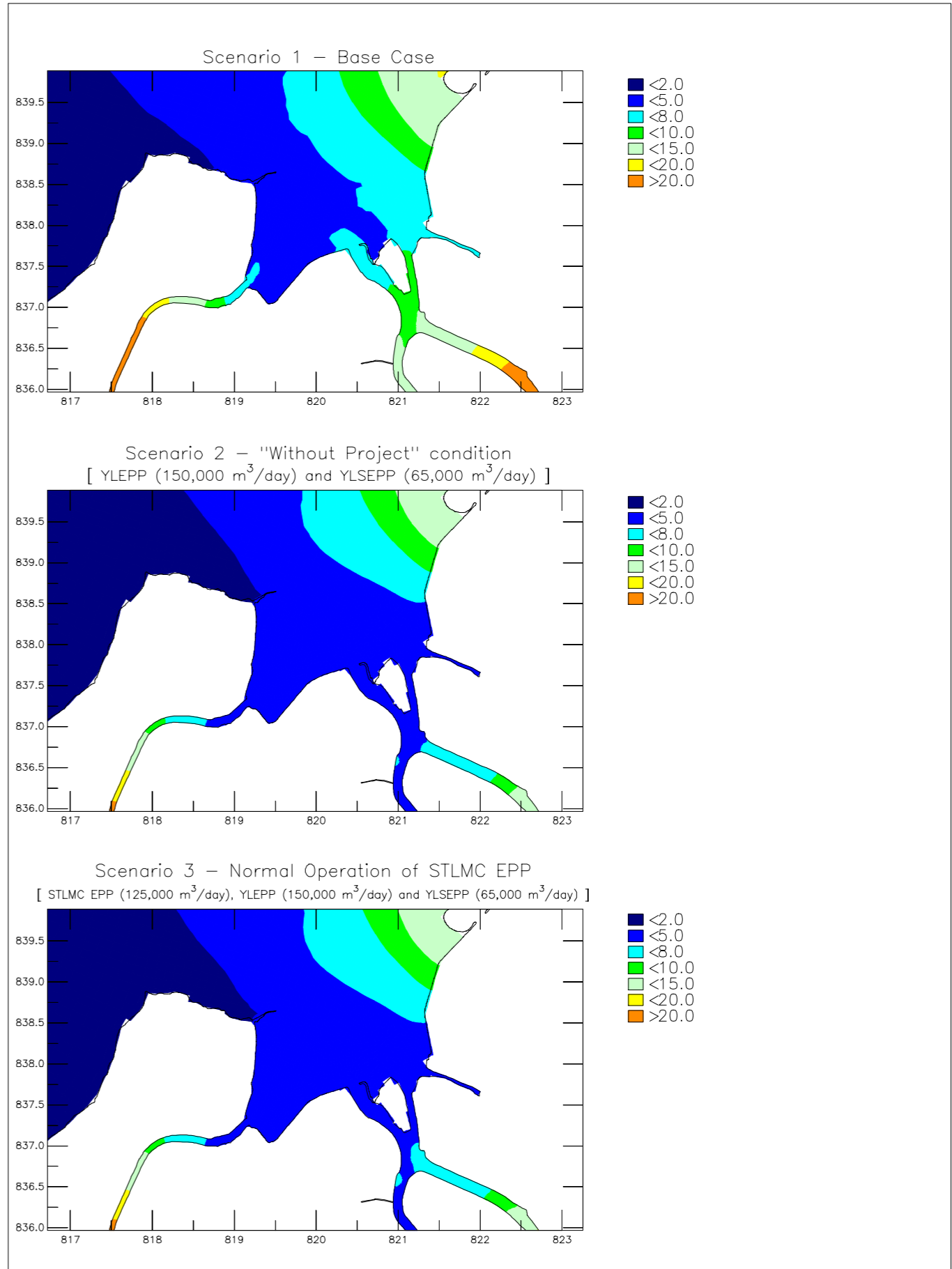
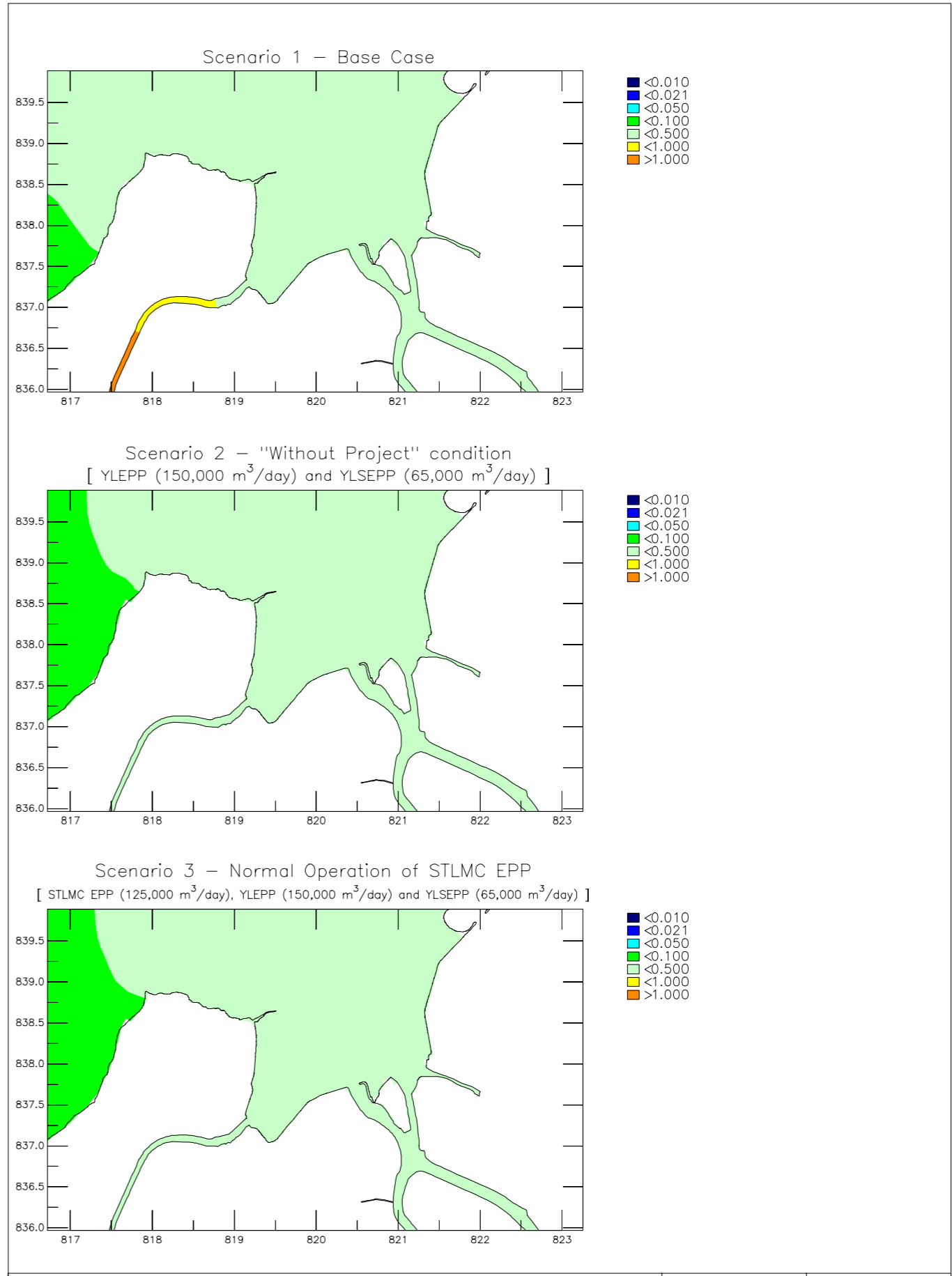
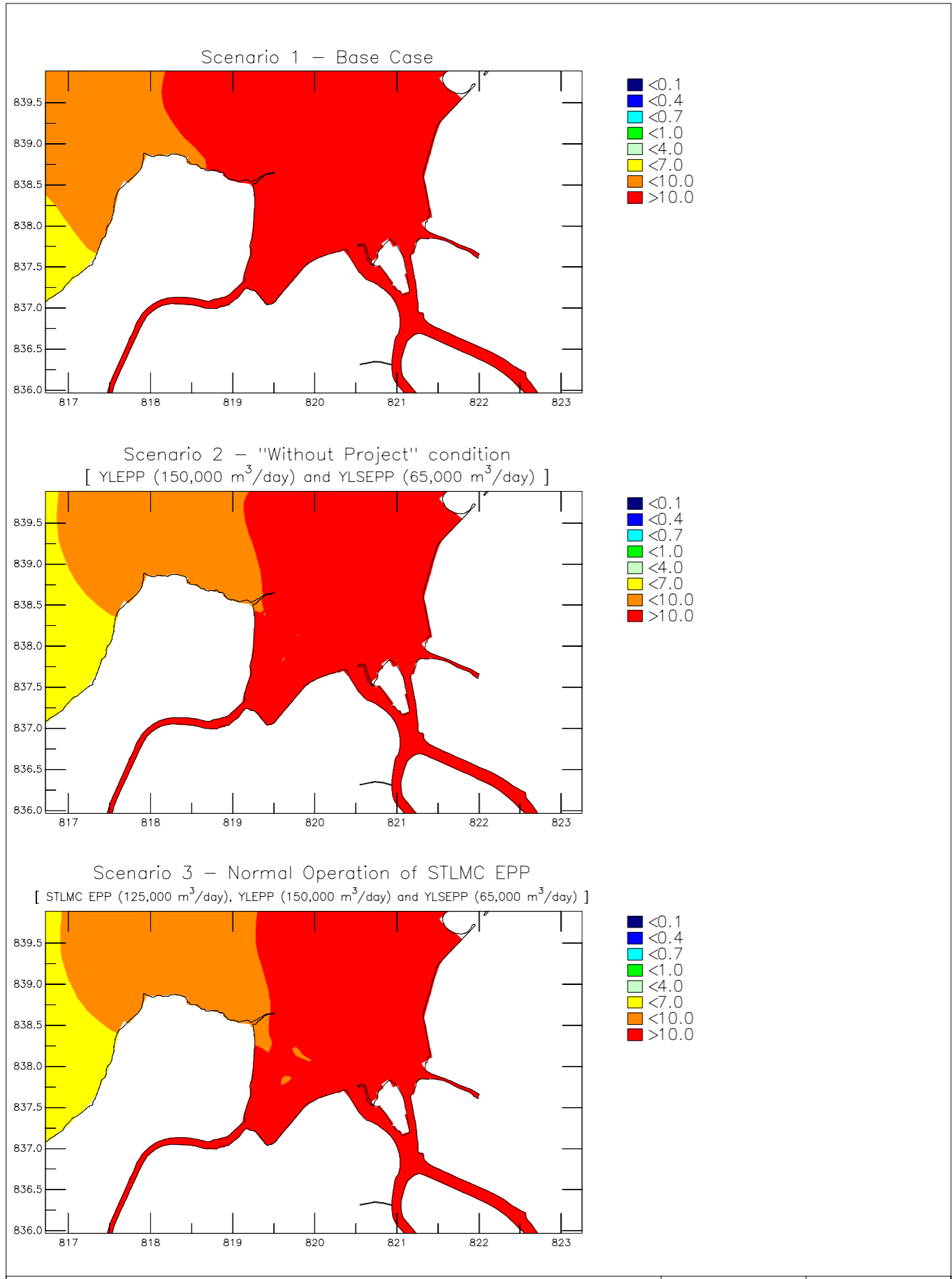


Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Dry Season
10 Percentile Depth Averaged Dissolved Oxygen (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 01
AECOM	/GPP	OpWQ-d.ssn

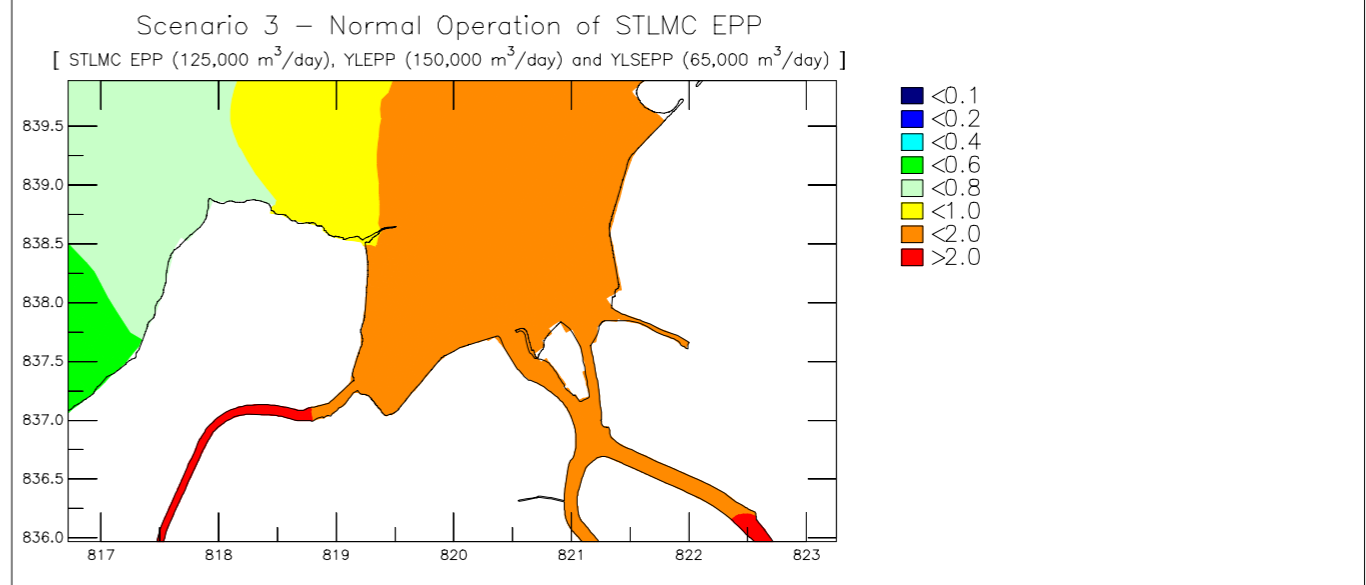
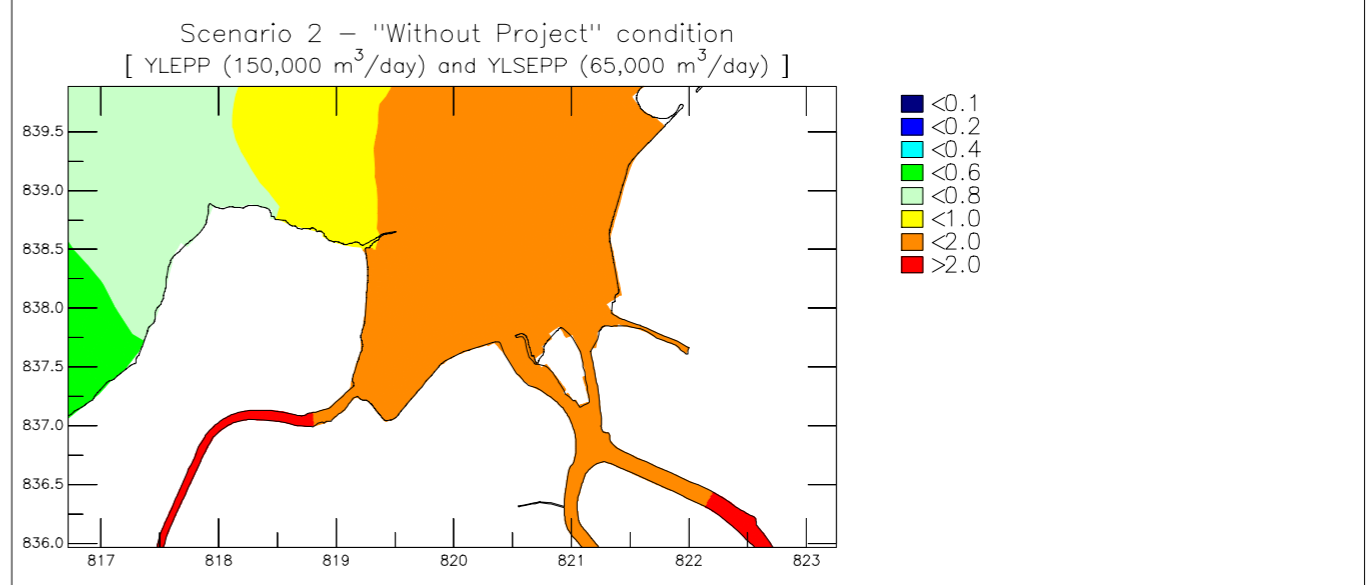
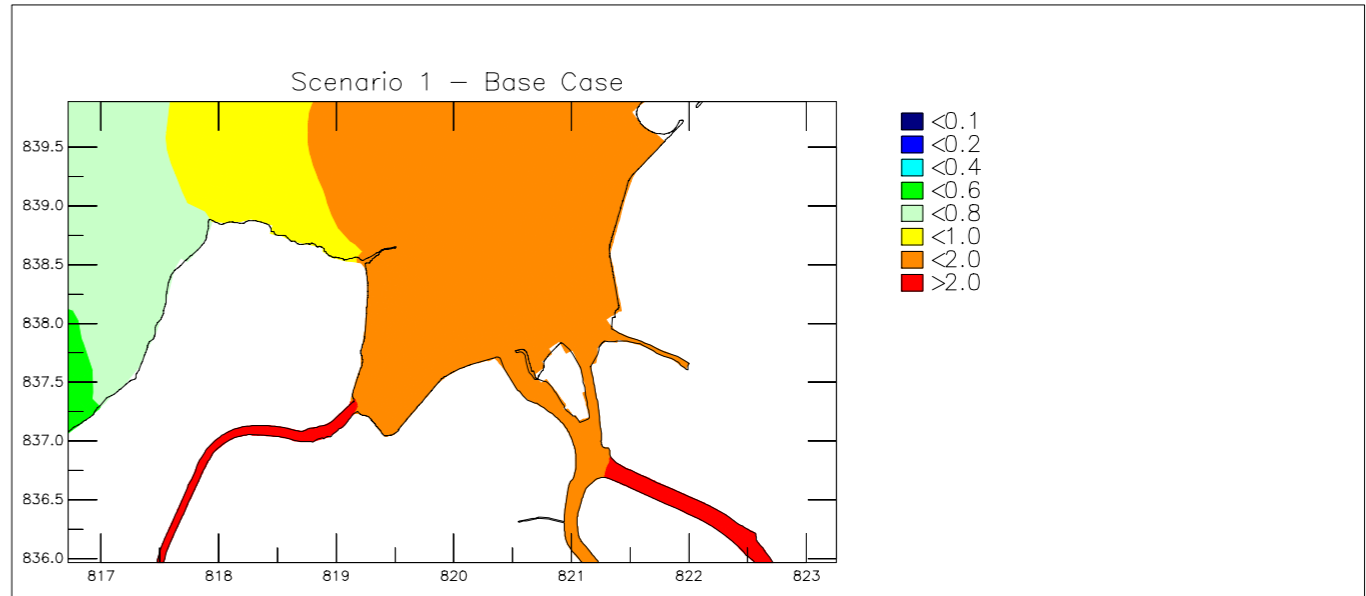
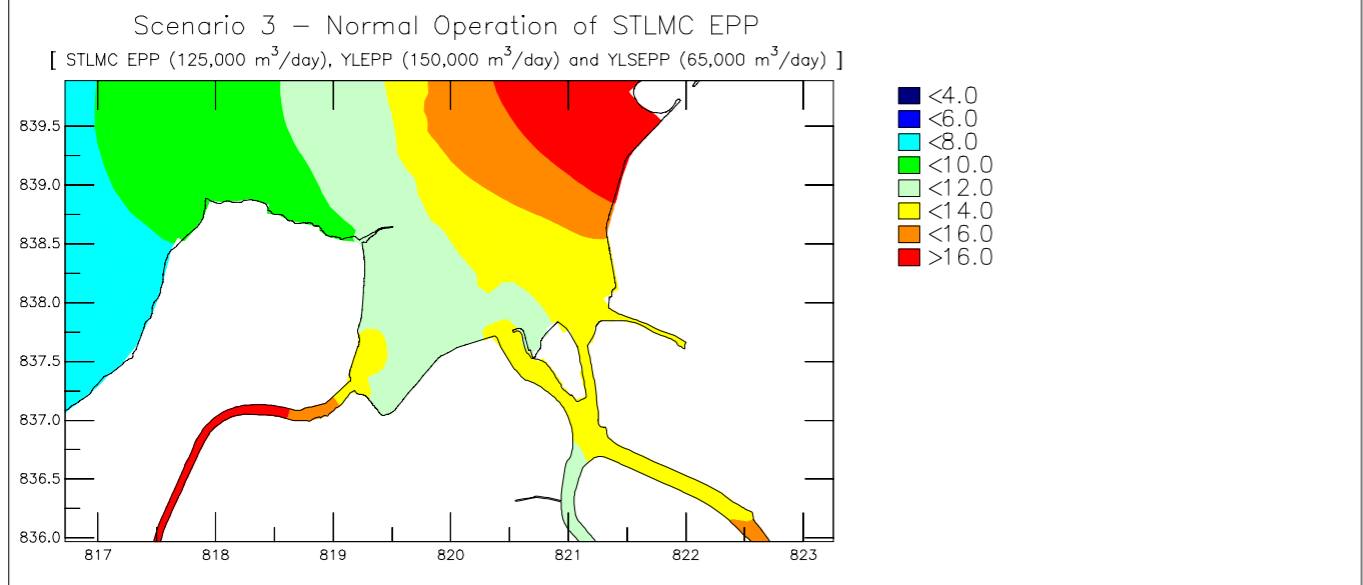
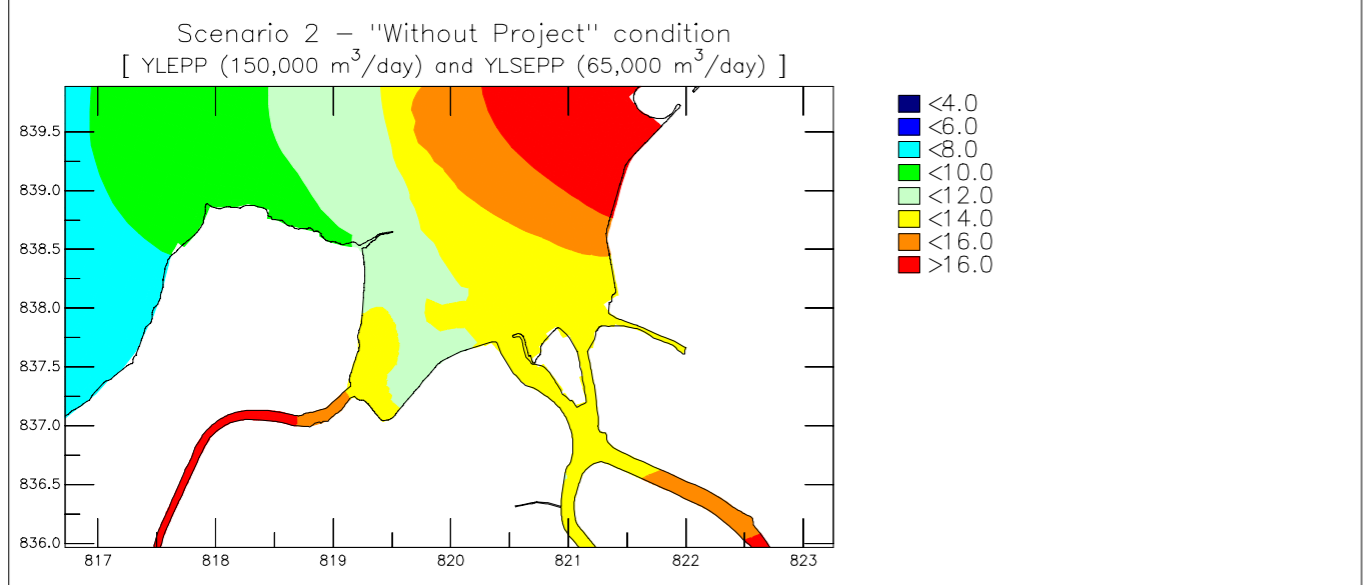
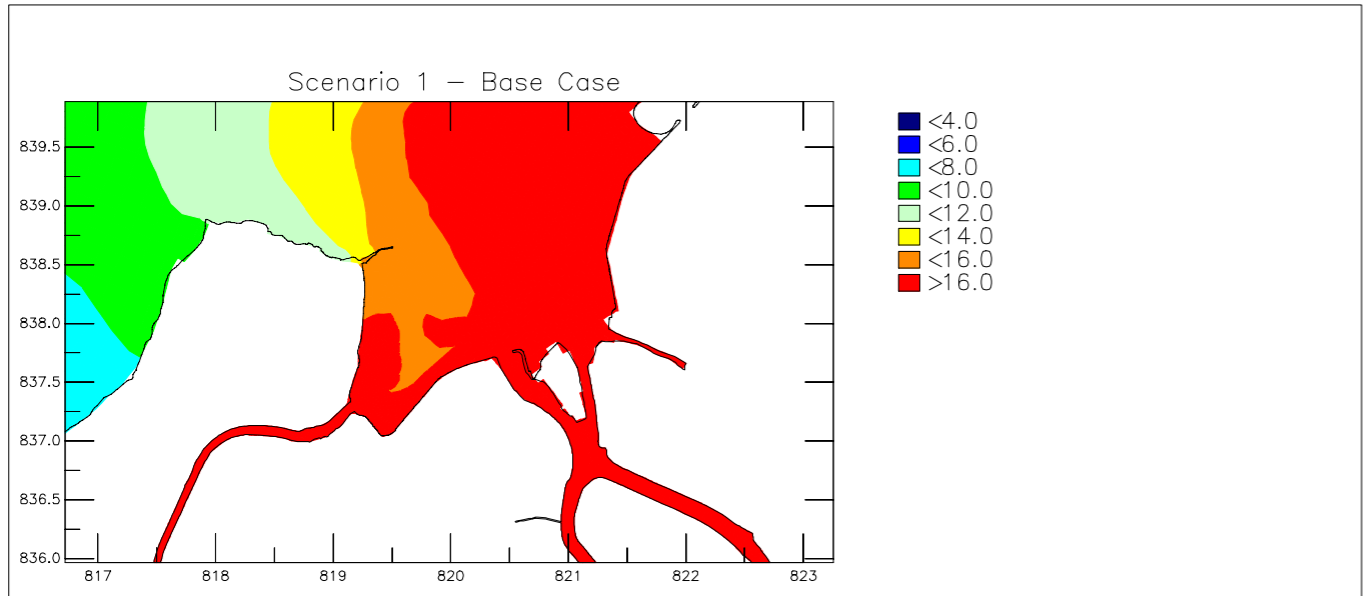


Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Dry Season
Mean Depth Averaged 5-Day Biochemical Oxygen Demand (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 02
AECOM	/GPP	OpWQ-d.ssn



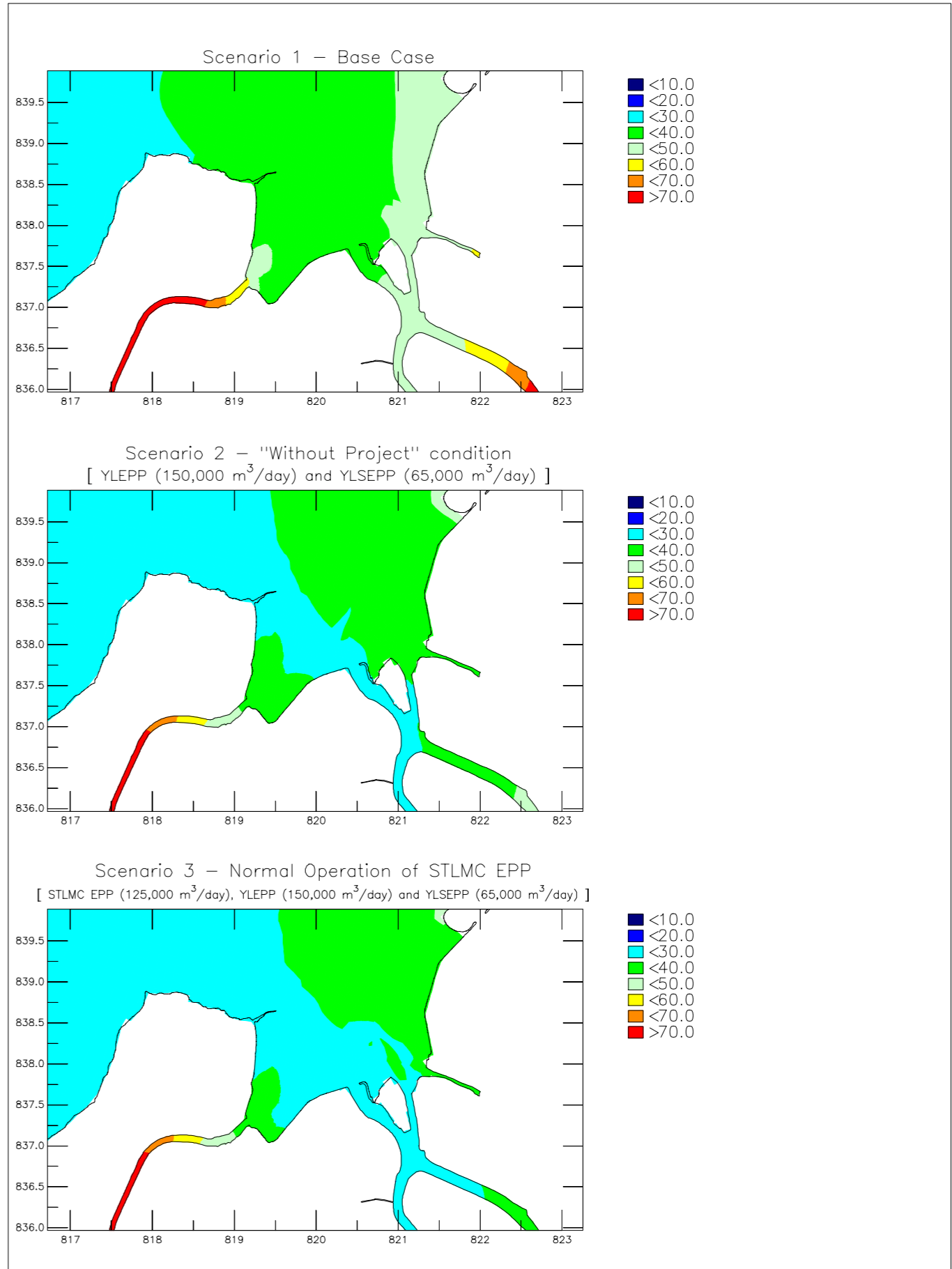
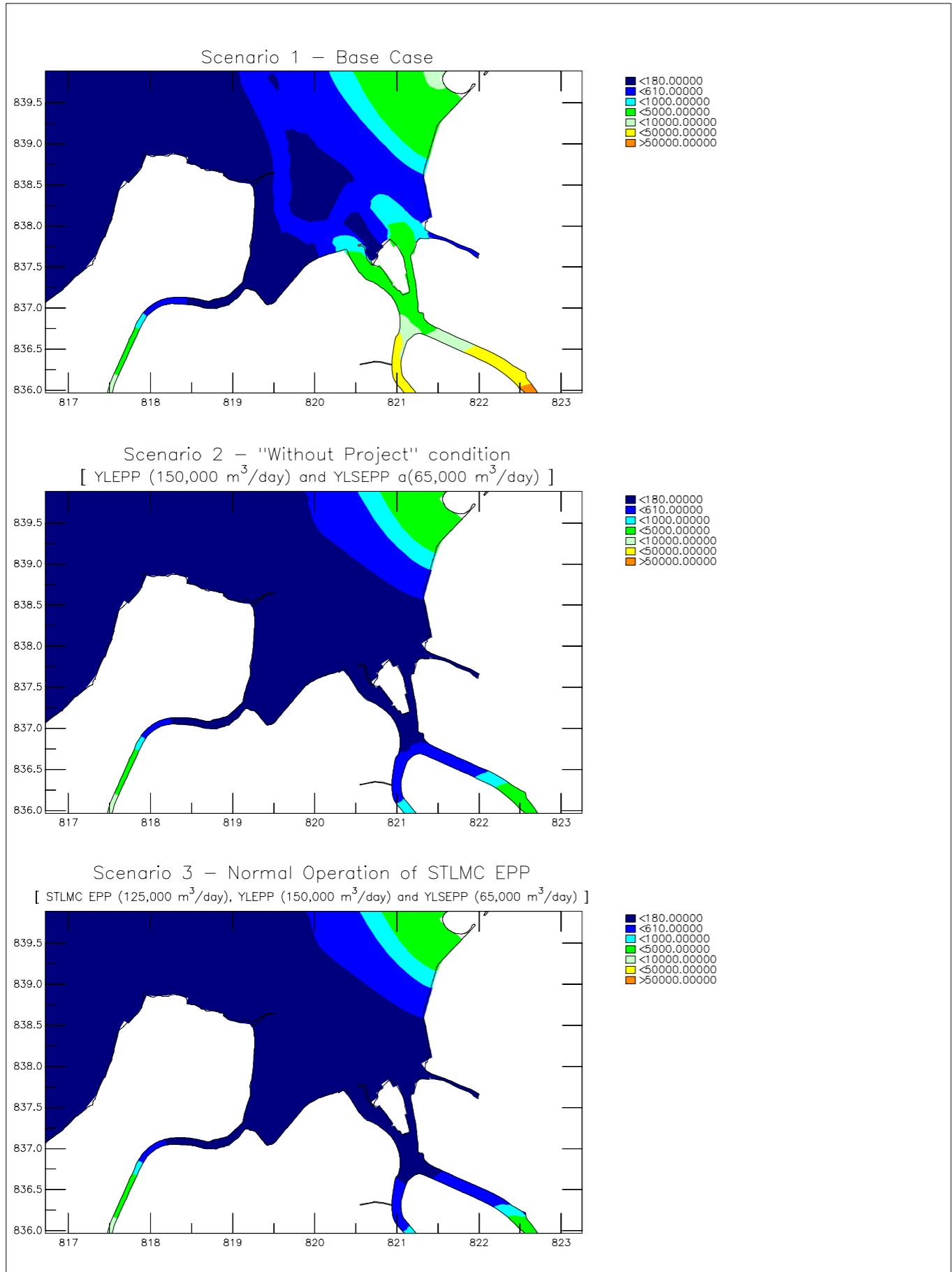
Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Dry Season
Mean Depth Averaged Total Inorganic Nitrogen (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 03
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Dry Season
Mean Depth Averaged Unionised Ammonia (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 04
AECOM	/GPP	OpWQ-d.ssn



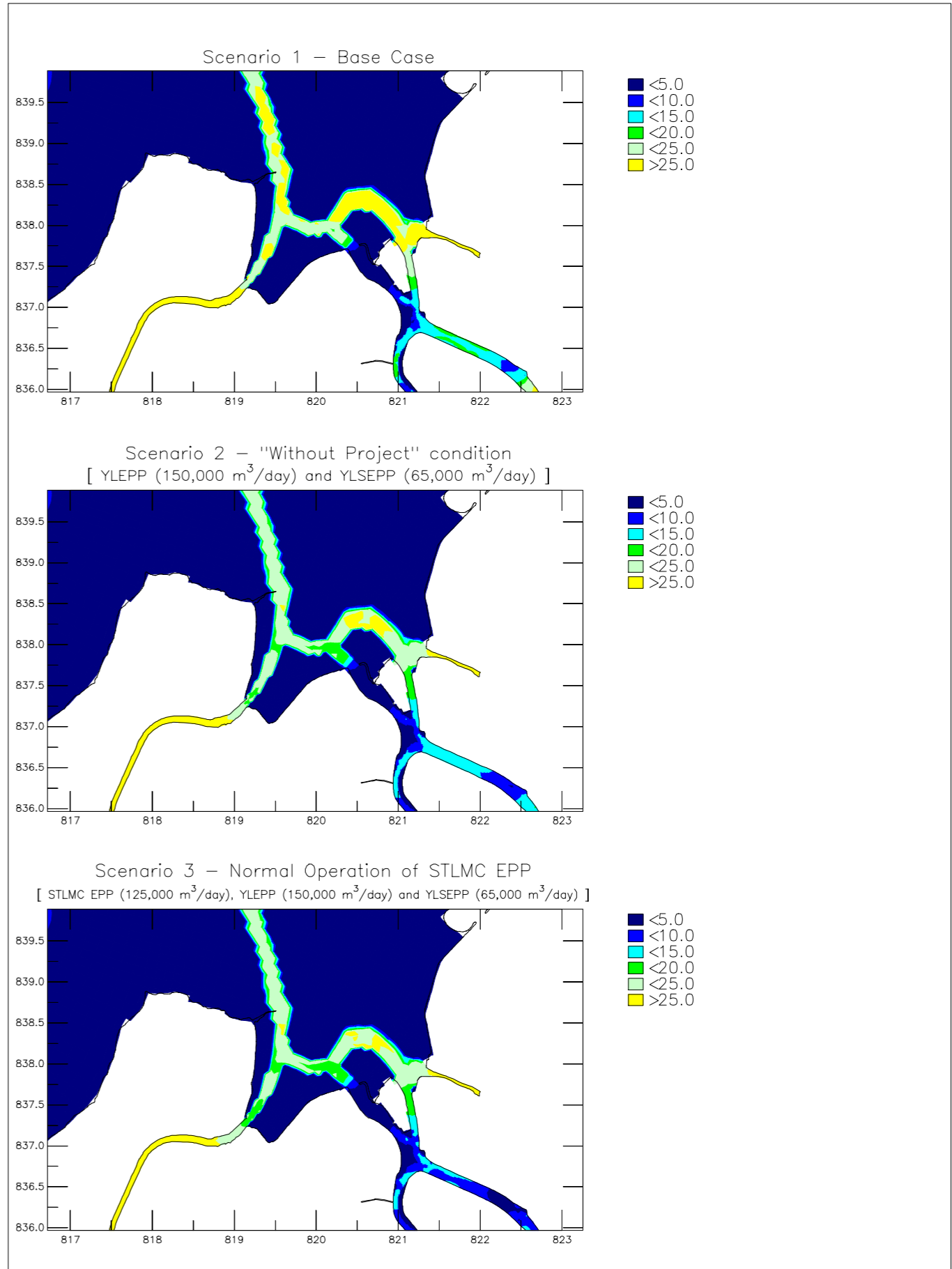
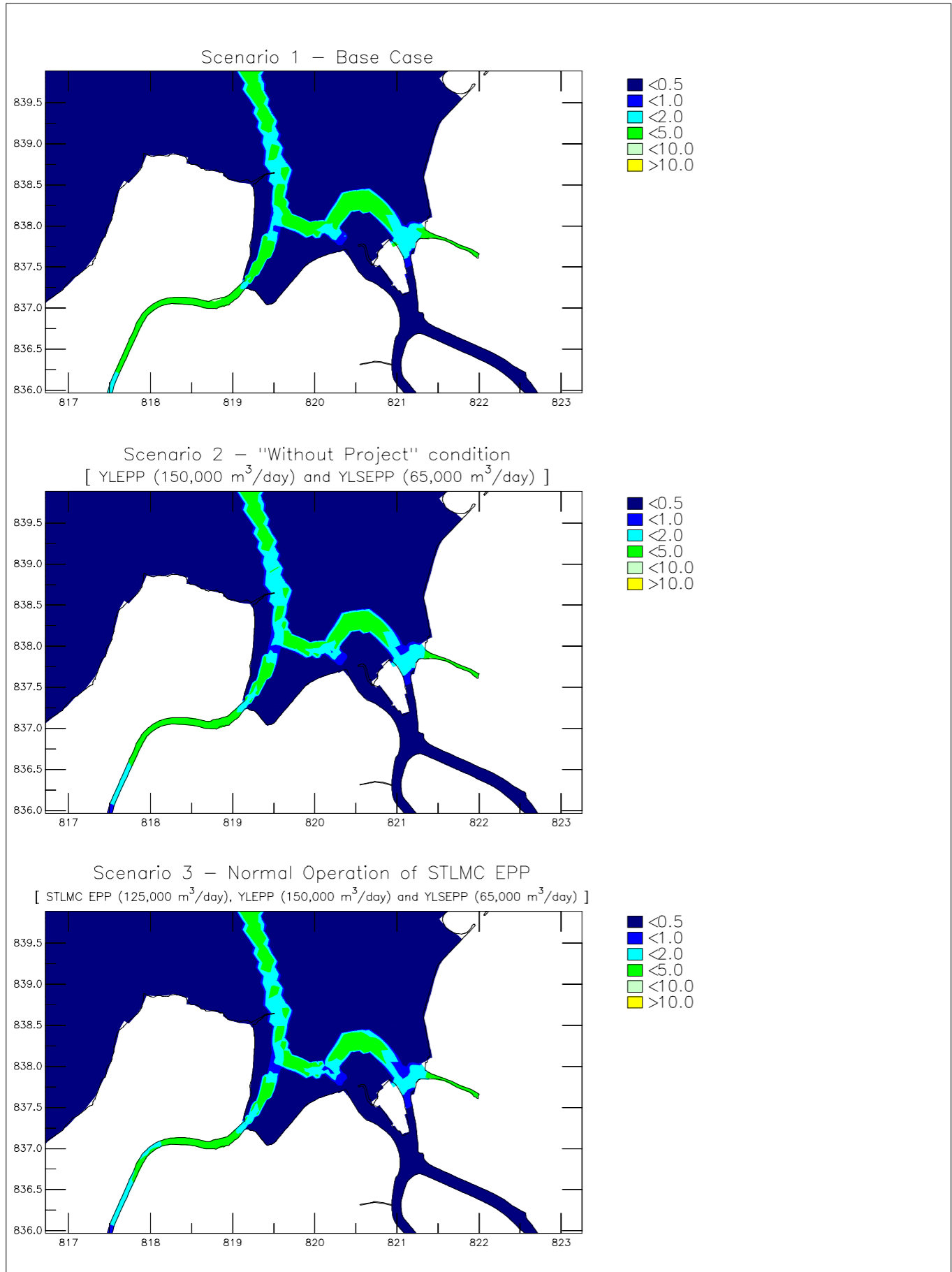
Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North - San Tin / Lok Ma Chau Development Node - Investigation		Dry Season
Mean Depth Averaged Total Nitrogen (mg/L) Upper: Scenario 1 - "Base Case" Scenario; Middle: Scenario 2 - "Without Project" condition; Lower: Scenario 3 - Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 - 05
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North - San Tin / Lok Ma Chau Development Node - Investigation		Dry Season
Mean Depth Averaged Total Phosphorus (mg/L) Upper: Scenario 1 - "Base Case" Scenario; Middle: Scenario 2 - "Without Project" condition; Lower: Scenario 3 - Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 - 06
AECOM	/GPP	OpWQ-d.ssn



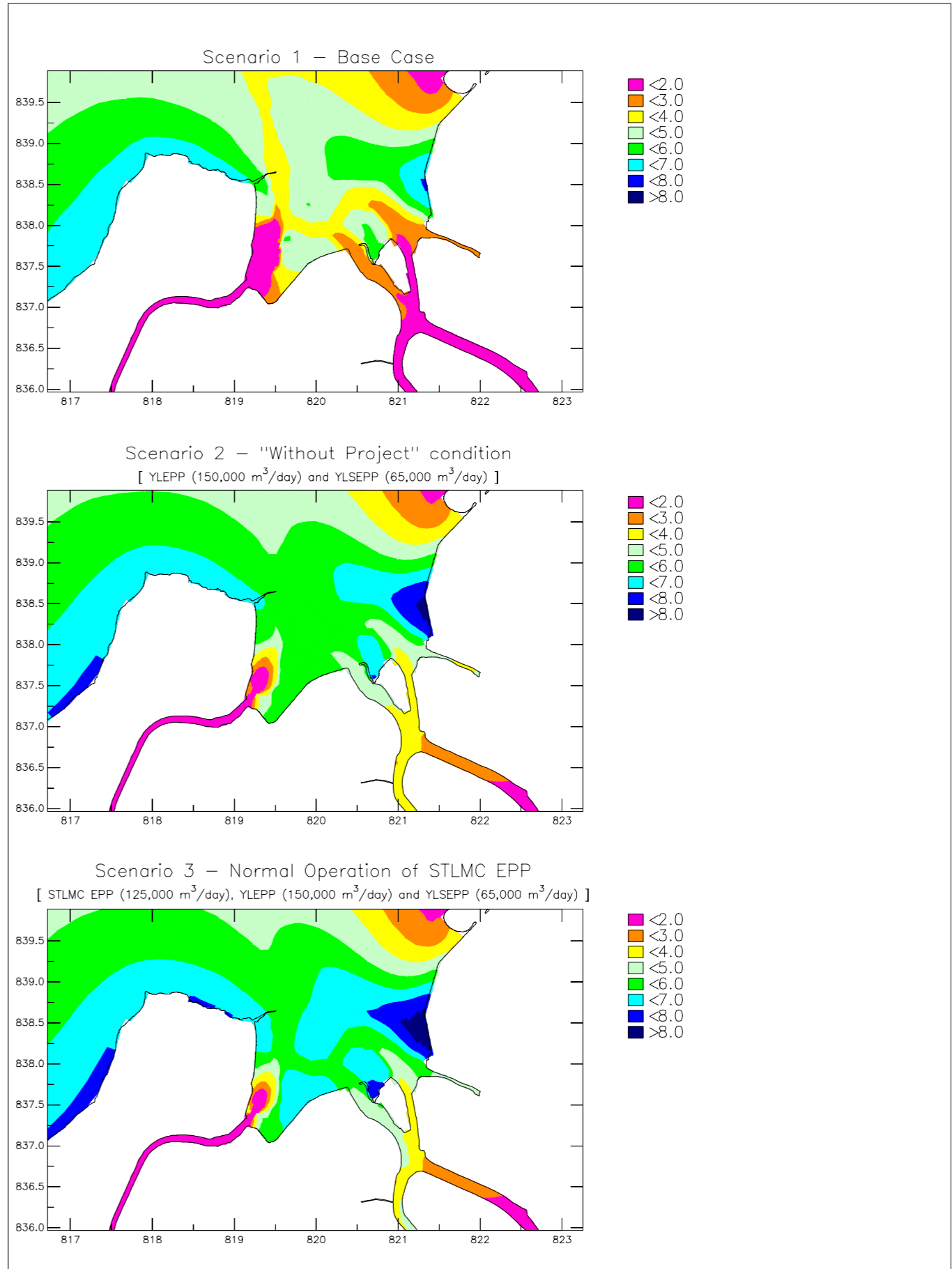
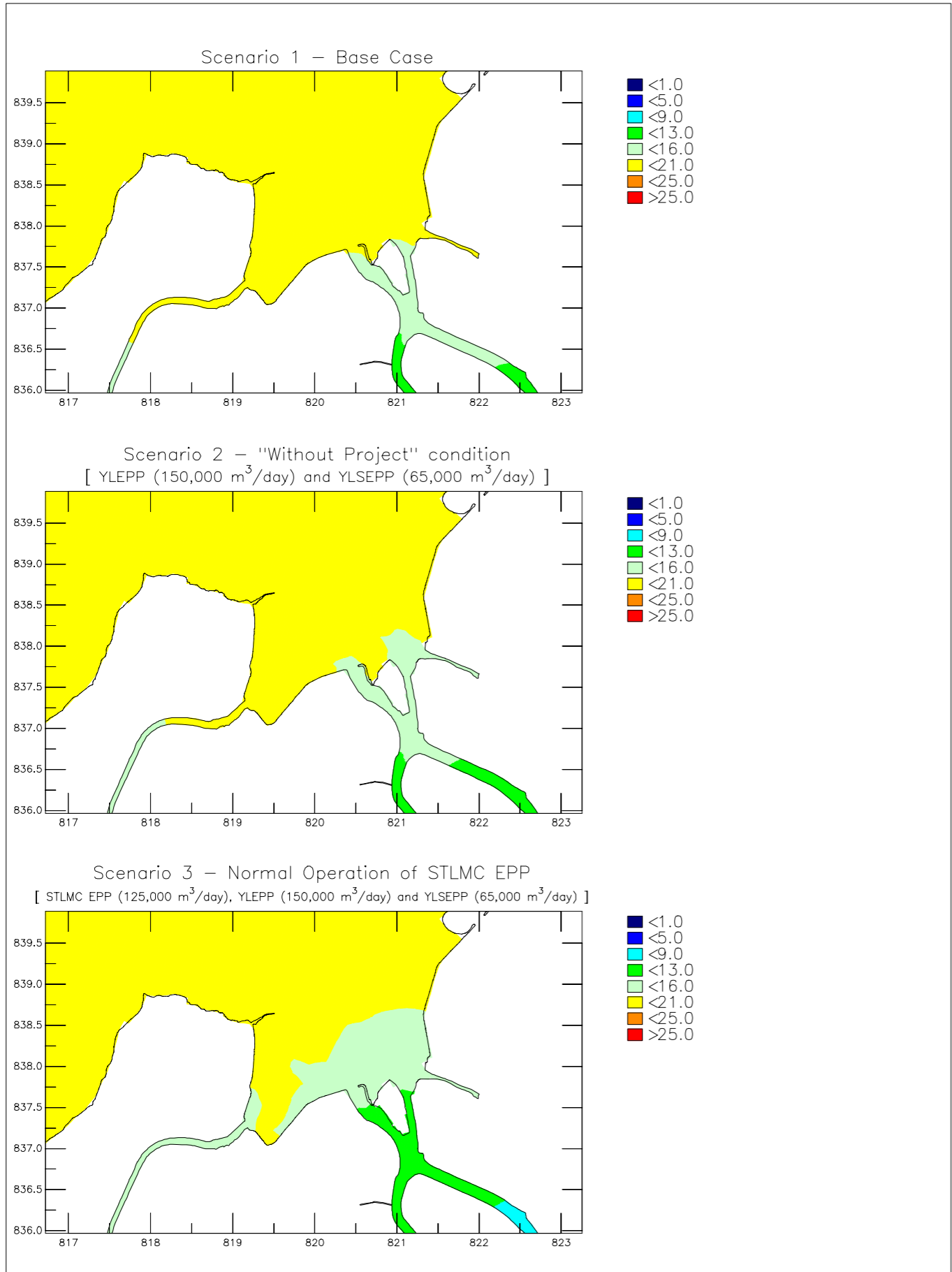
Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Dry Season
Geometric Mean Depth Averaged E.coli (no./100mL) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 07
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Dry Season
Mean Depth Averaged Suspended Solids (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 08
AECOM	/GPP	OpWQ-d.ssn



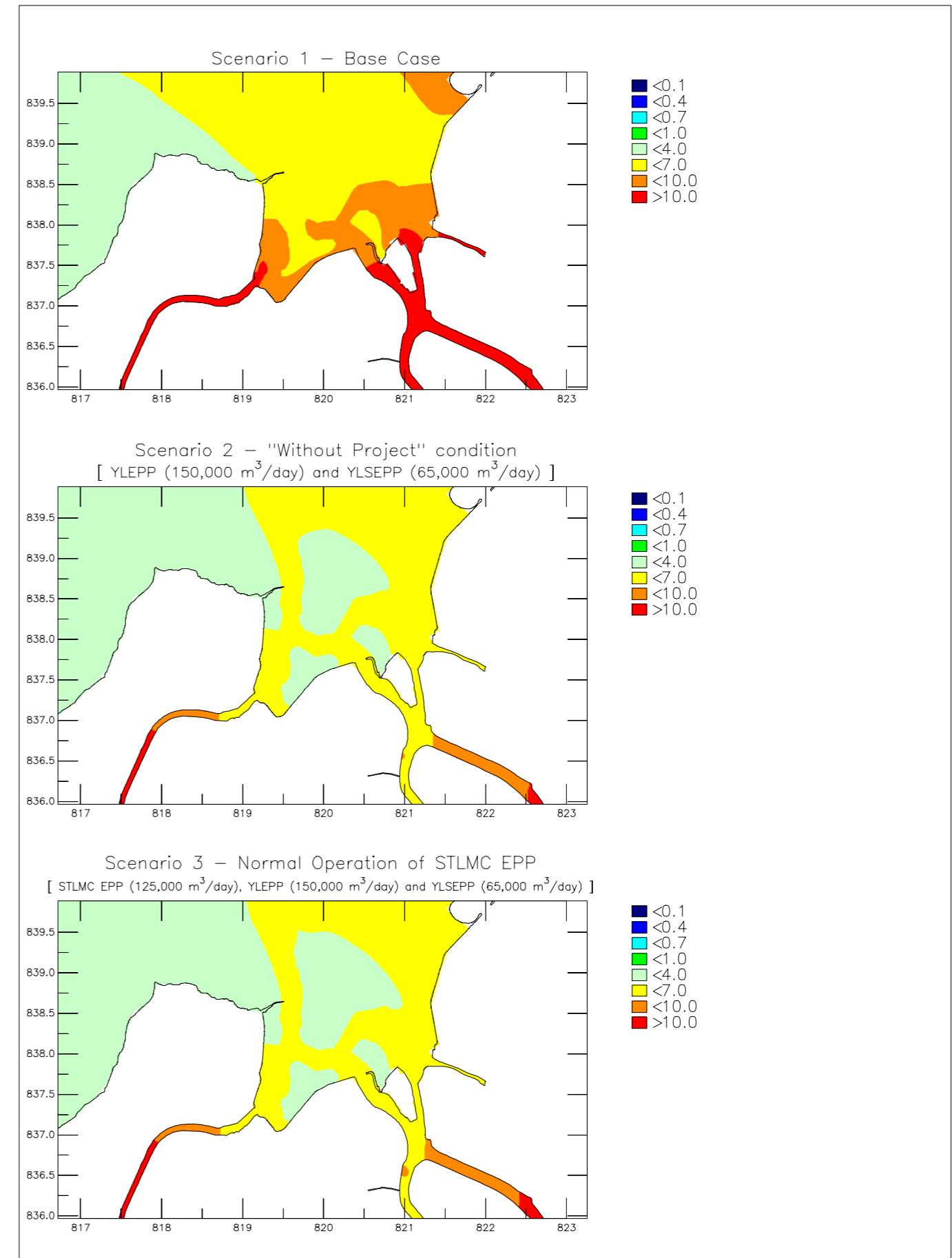
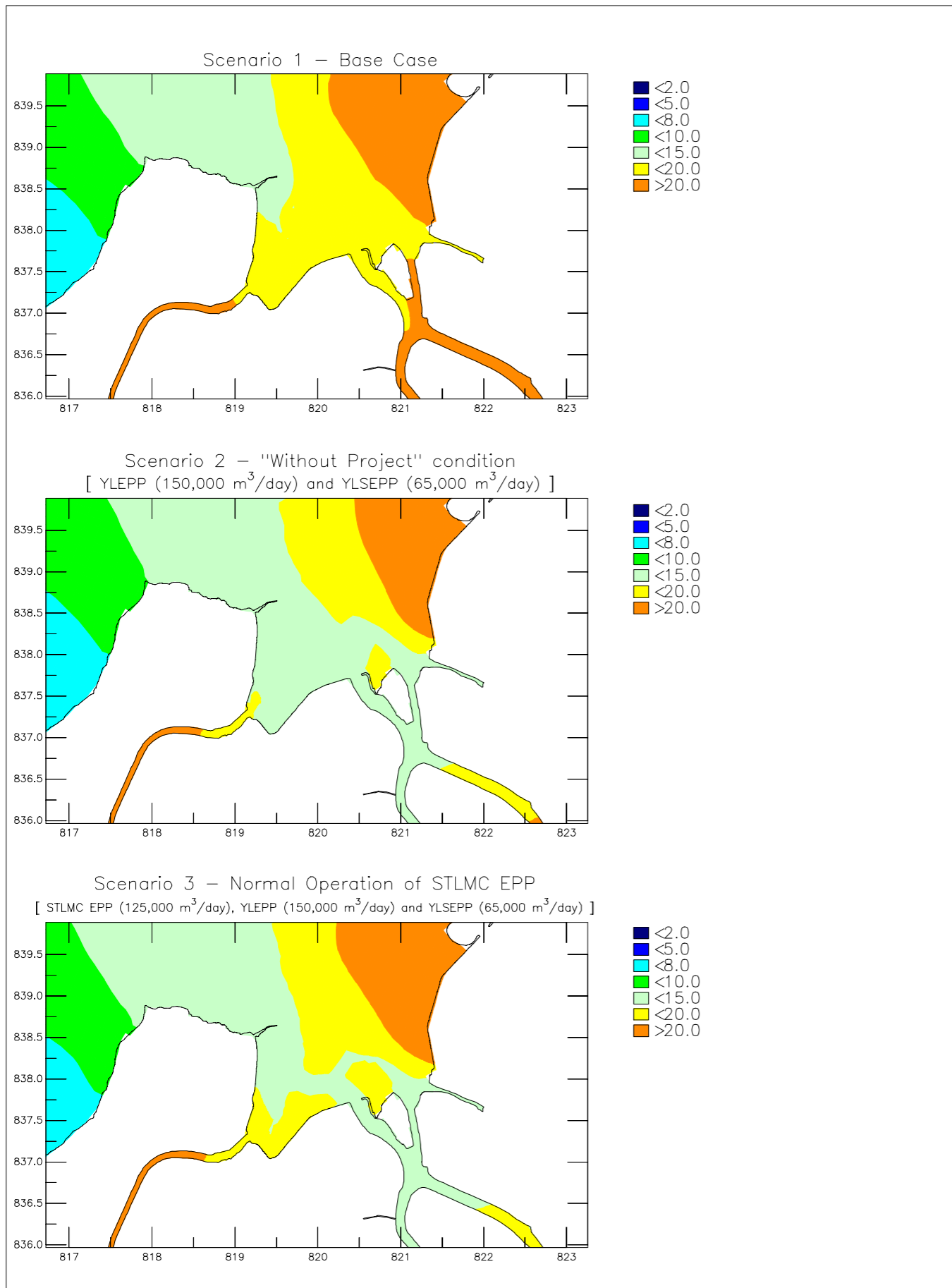
Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Dry Season
Mean Sedimentation Rate (g/m ² /day) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 09
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Dry Season
Maximum Sedimentation Rate (g/m ² /day) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 10
AECOM	/GPP	OpWQ-d.ssn



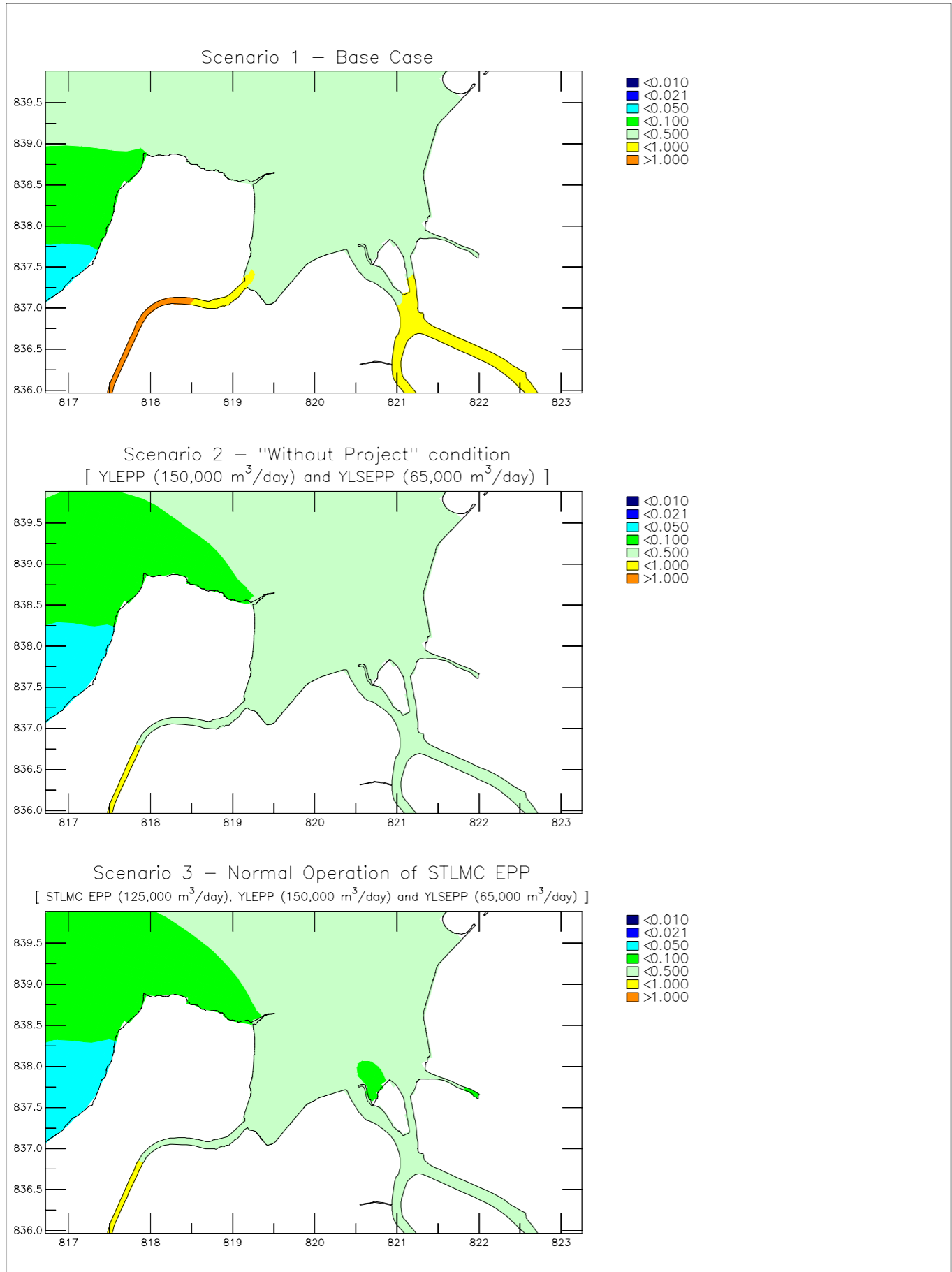
Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Dry Season
Mean Depth Averaged Salinity Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 11
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Wet Season
10 Percentile Depth Averaged Dissolved Oxygen (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 12
AECOM	/GPP	OpWQ-w.ssn

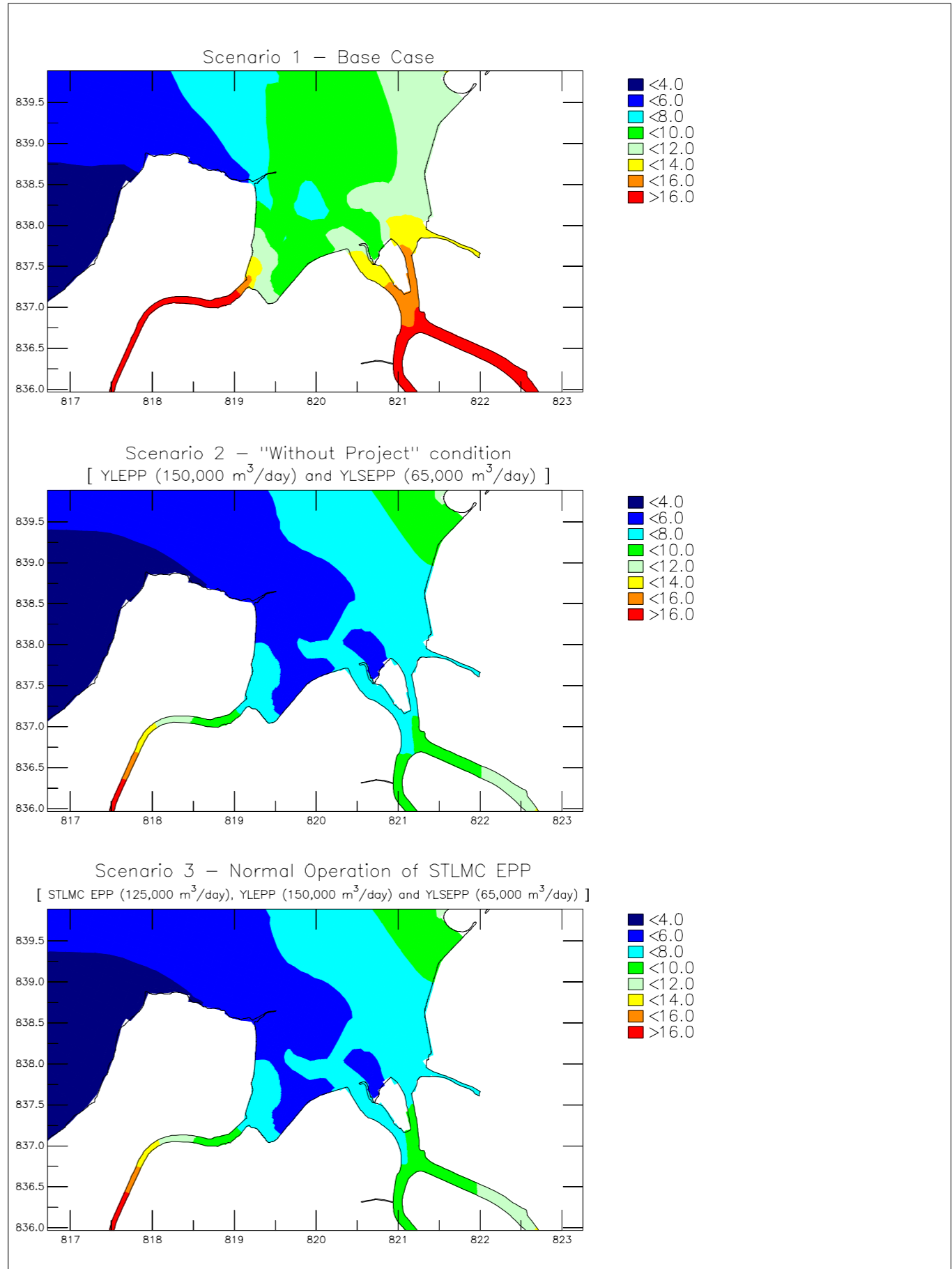


Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Wet Season
Mean Depth Averaged 5-Day Biochemical Oxygen Demand (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 13
AECOM	/GPP	OpWQ-w.ssn

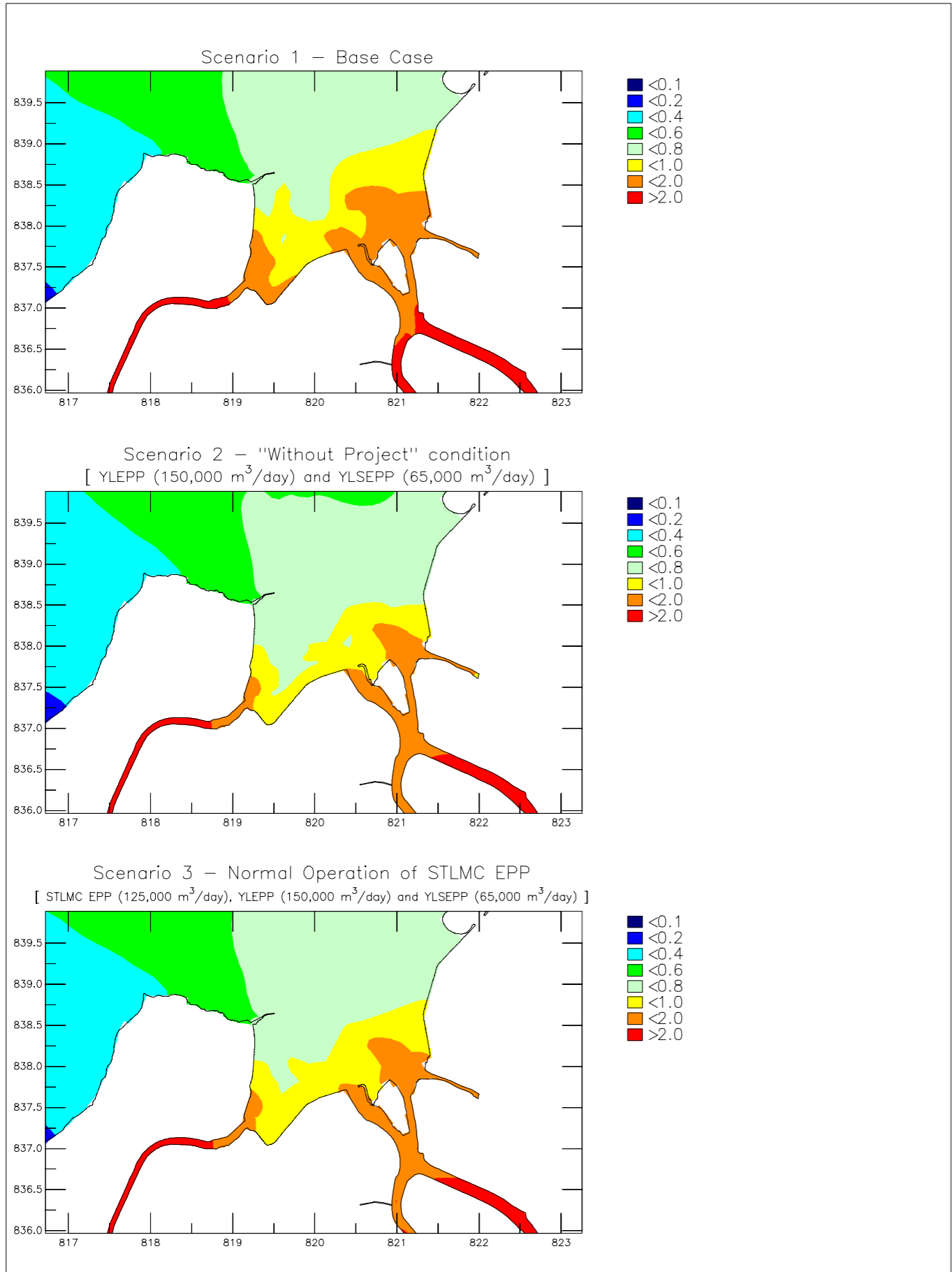
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Mean Depth Averaged Total Inorganic Nitrogen (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 14
AECOM	/GPP	OpWQ-w.ssn



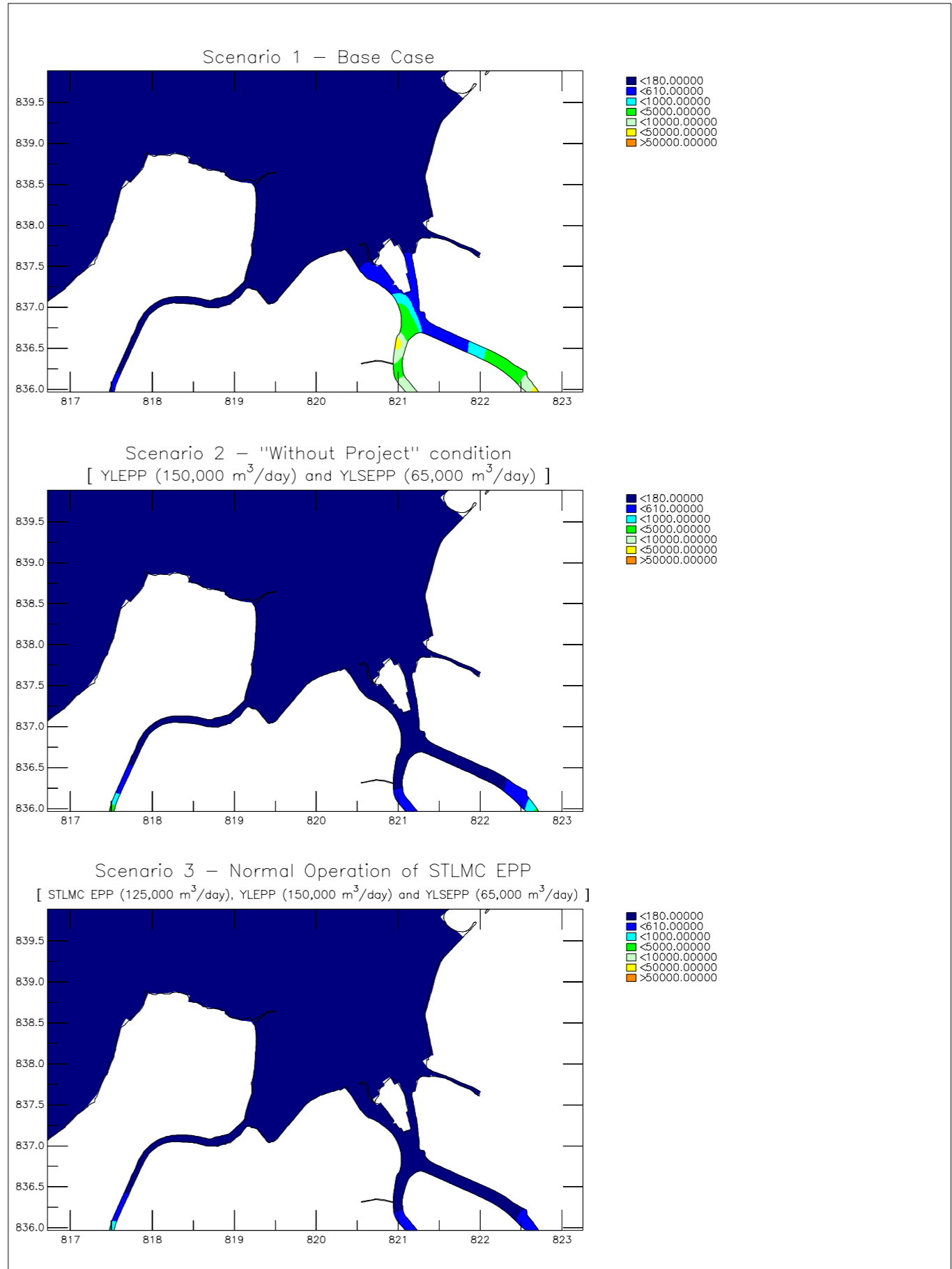
Agreement No. CE 20/2021 (CE)		Wet Season	
First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation			
Mean Depth Averaged Unionised Ammonia (mg/L)		Appendix 5.4 – 15	
Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)			
AECOM		/GPP	OpWQ-w.ssn



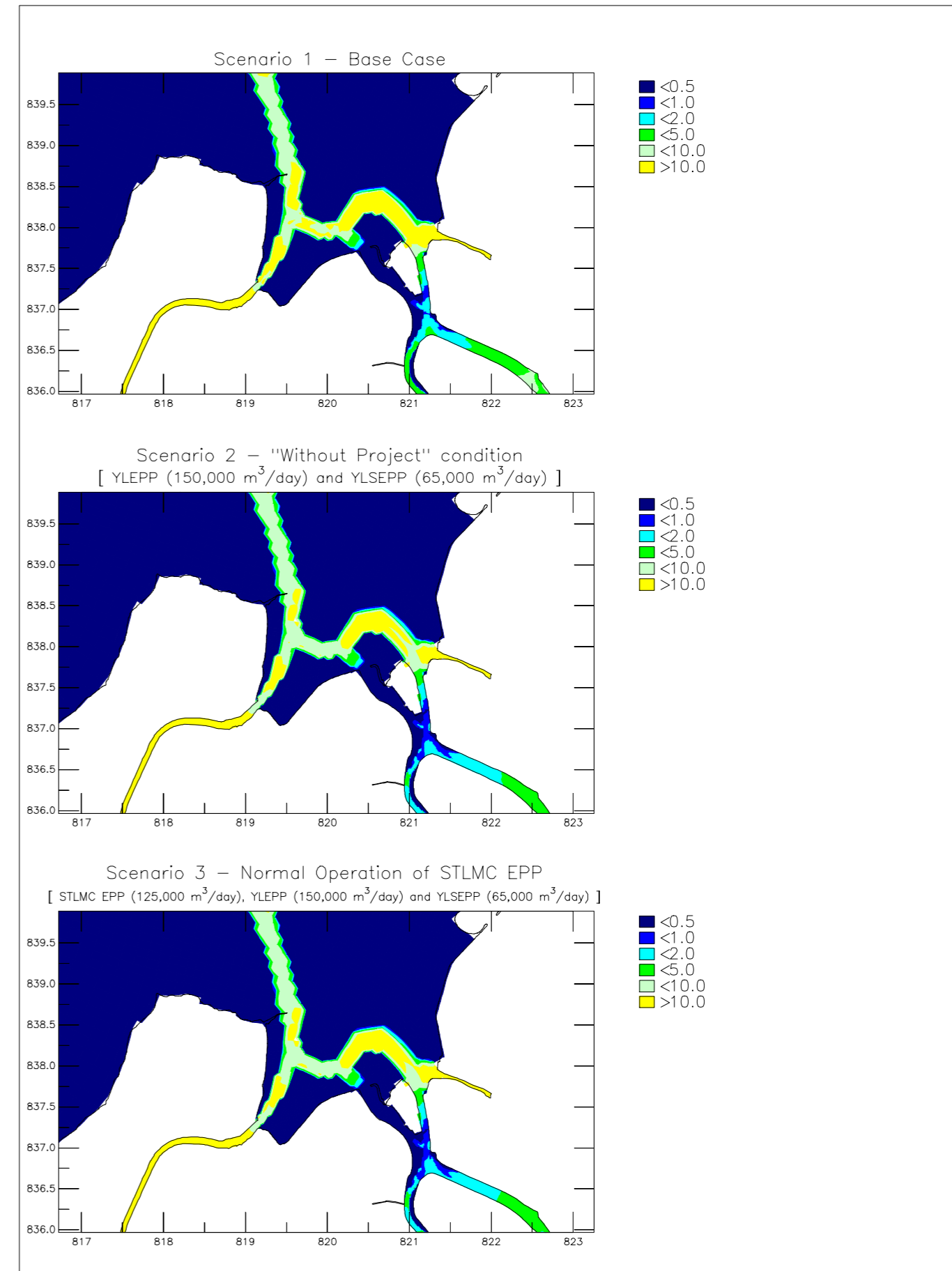
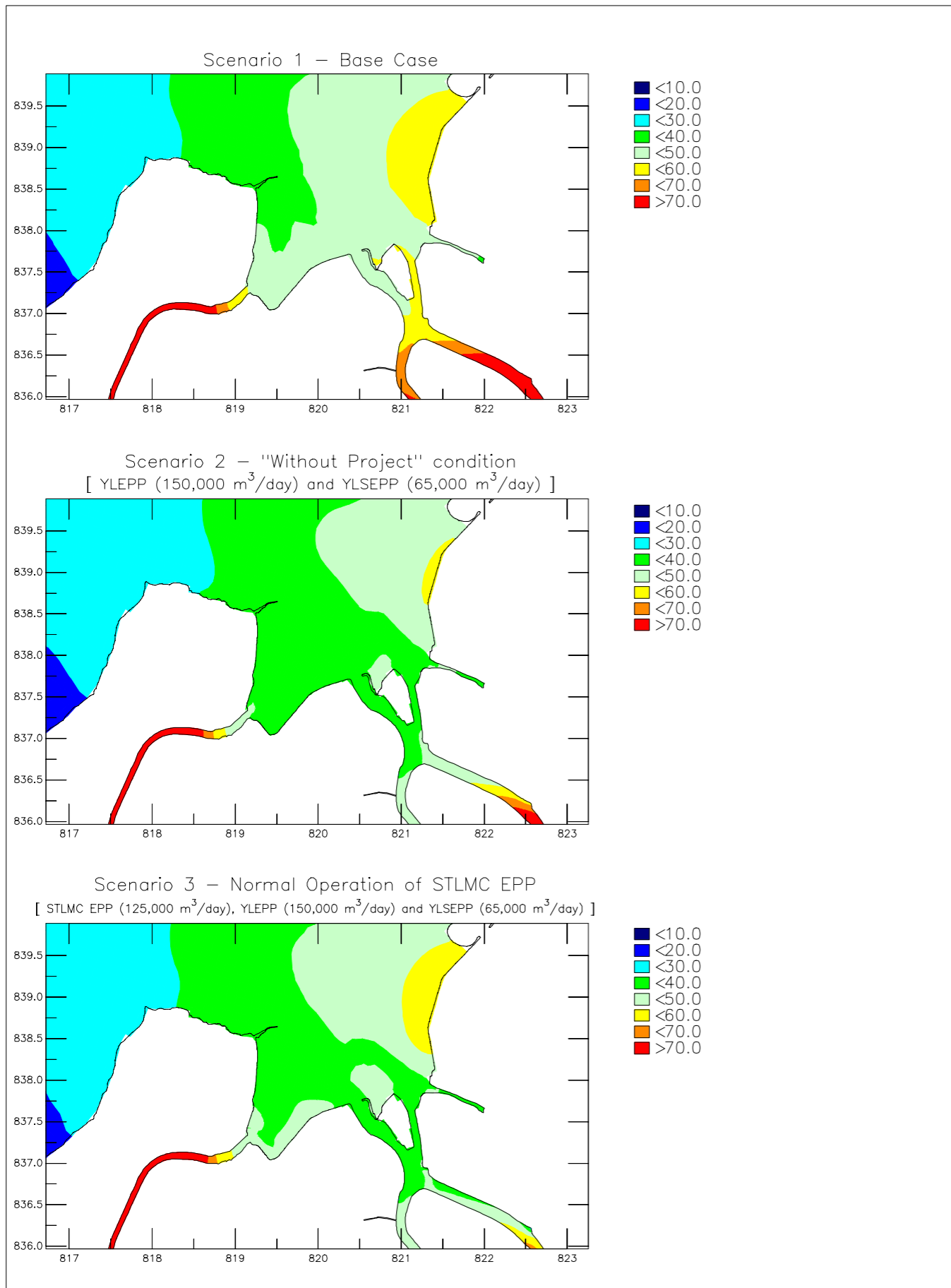
Agreement No. CE 20/2021 (CE)		Wet Season	
First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation			
Mean Depth Averaged Total Nitrogen (mg/L)		Appendix 5.4 – 16	
Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)			
AECOM		/GPP	OpWQ-w.ssn



Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Wet Season
Mean Depth Averaged Total Phosphorus (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 17
AECOM	/GPP	OpWQ-w.ssn

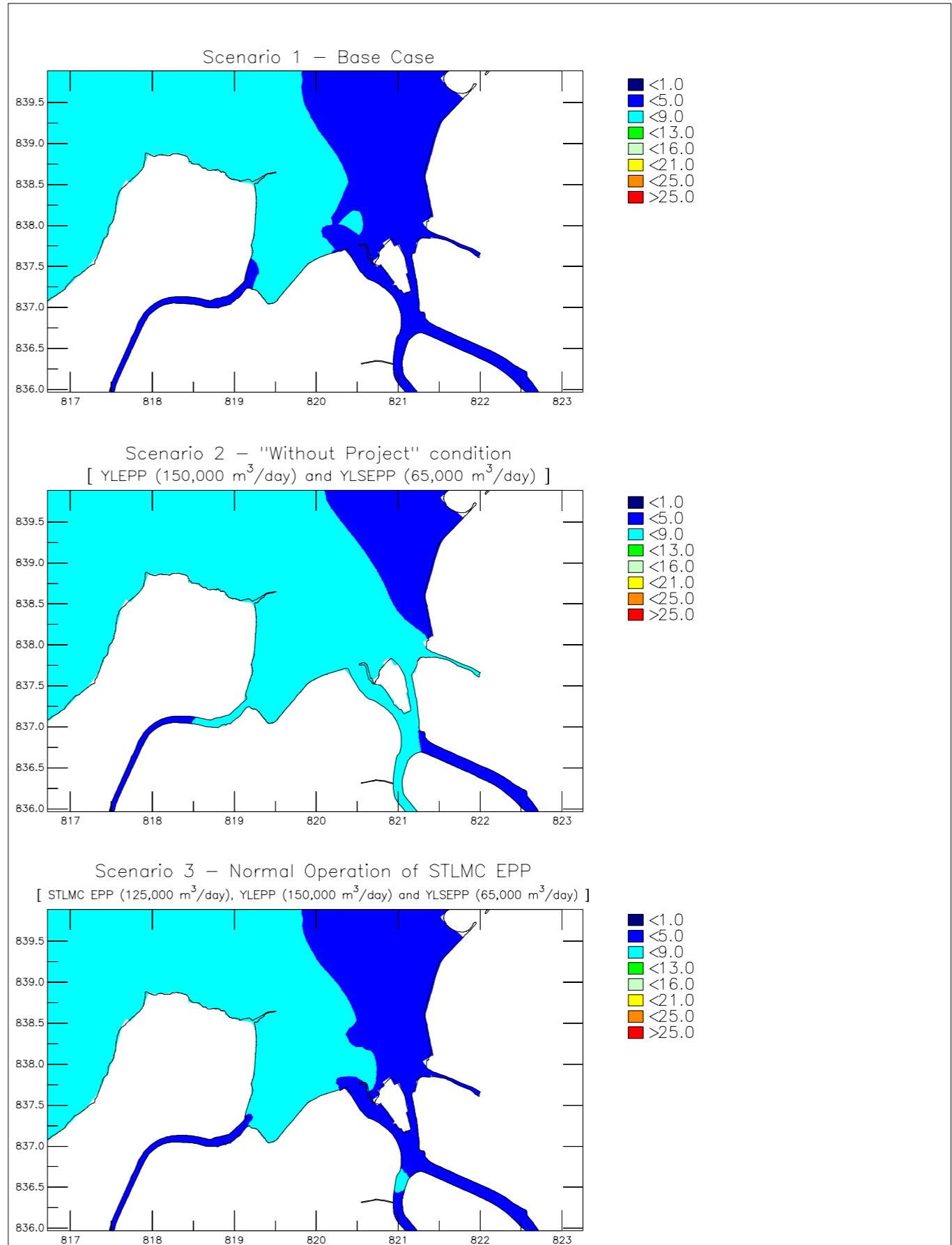
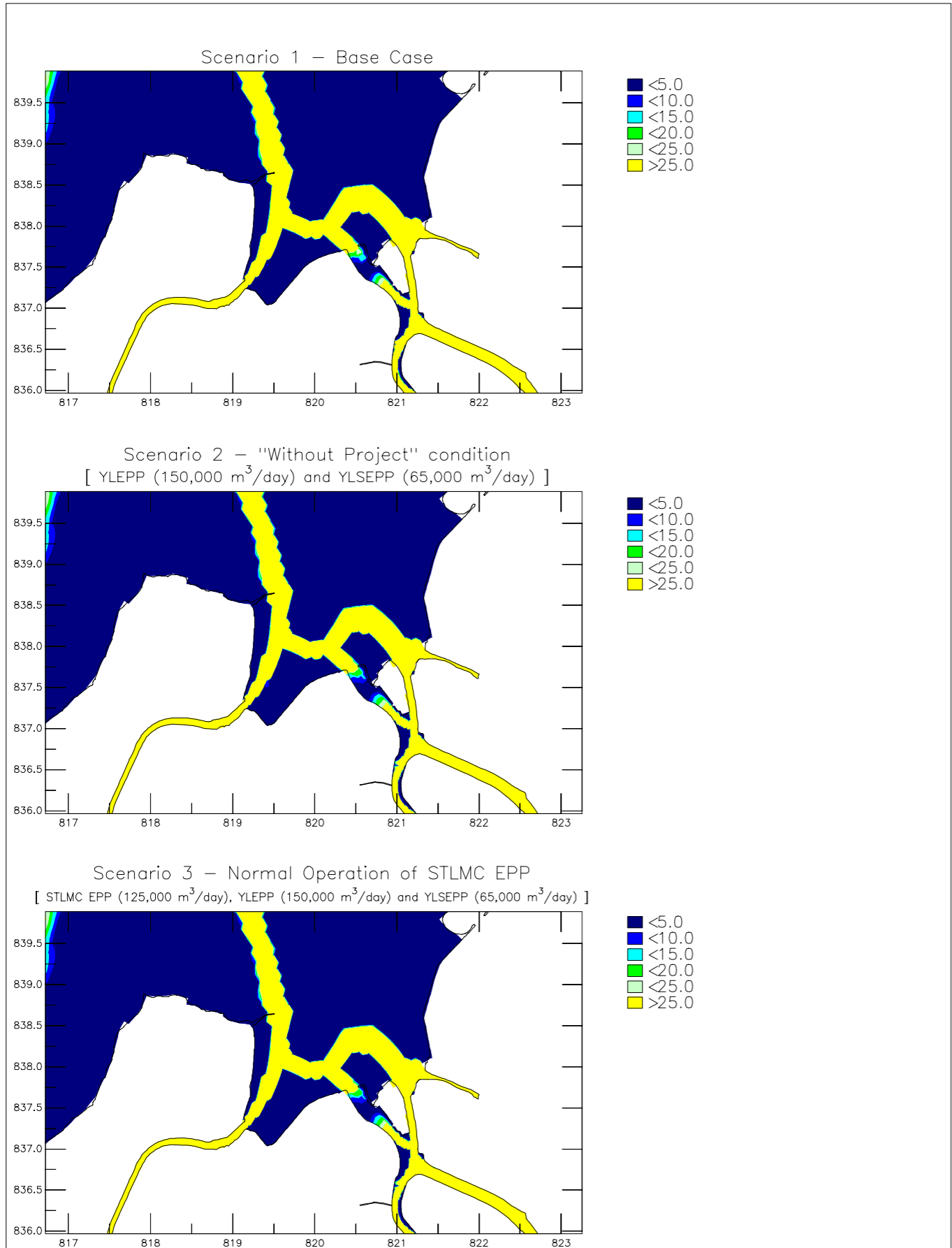


Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Wet Season
Geometric Mean Depth Averaged E.coli (no./100mL) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 18
AECOM	/GPP	OpWQ-w.ssn



Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Wet Season
Mean Depth Averaged Suspended Solids (mg/L) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 19
AECOM	/GPP	OpWQ-w.ssn

Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Wet Season
Mean Sedimentation Rate (g/m ² /day) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLMC EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 20
AECOM	/GPP	OpWQ-w.ssn



Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Wet Season
Maximum Sedimentation Rate (g/m ² /day) Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 21
AECOM	/GPP	OpWQ-w.ssn

Agreement No. CE 20/2021 (CE) First Phase Development of The New Territories North – San Tin / Lok Ma Chau Development Node – Investigation		Wet Season
Mean Depth Averaged Salinity Upper: Scenario 1 – "Base Case" Scenario; Middle: Scenario 2 – "Without Project" condition; Lower: Scenario 3 – Normal Operation of STLME EPP (with 125,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 22
AECOM	/GPP	OpWQ-w.ssn