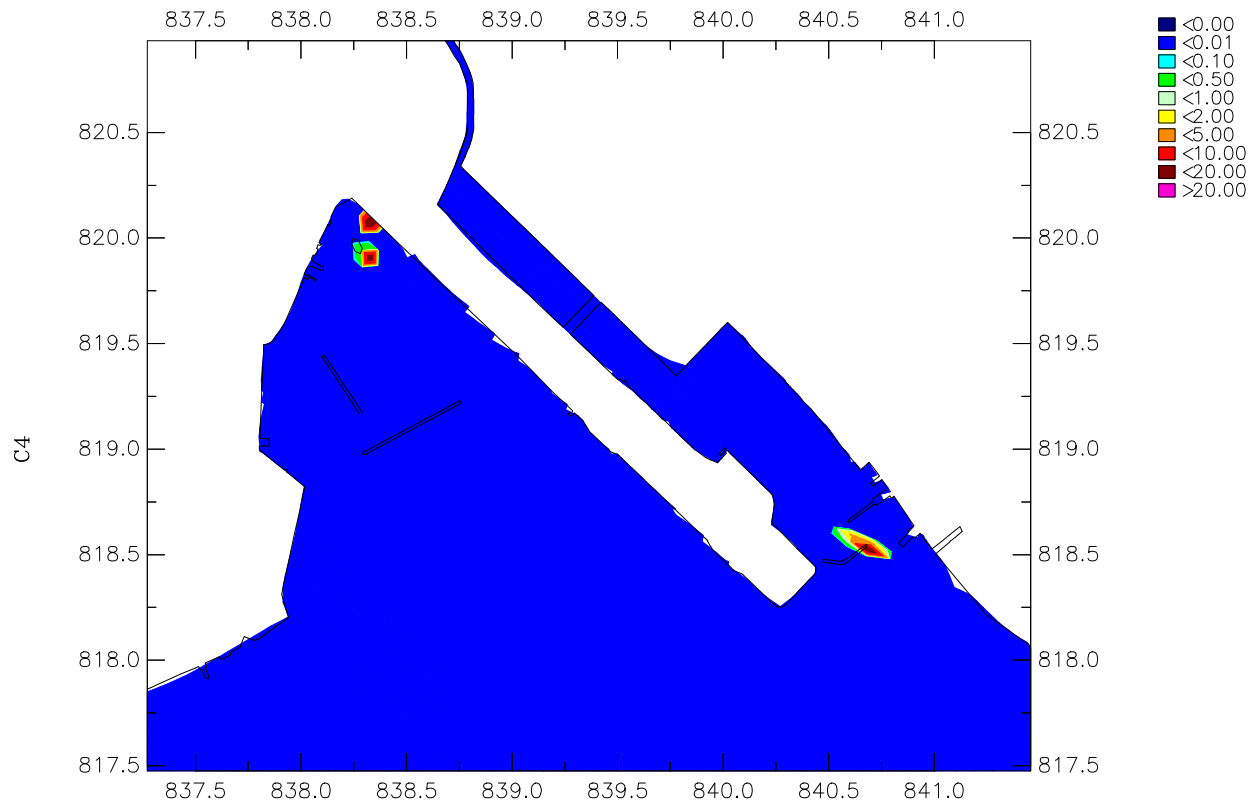
SS Elevation (mg/L) – Time Series Plot
Scenario C4

Dry Season

Unmitigated

Drawing: C4-D-SST-U

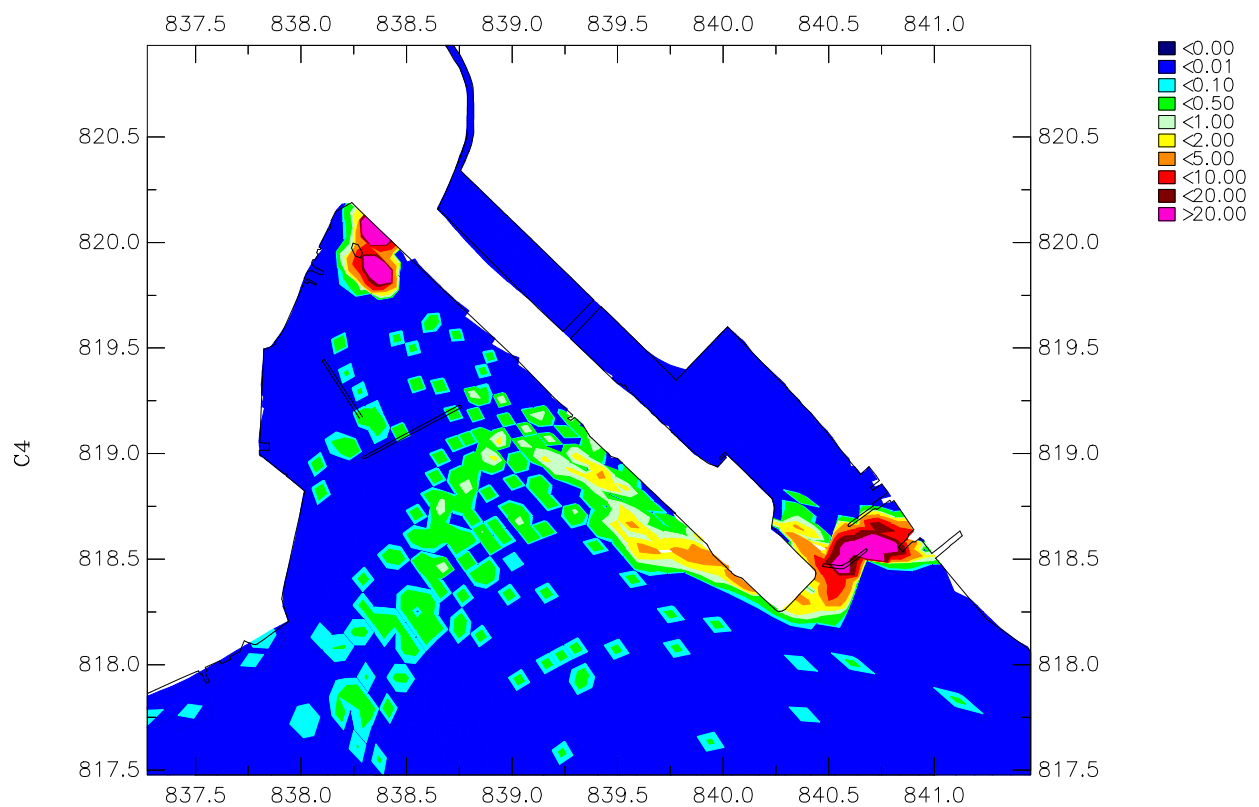
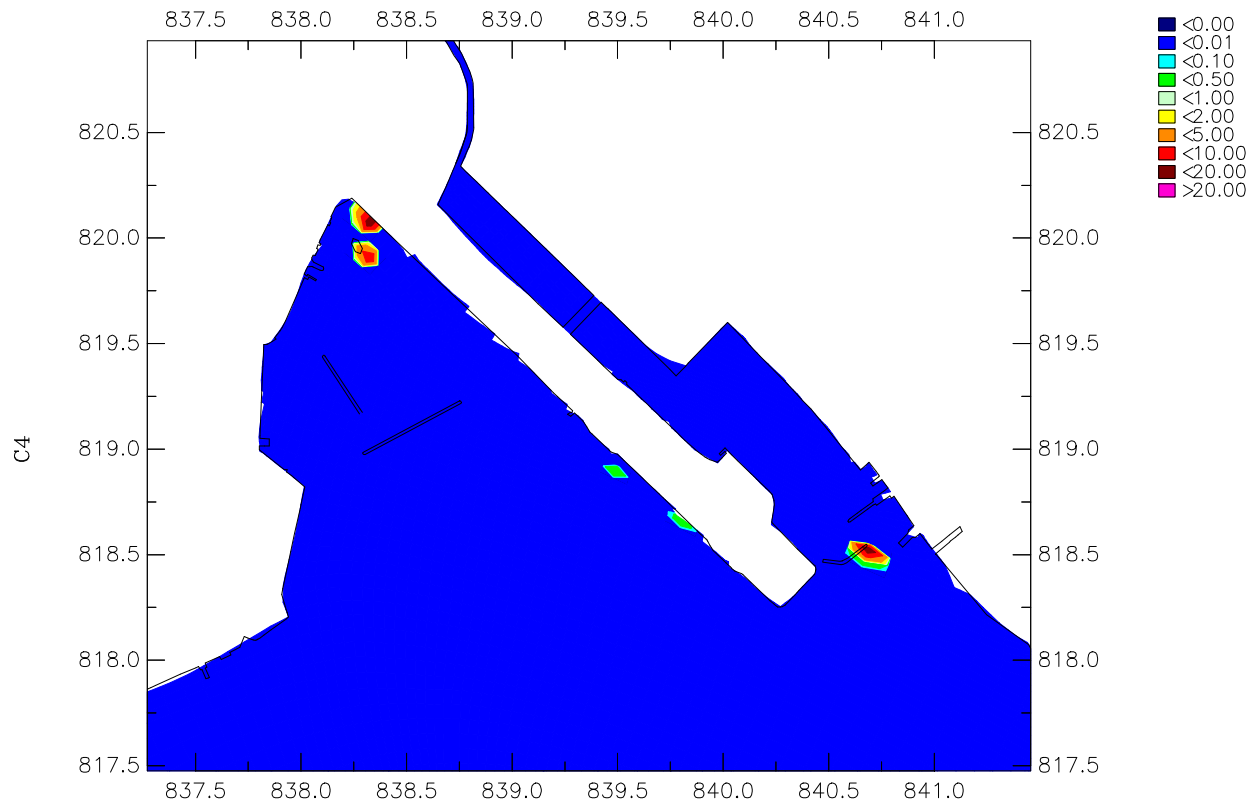
ARUP



SS Elevation (mg/L) – Spring Ebb Tide (2005/10/12 09:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Wet Season
Unmitigated
Drawing: C4-W-SET-U

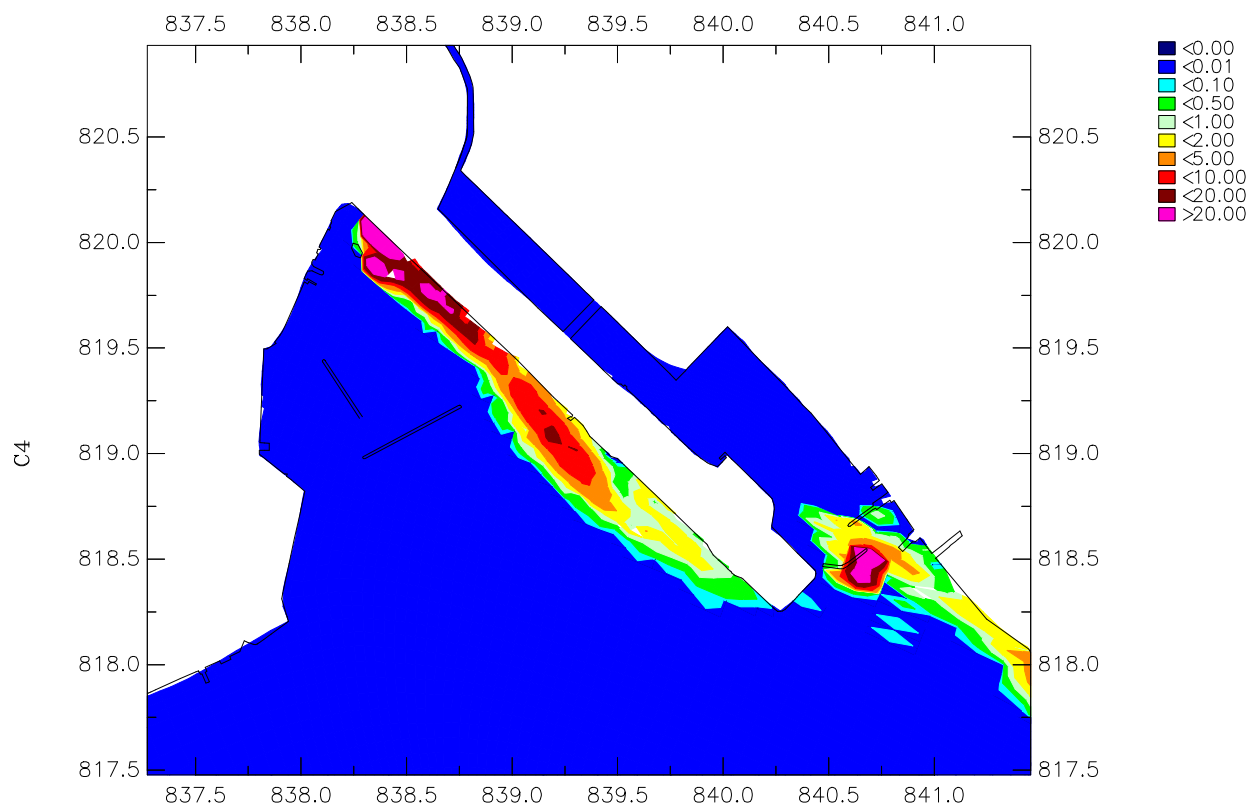
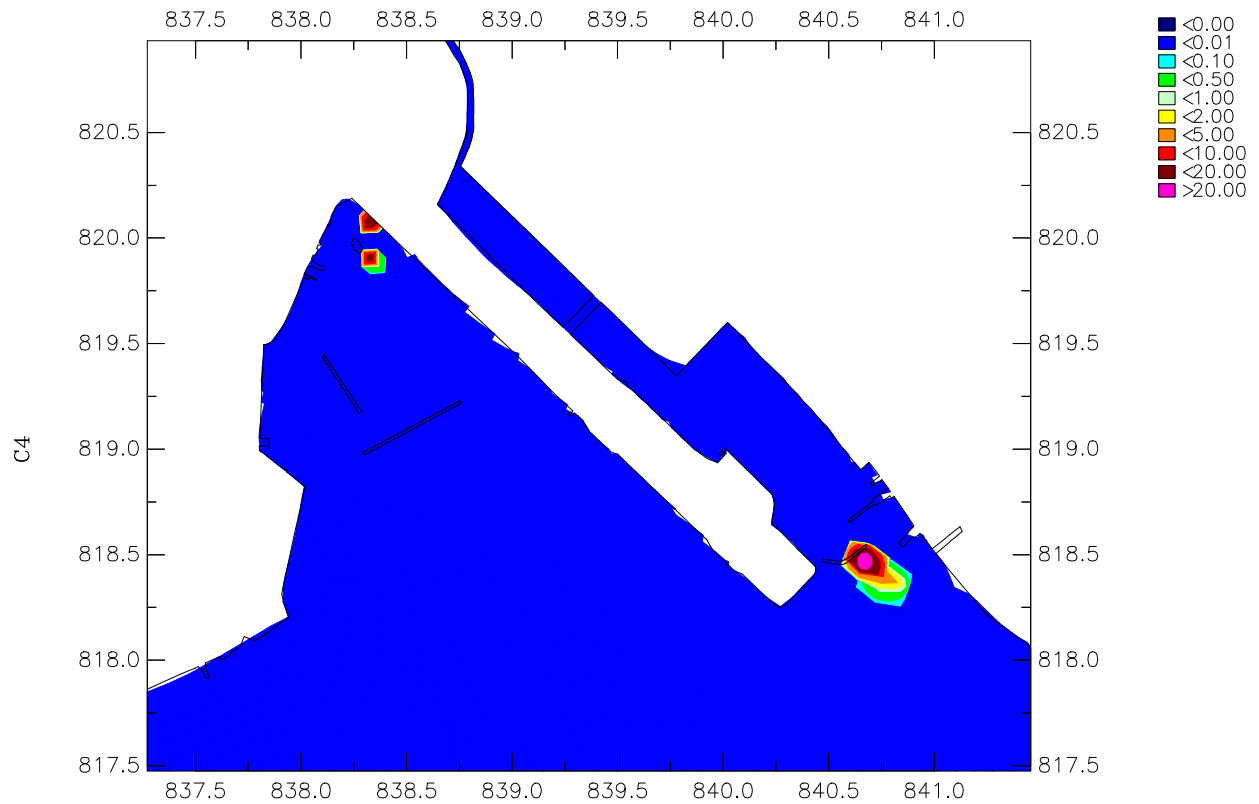
ARUP



SS Elevation (mg/L) – Spring Flood Tide (2005/10/11 12:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Wet Season
Unmitigated
Drawing: C4–W–SFT–U

ARUP



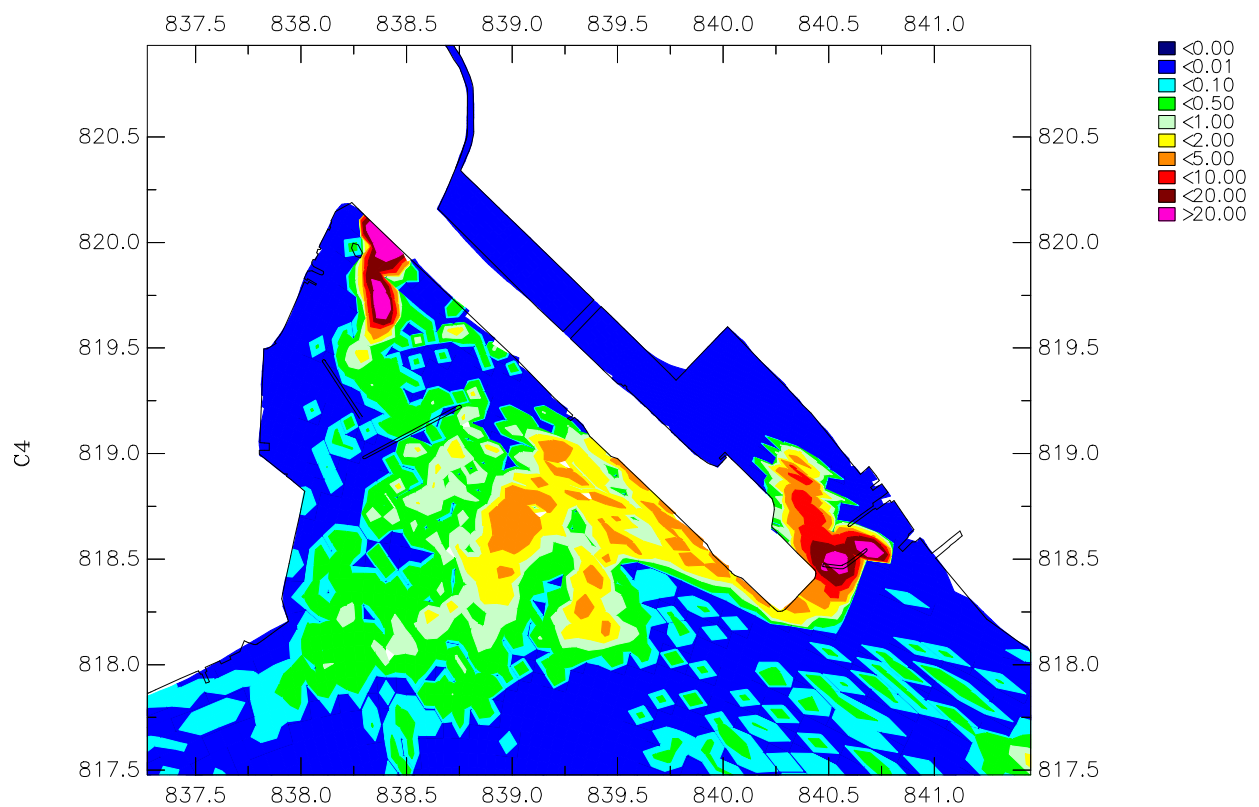
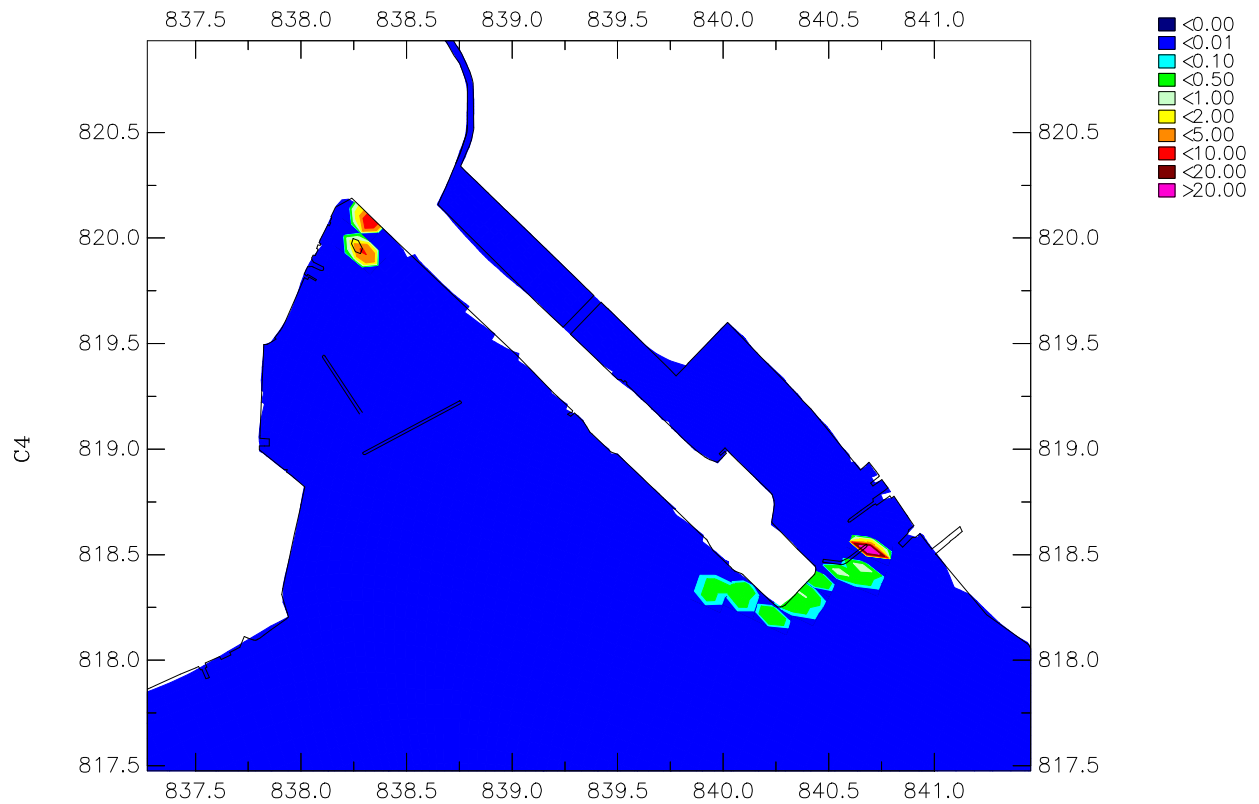
SS Elevation (mg/L) – Neap Ebb Tide (2005/10/3 12:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Wet Season

Unmitigated

Drawing: C4-W-NET-U

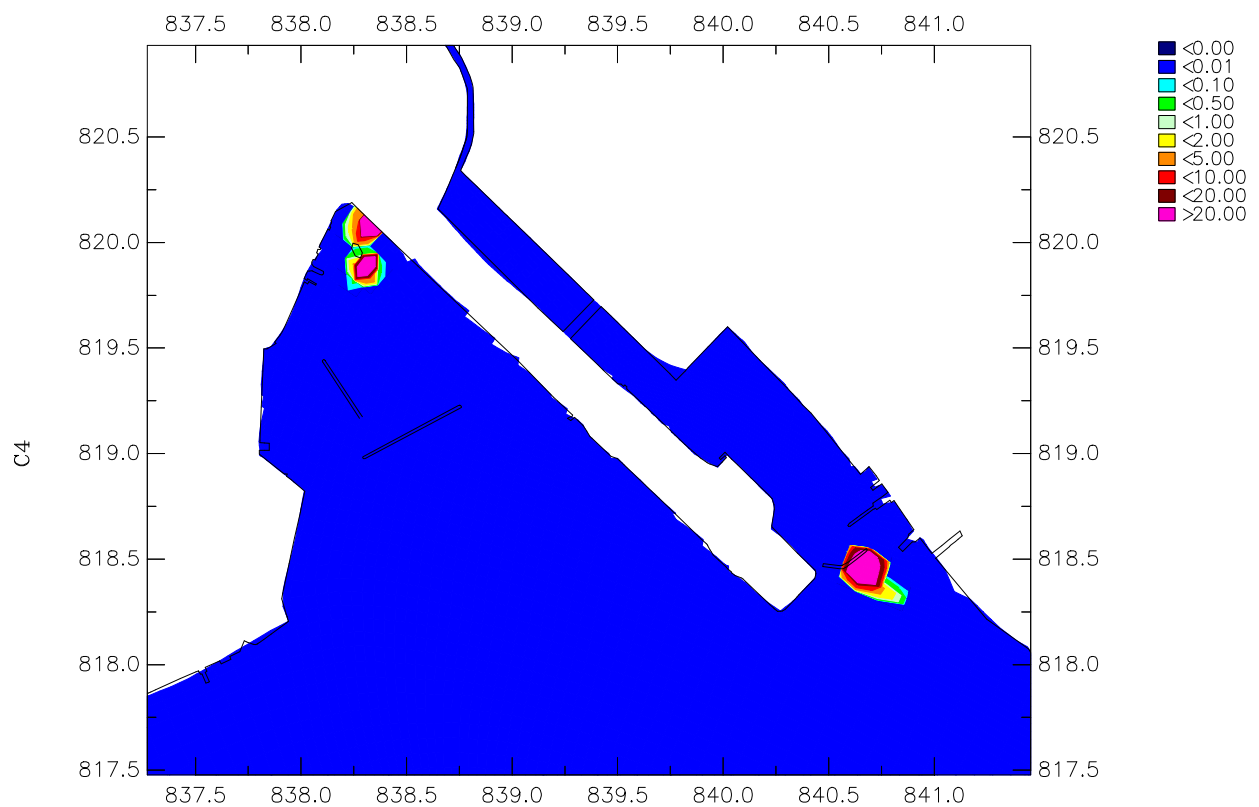
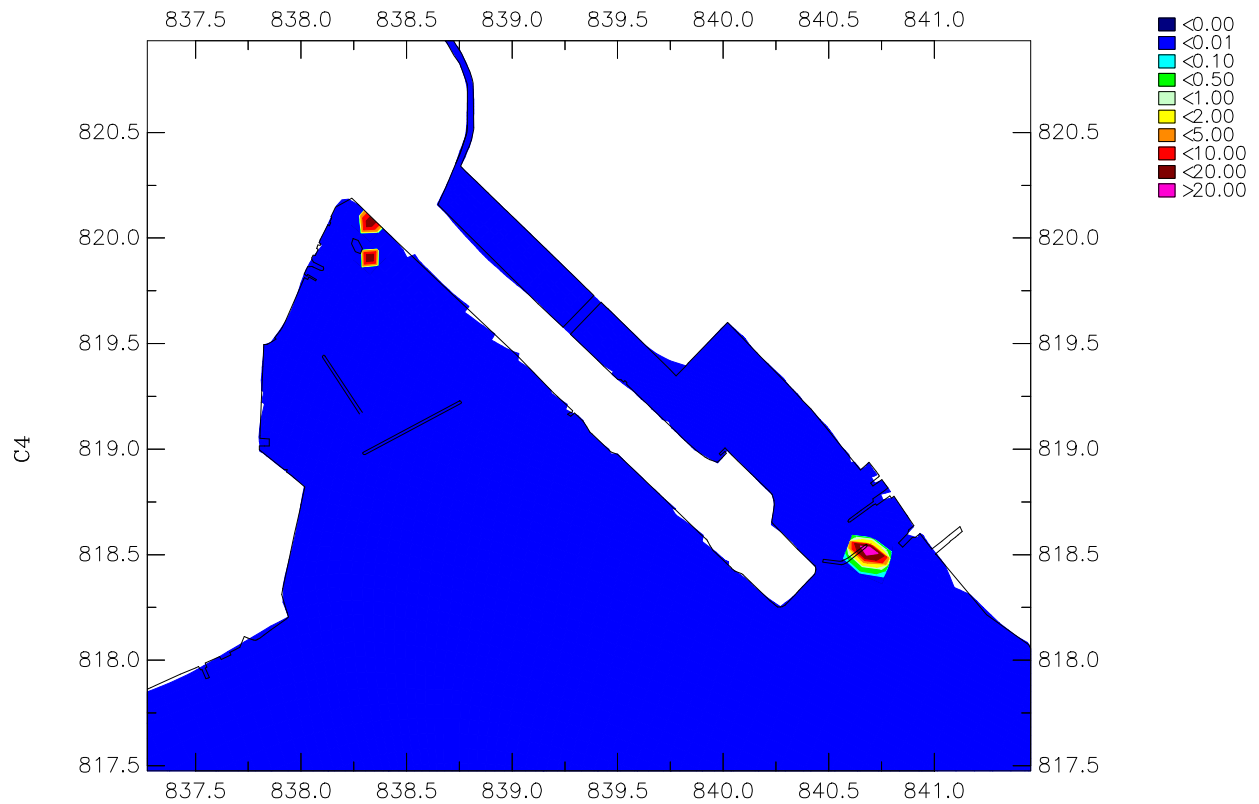
ARUP



SS Elevation (mg/L) – Neap Flood Tide (2005/10/3 18:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

Wet Season Unmitigated
Drawing: C4–W–NFT–U

ARUP



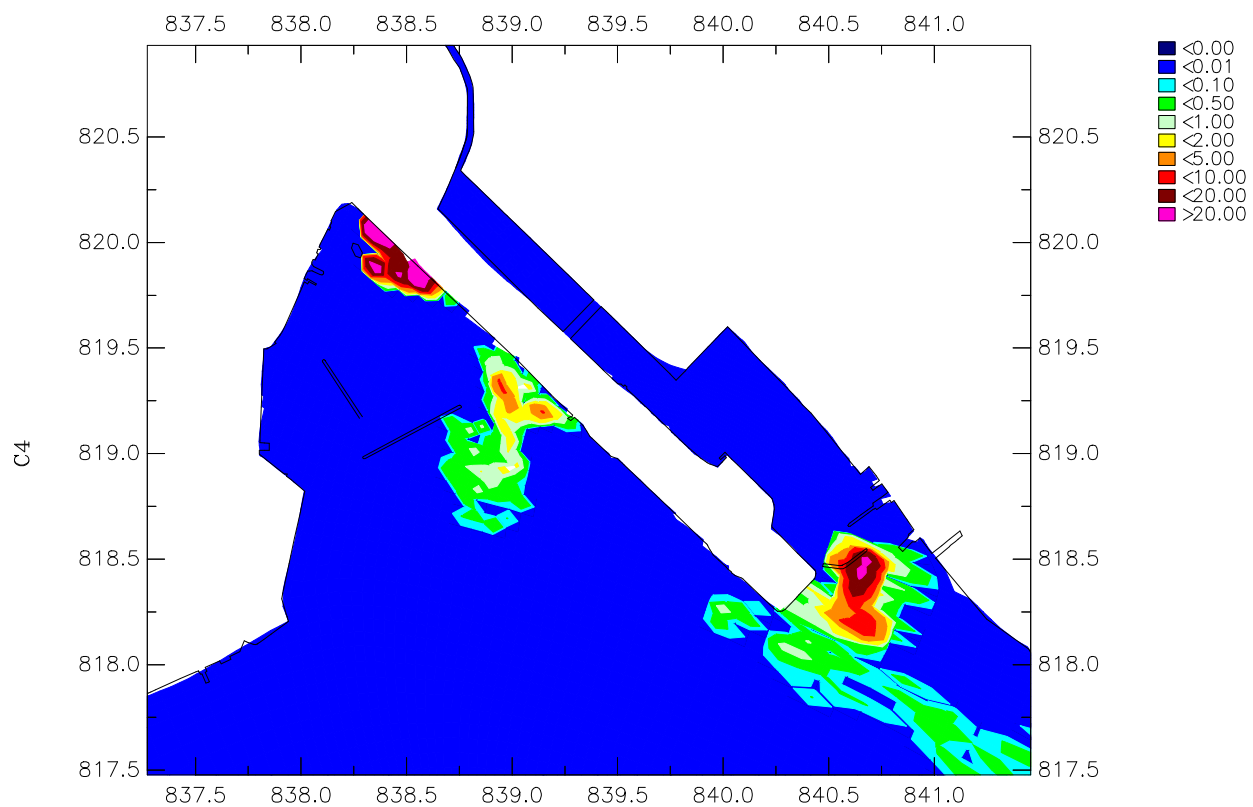
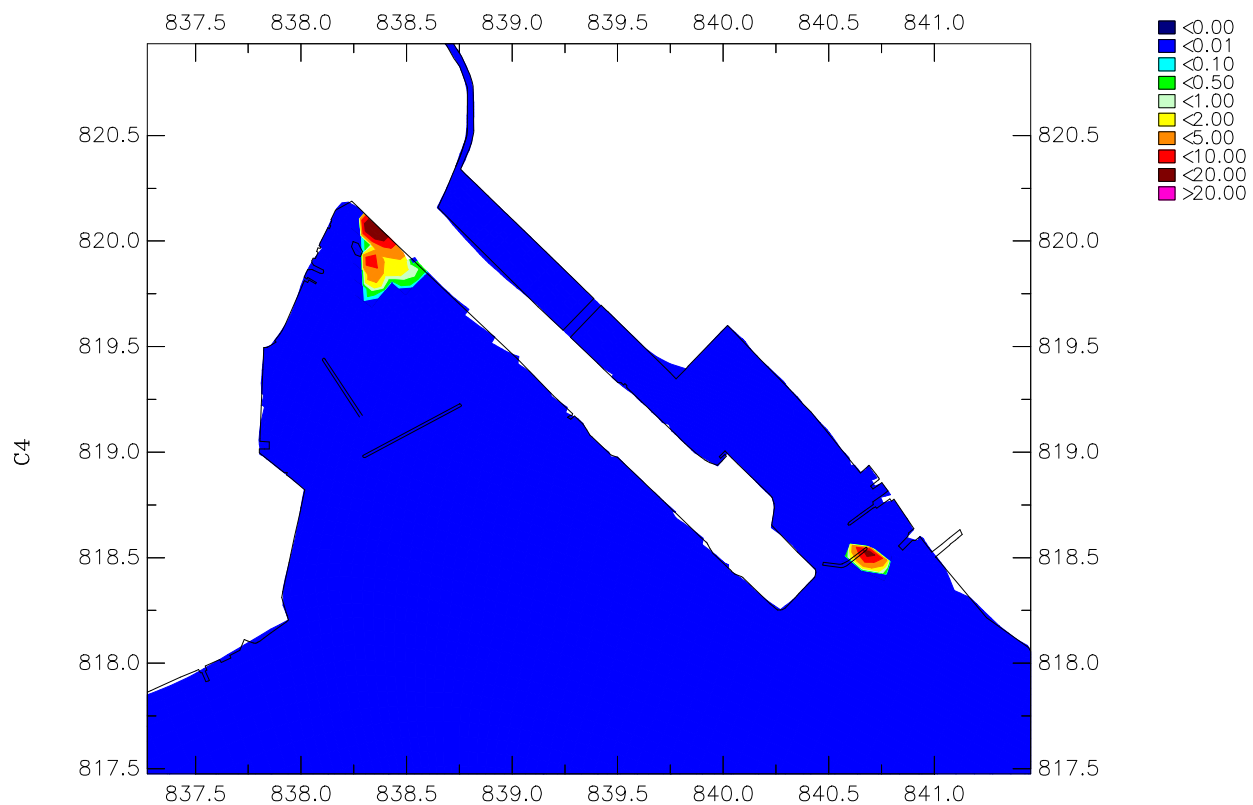
SS Elevation (mg/L) – Highest High Water (2005/10/13 08:00)
Scenario C4
Upper: Surface layer; Lower: Bottom Layer

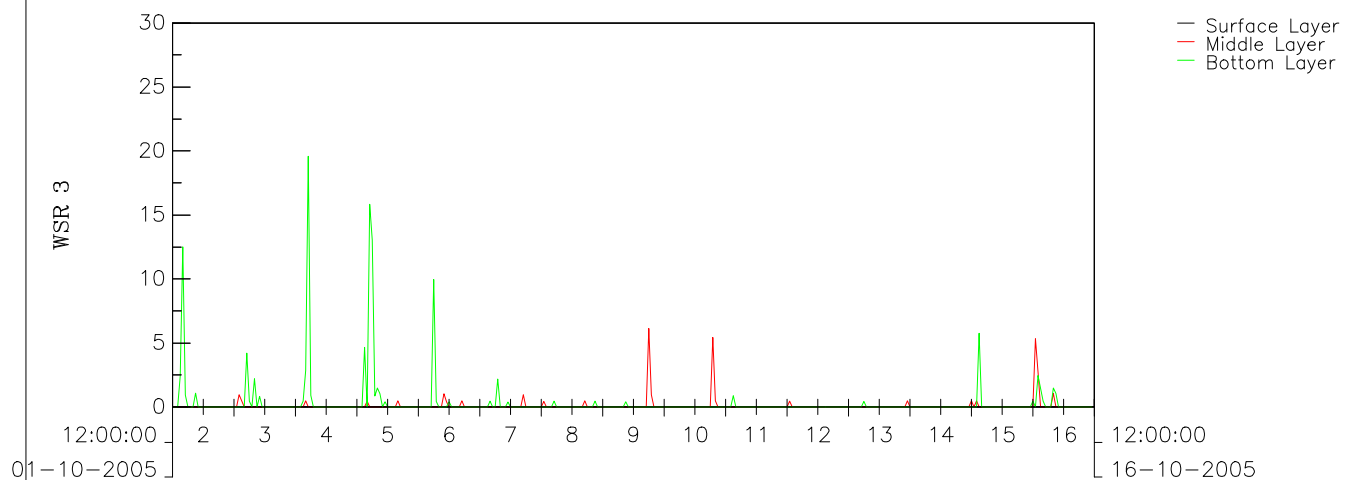
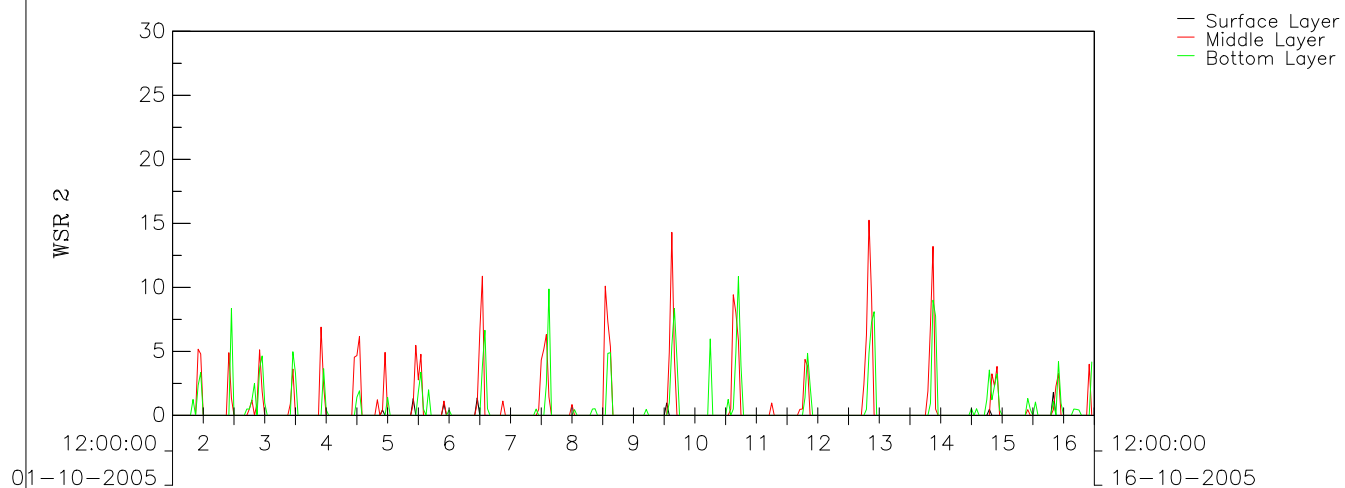
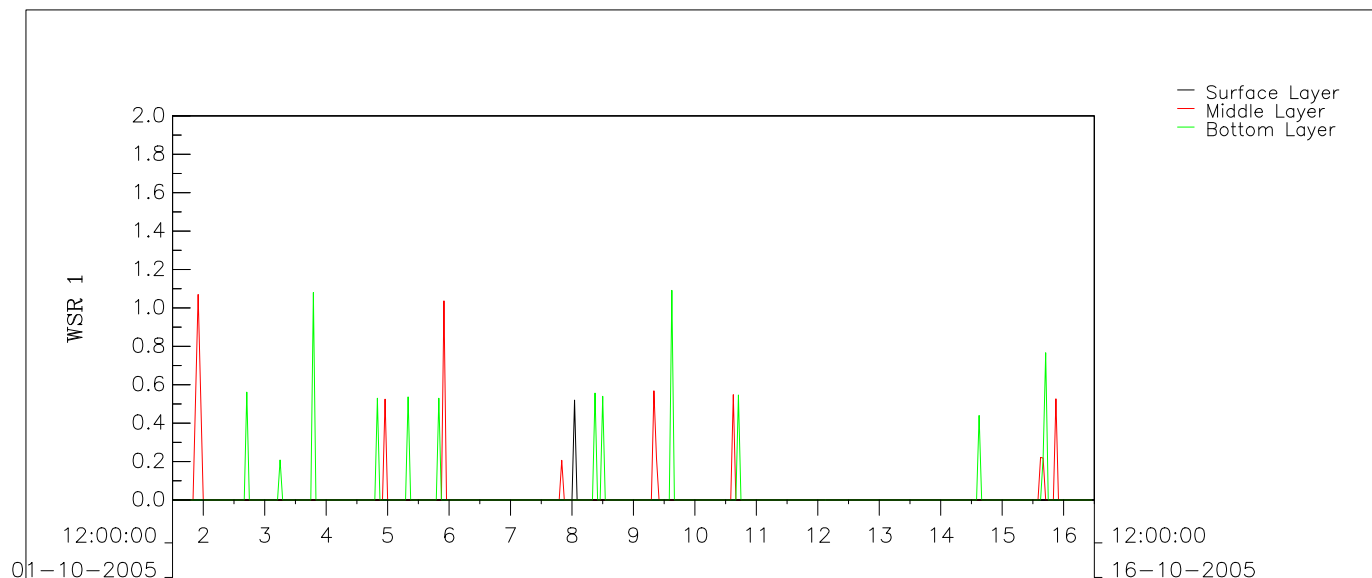
Wet Season

Unmitigated

Drawing: C4–W–HHW–U

ARUP





SS Elevation (mg/L) – Time Series Plot Scenario C4	Wet Season	Unmitigated
	Drawing: C4-W-SST-U	
ARUP		