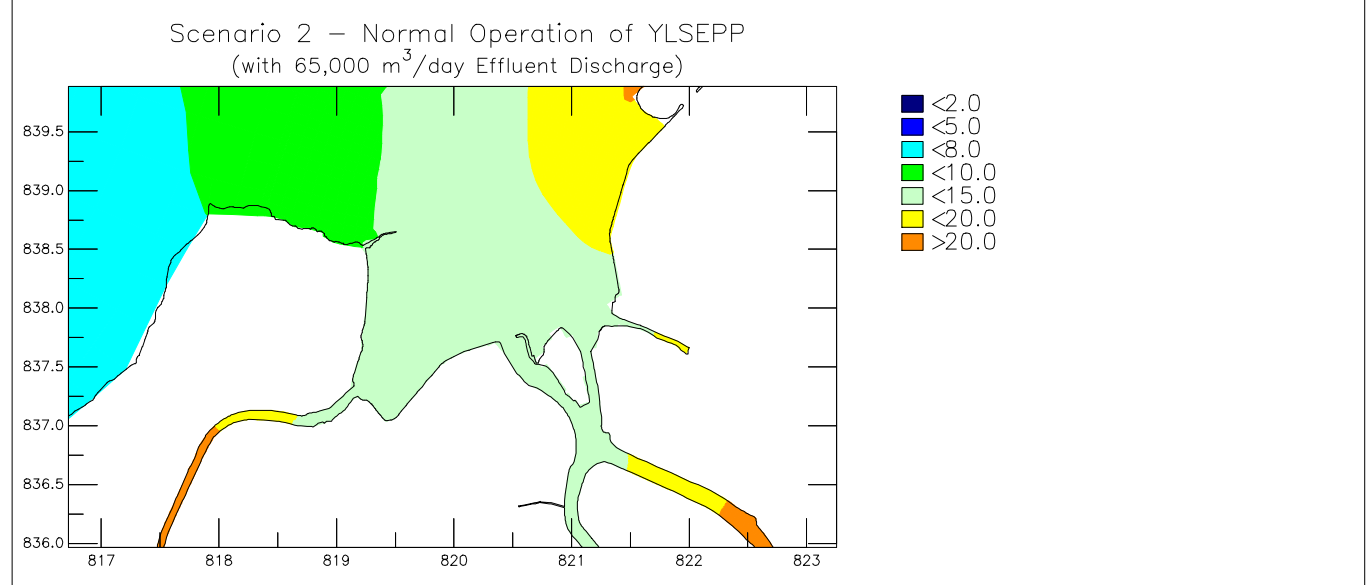
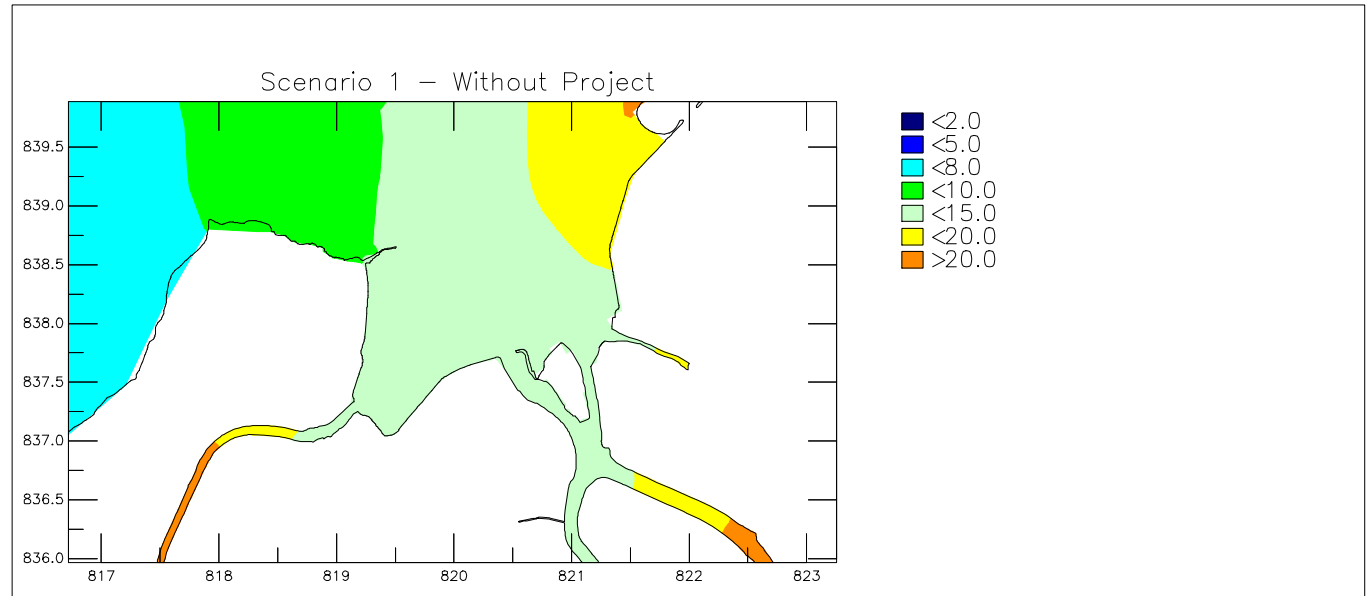
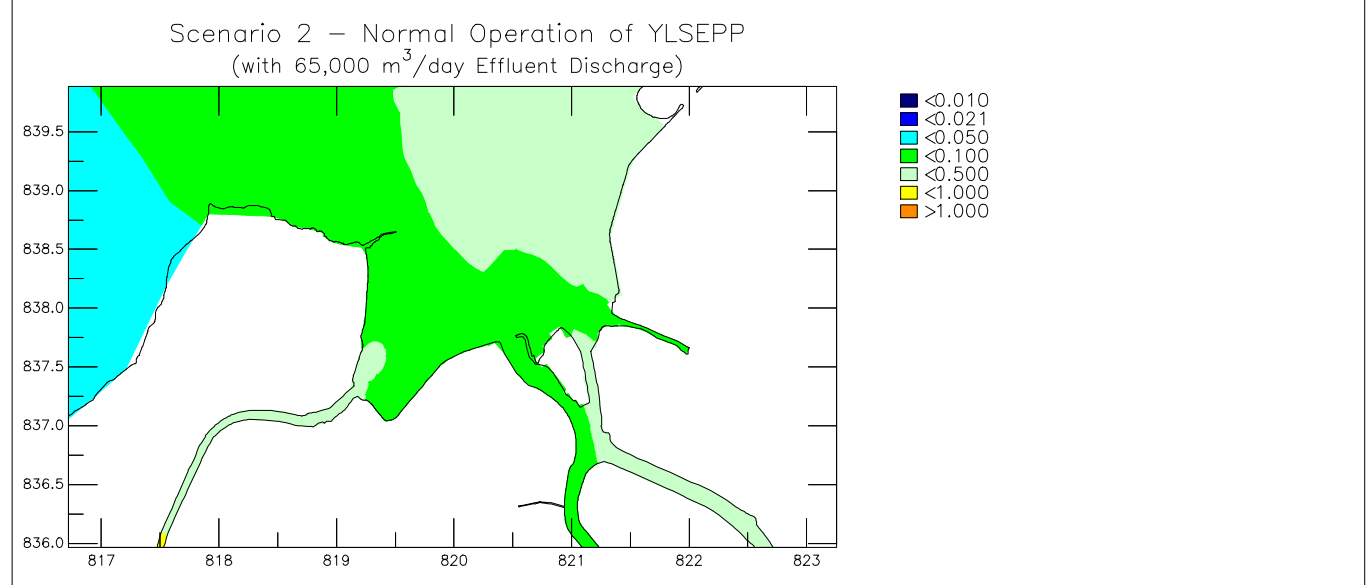
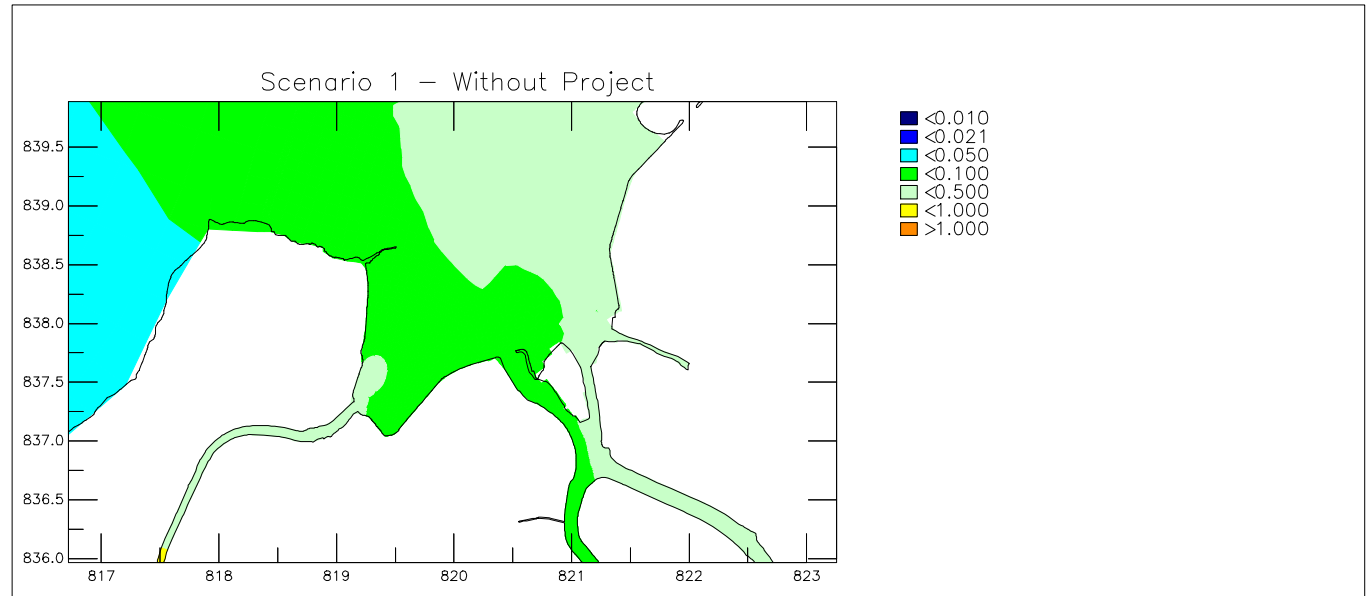
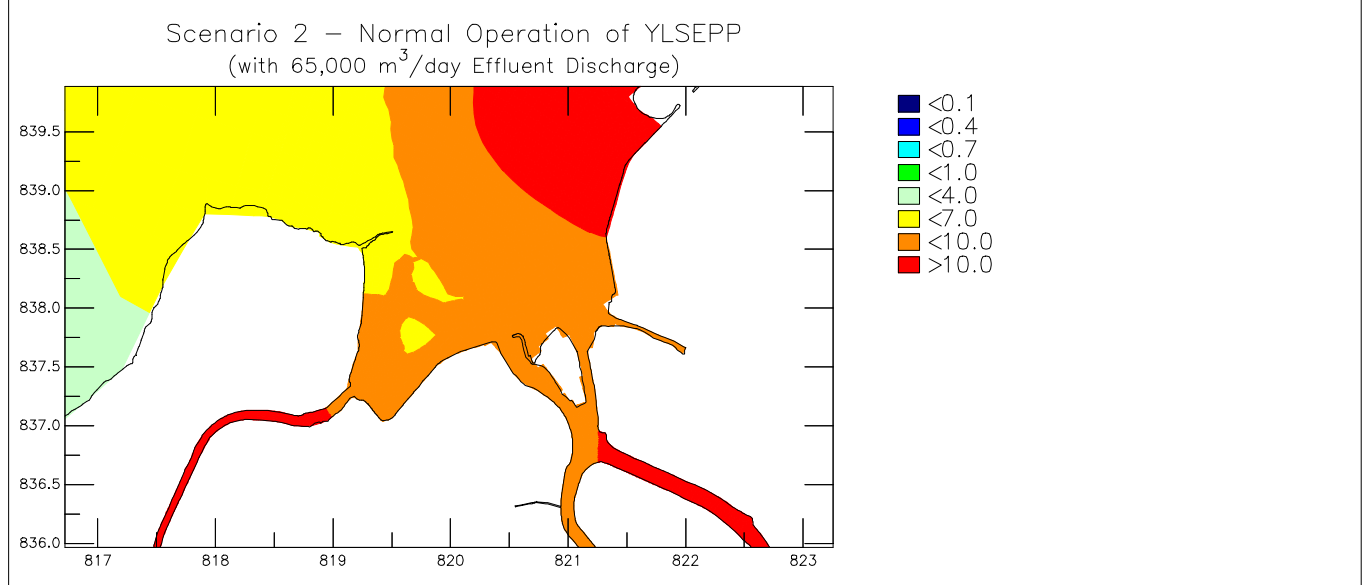
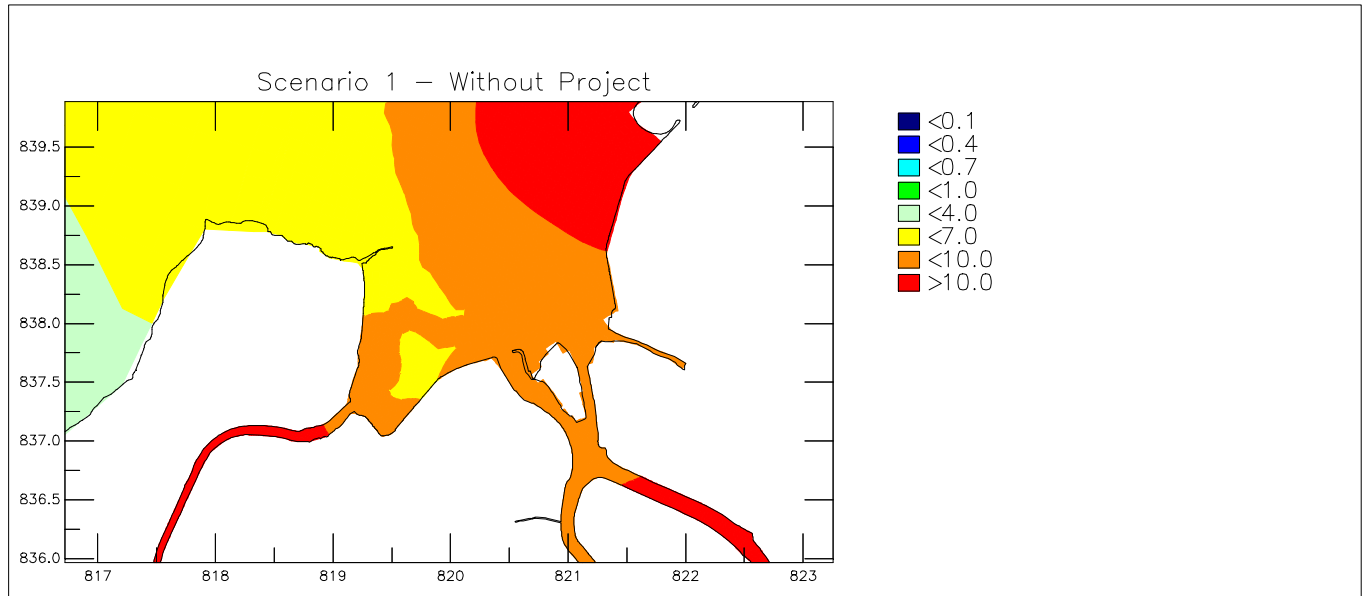


Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
10 Percentile Depth Averaged Dissolved Oxygen (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 01
AECOM	/GPP	OpWQ-d.ssn

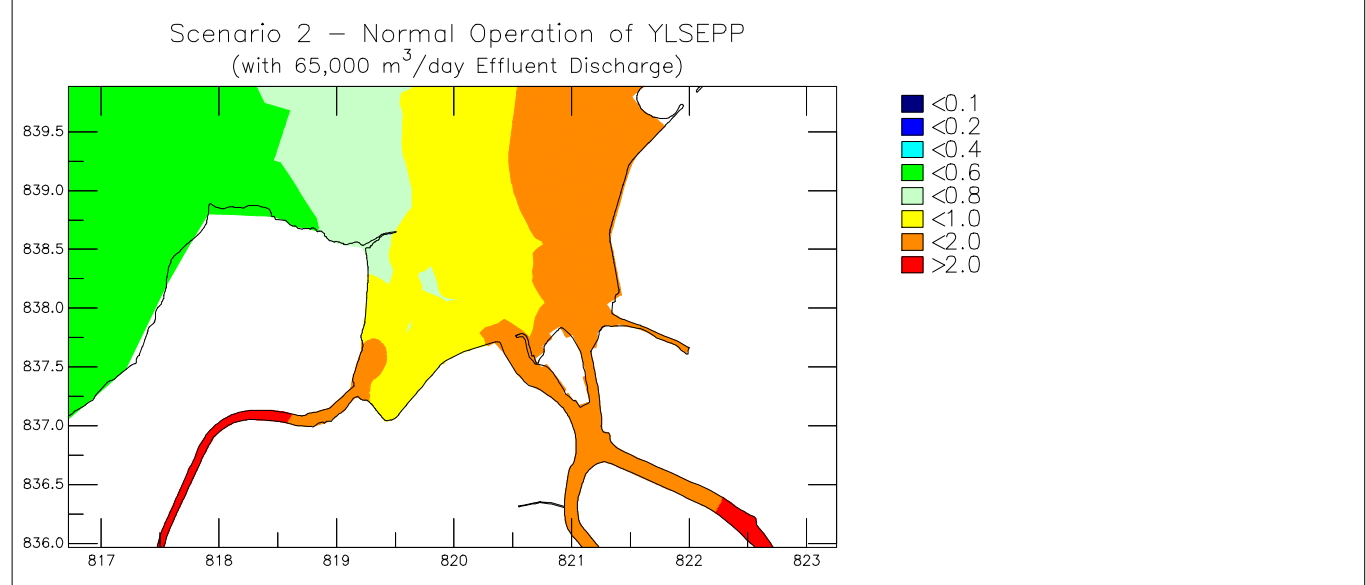
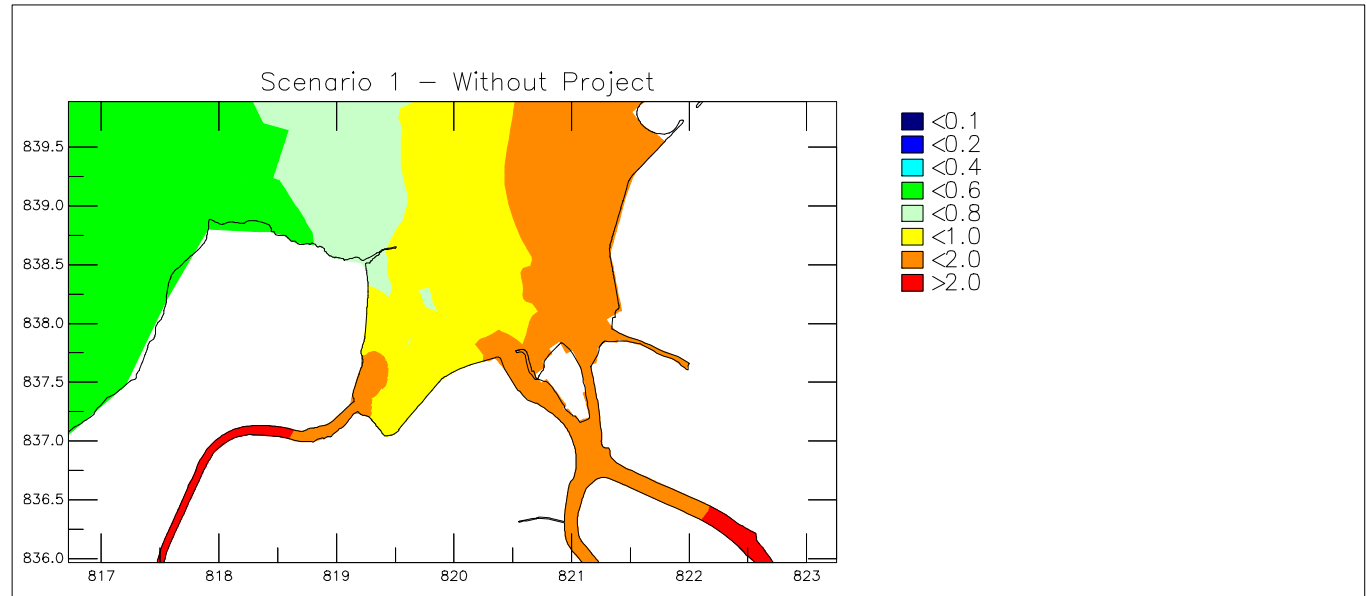
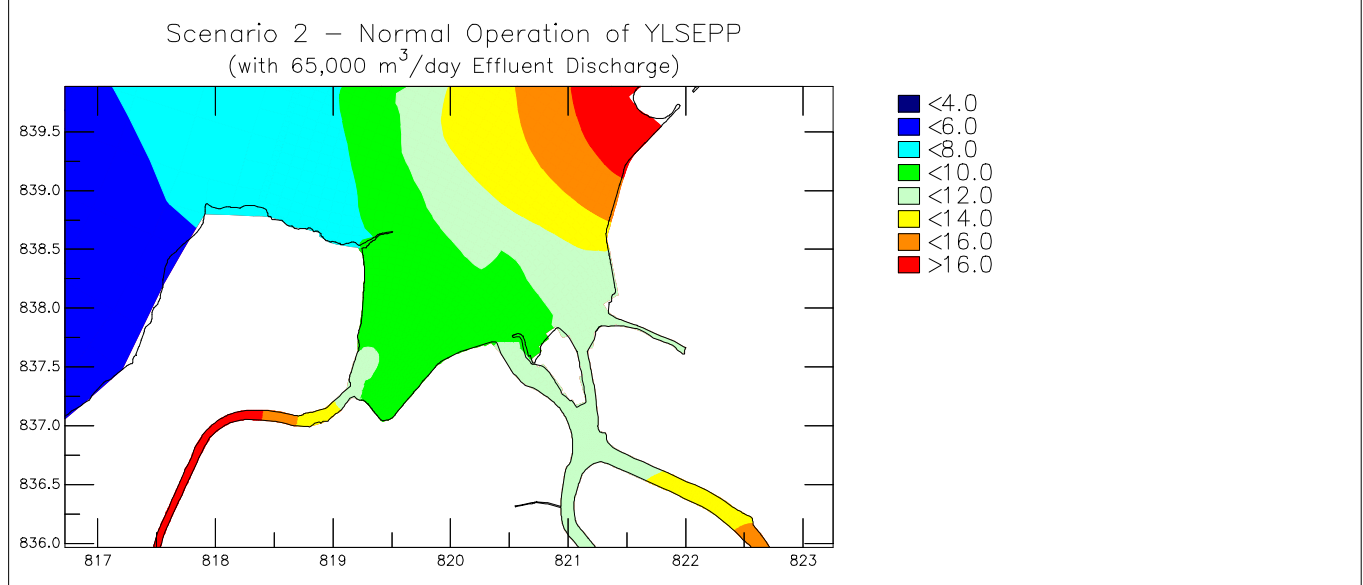
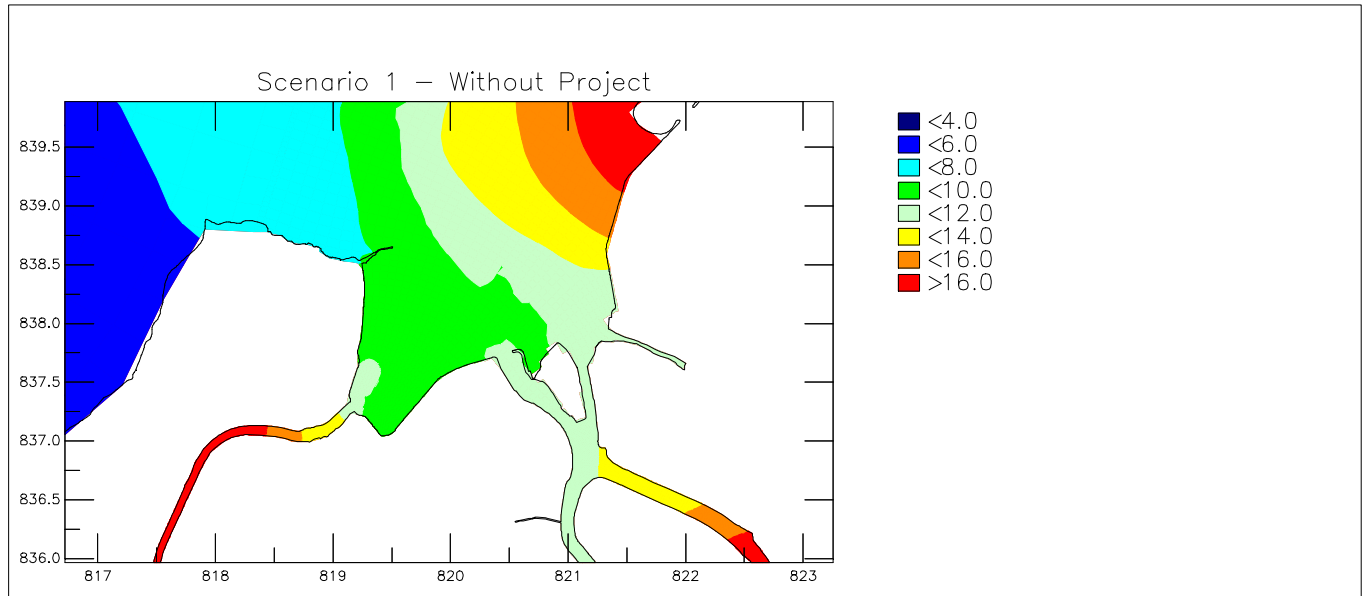


Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Mean Depth Averaged 5-Day Biochemical Oxygen Demand (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 02
AECOM	/GPP	OpWQ-d.ssn



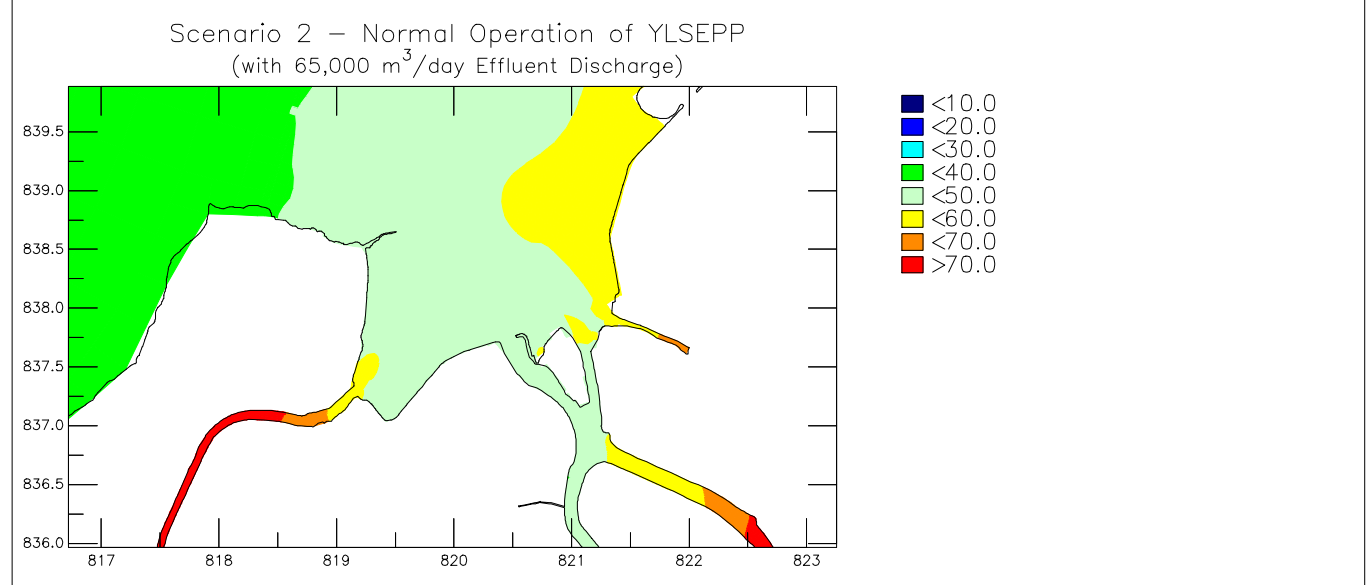
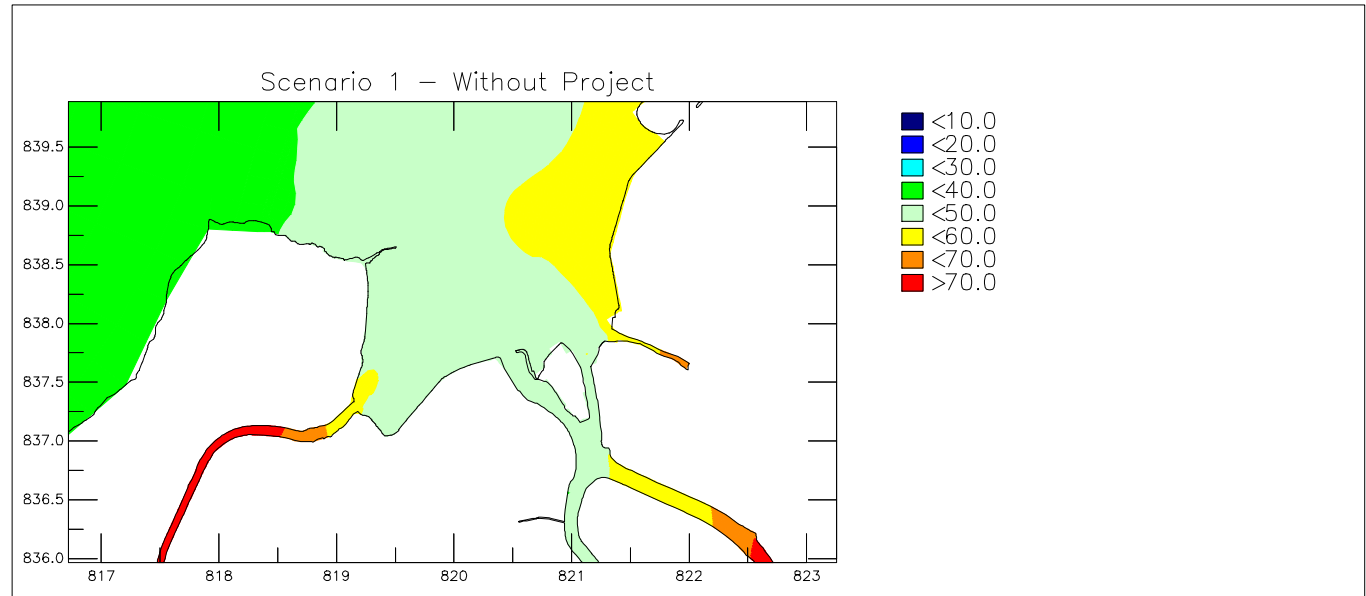
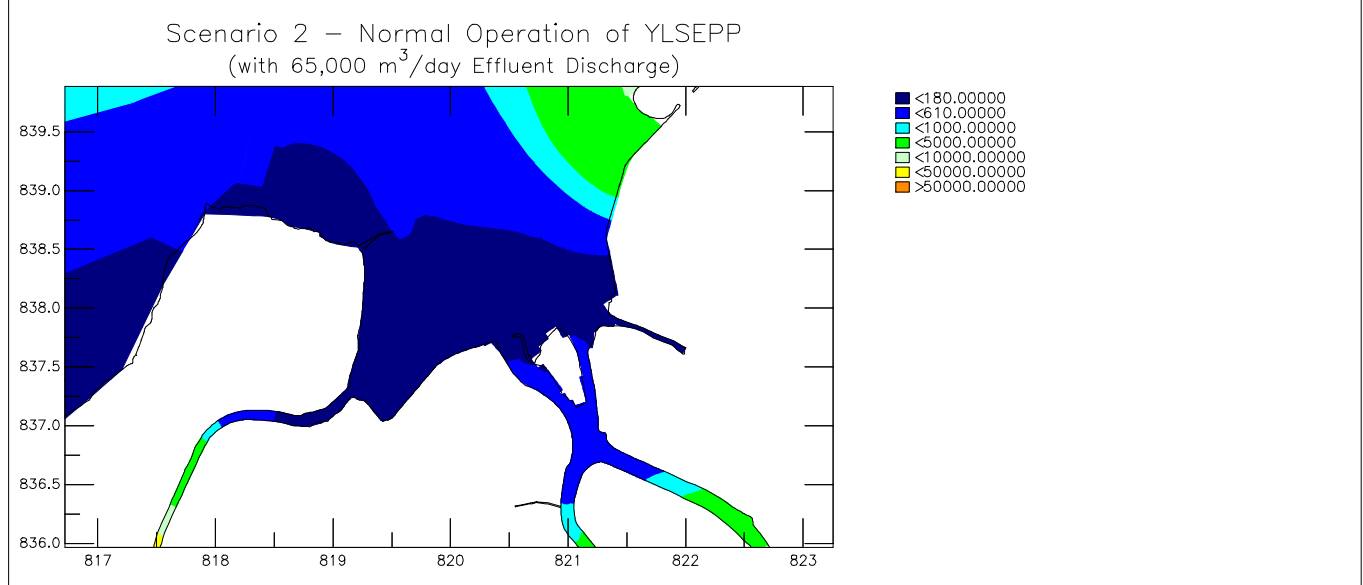
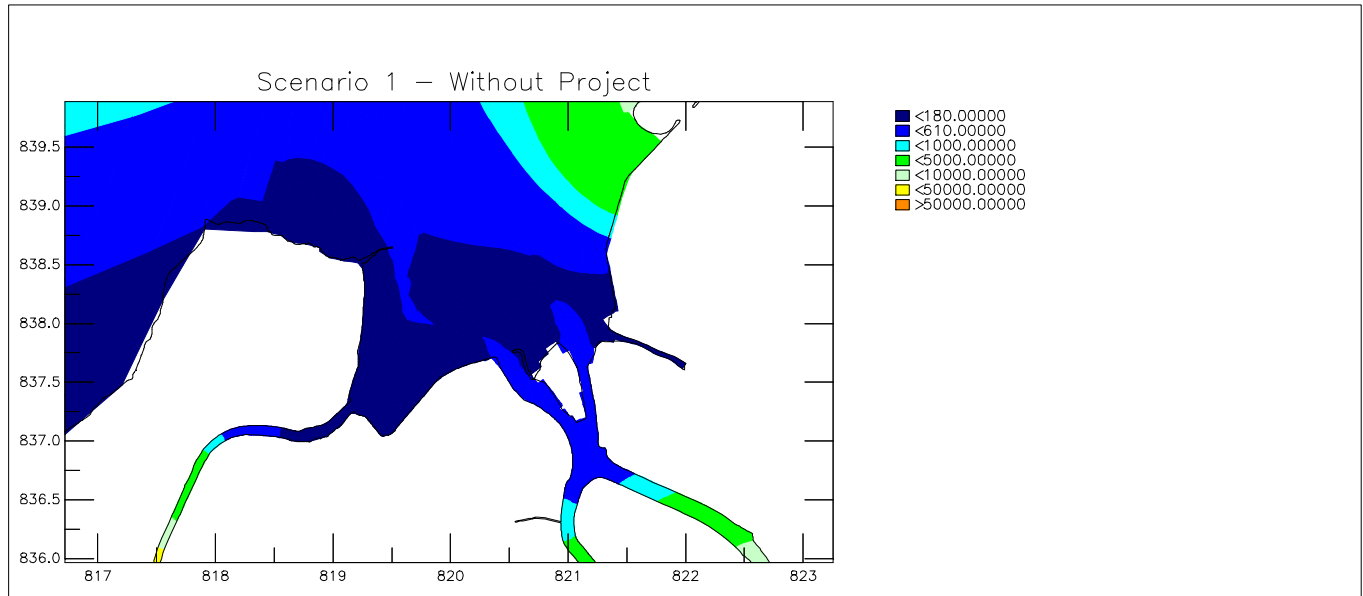
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Mean Depth Averaged Total Inorganic Nitrogen (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 03
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Mean Depth Averaged Unionised Ammonia (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 04
AECOM	/GPP	OpWQ-d.ssn



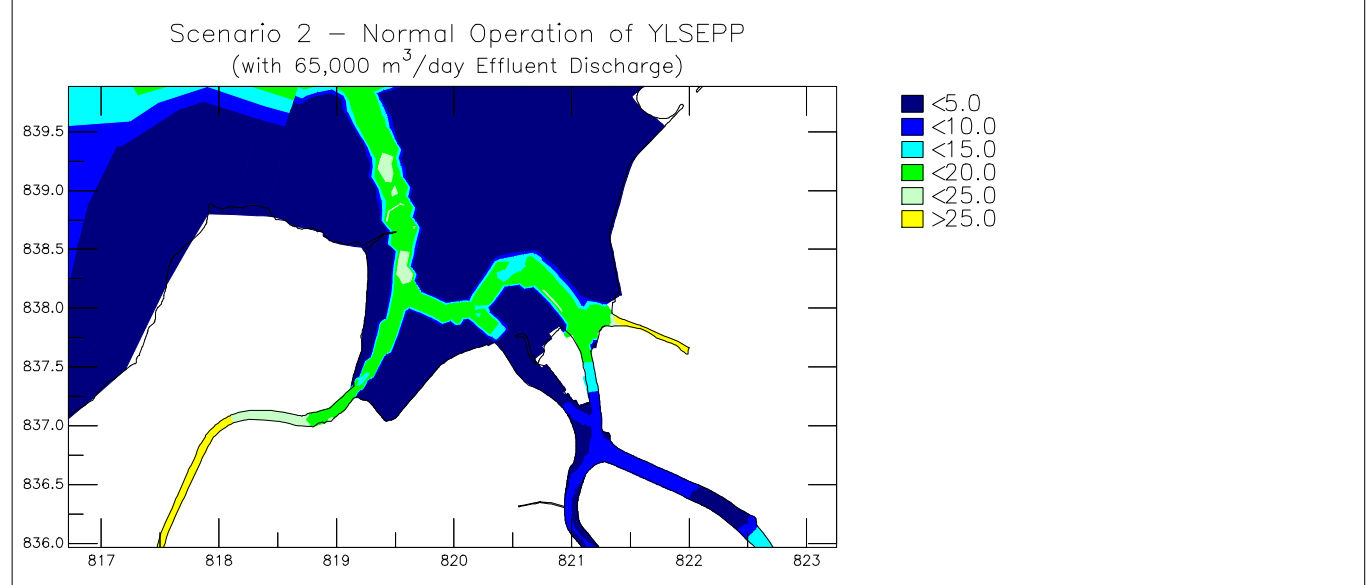
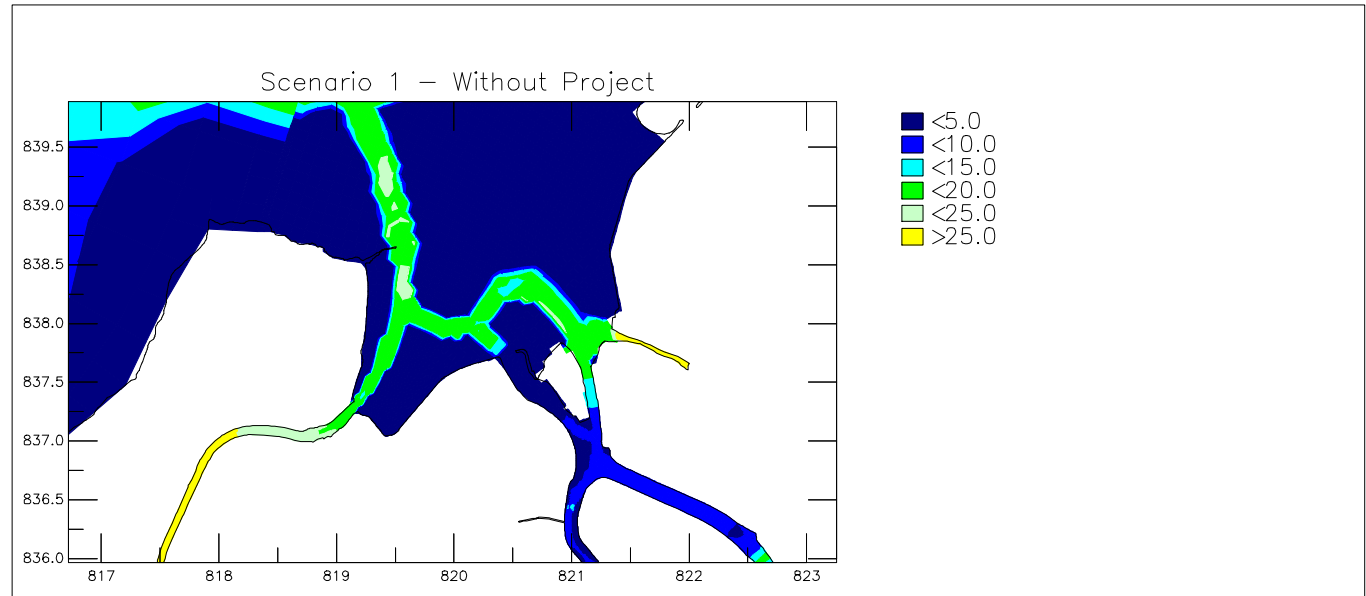
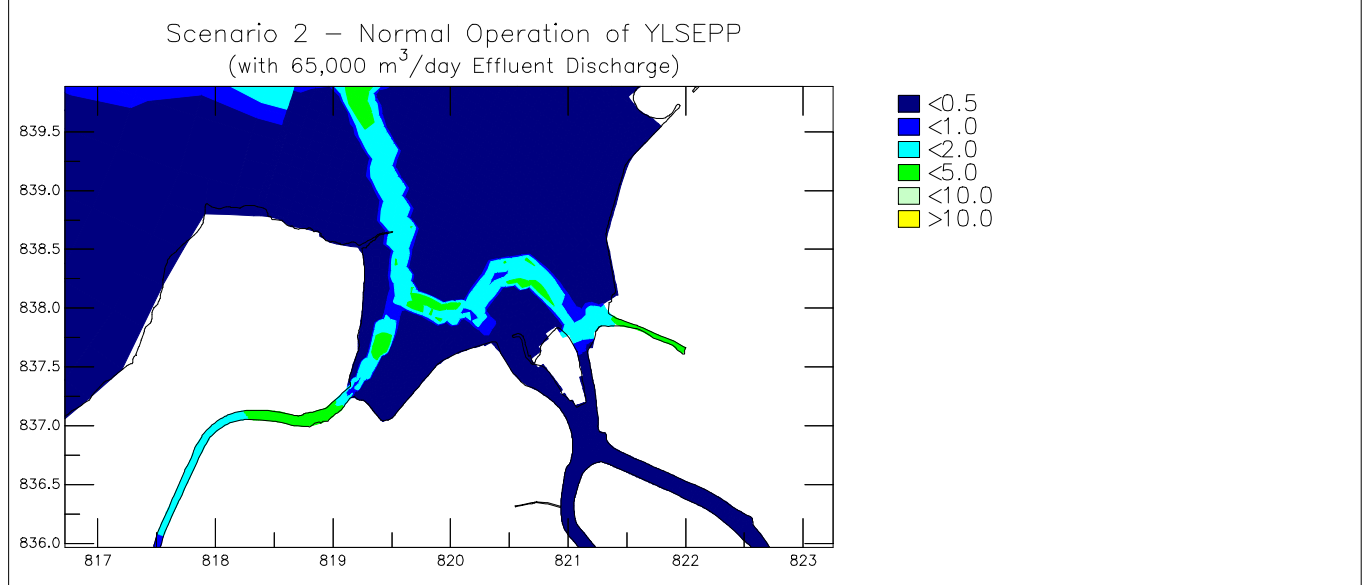
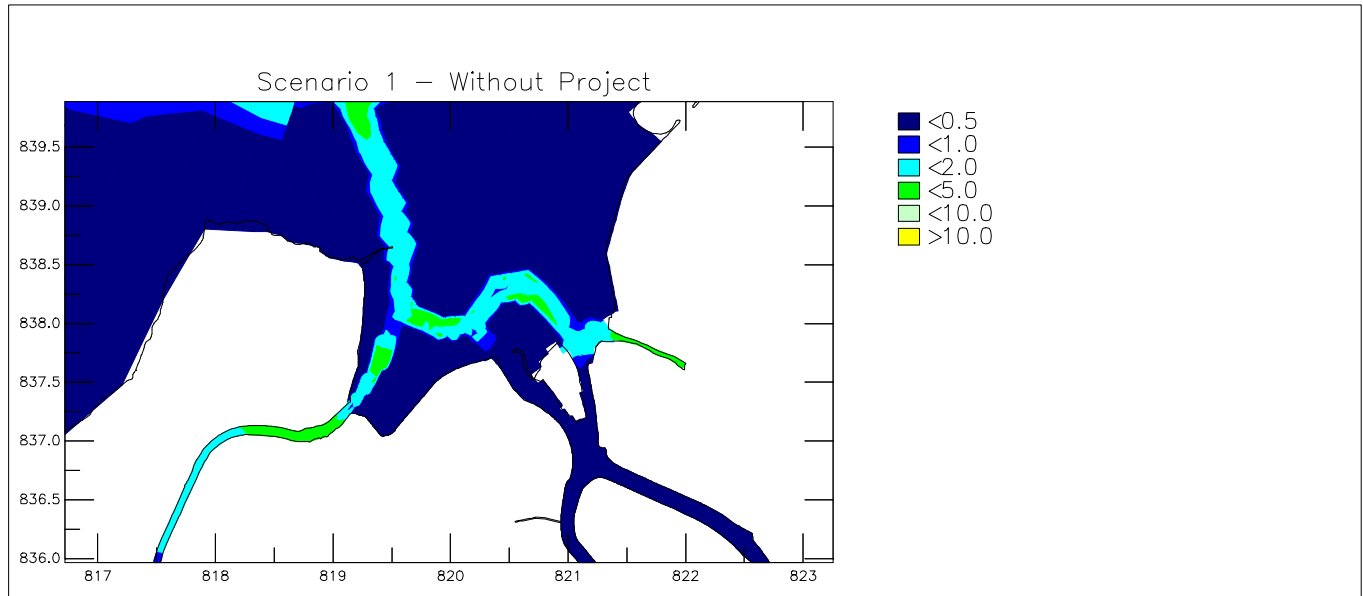
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Mean Depth Averaged Total Nitrogen (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 05
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Mean Depth Averaged Total Phosphorus (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 06
AECOM	/GPP	OpWQ-d.ssn



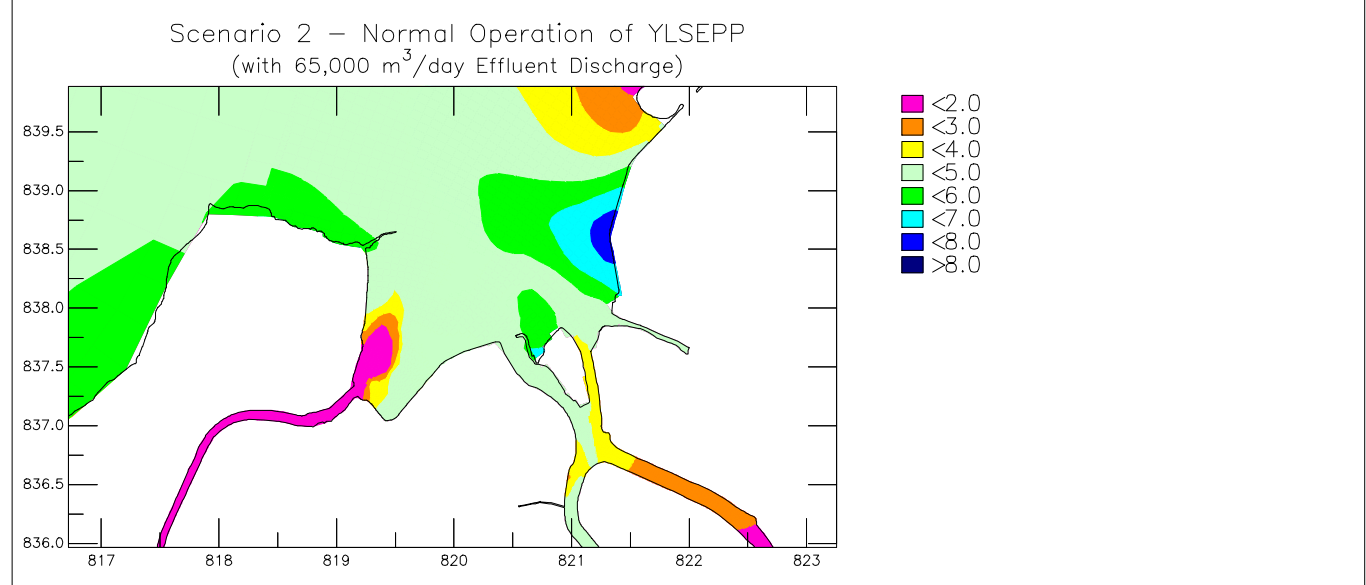
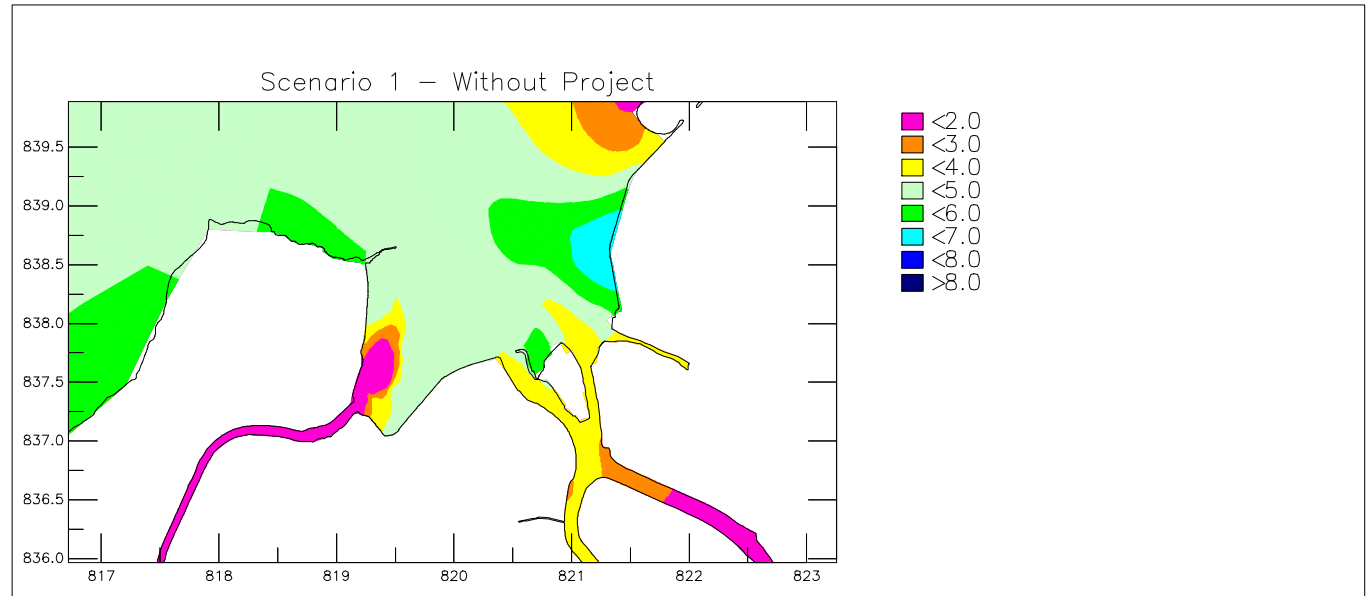
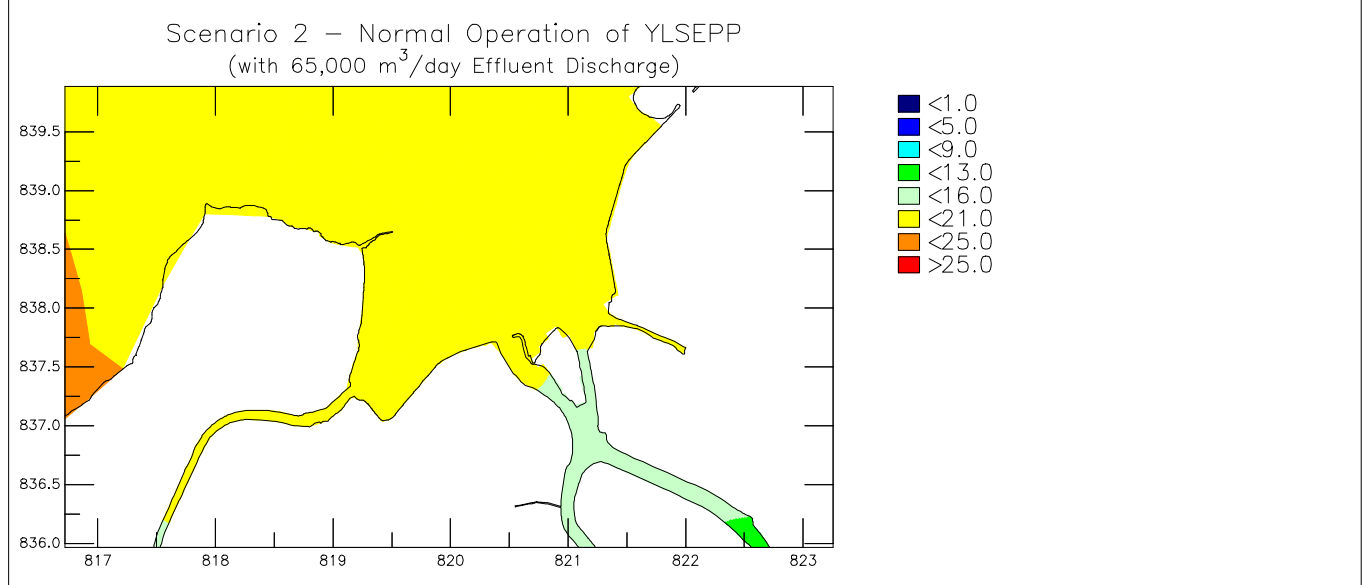
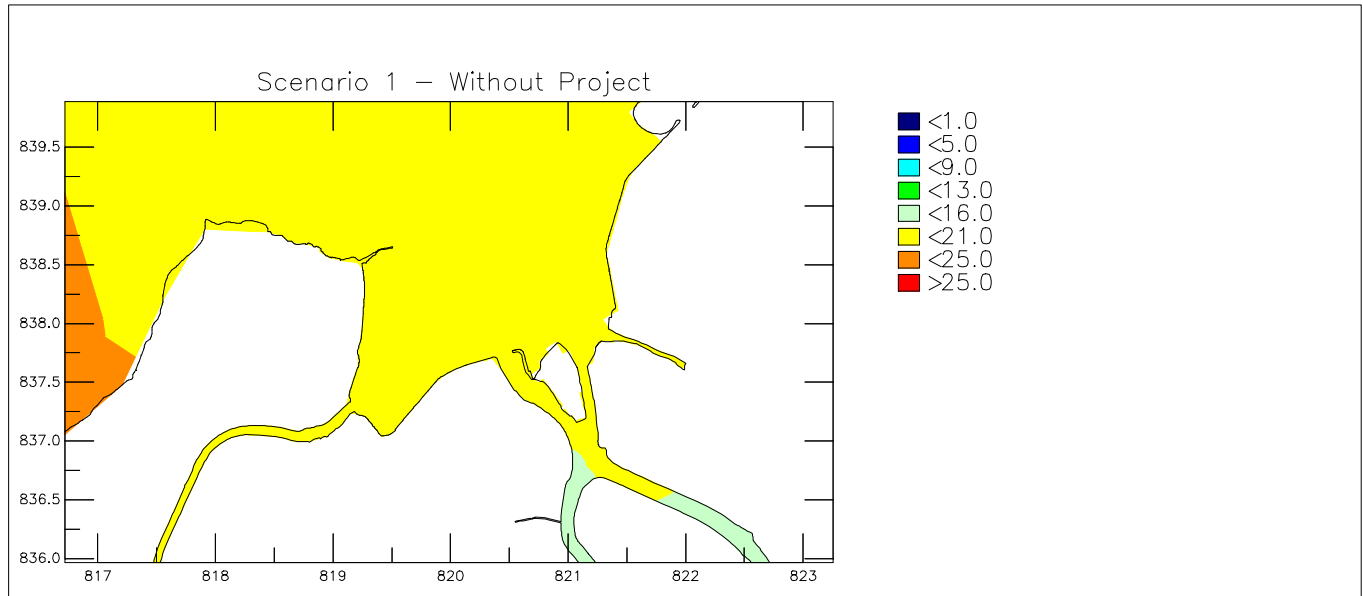
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Geometric Mean Depth Averaged E.coli (no./100mL) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 07
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Mean Depth Averaged Suspended Solids (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 08
AECOM	/GPP	OpWQ-d.ssn



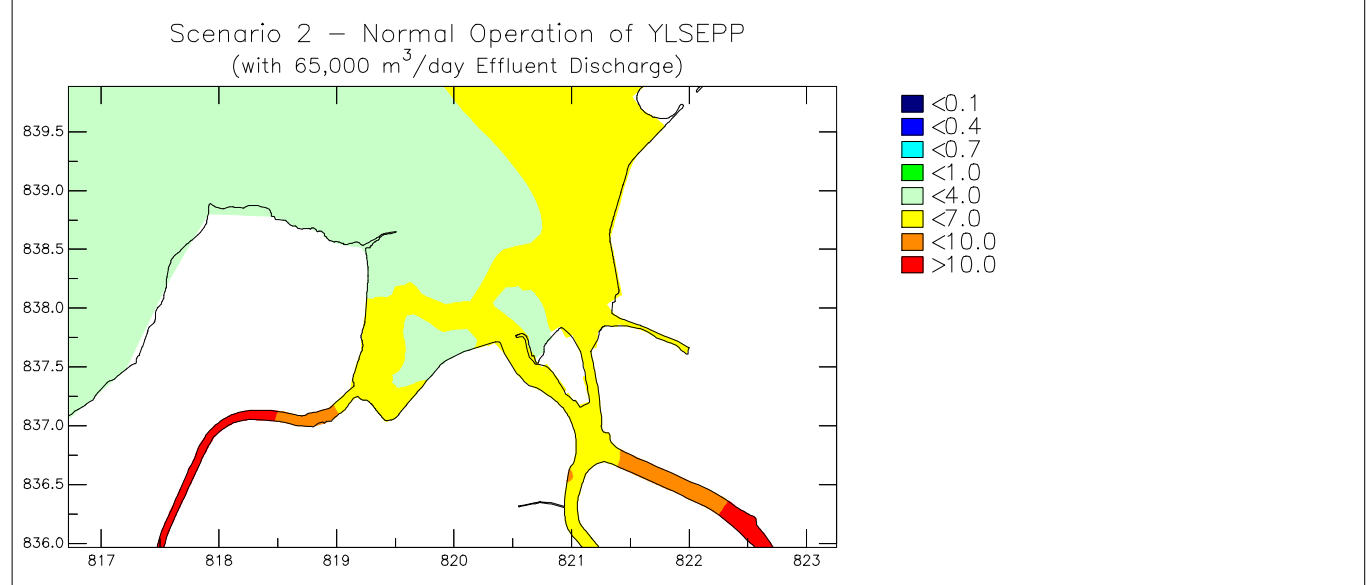
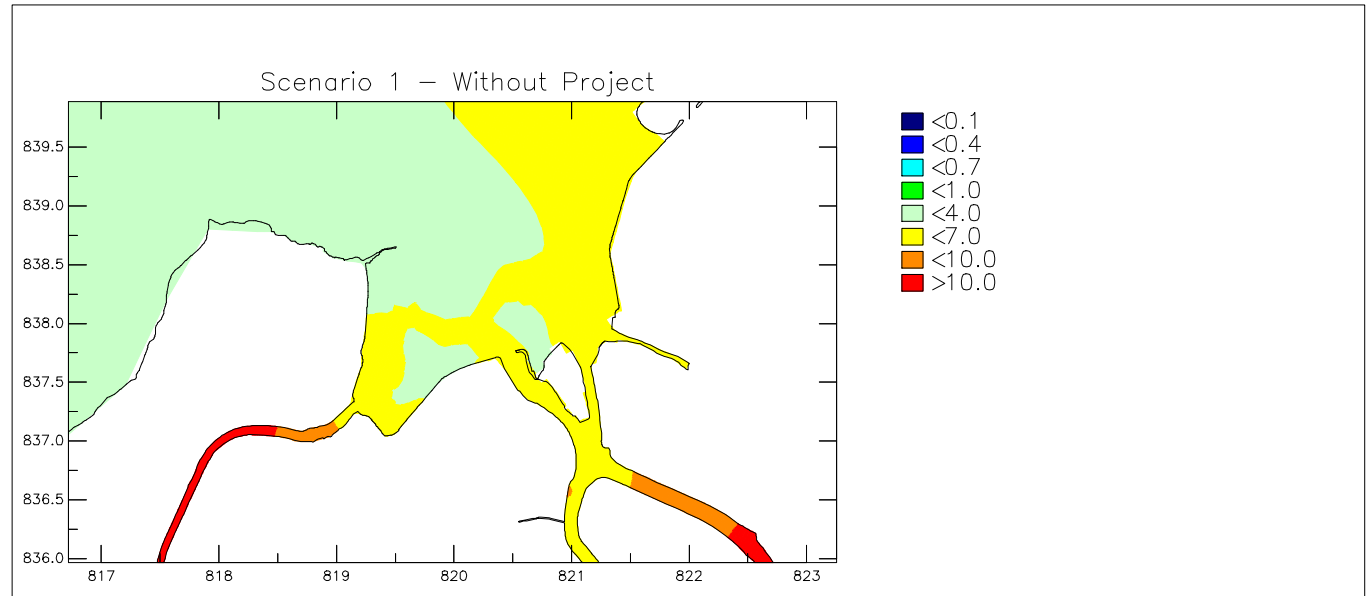
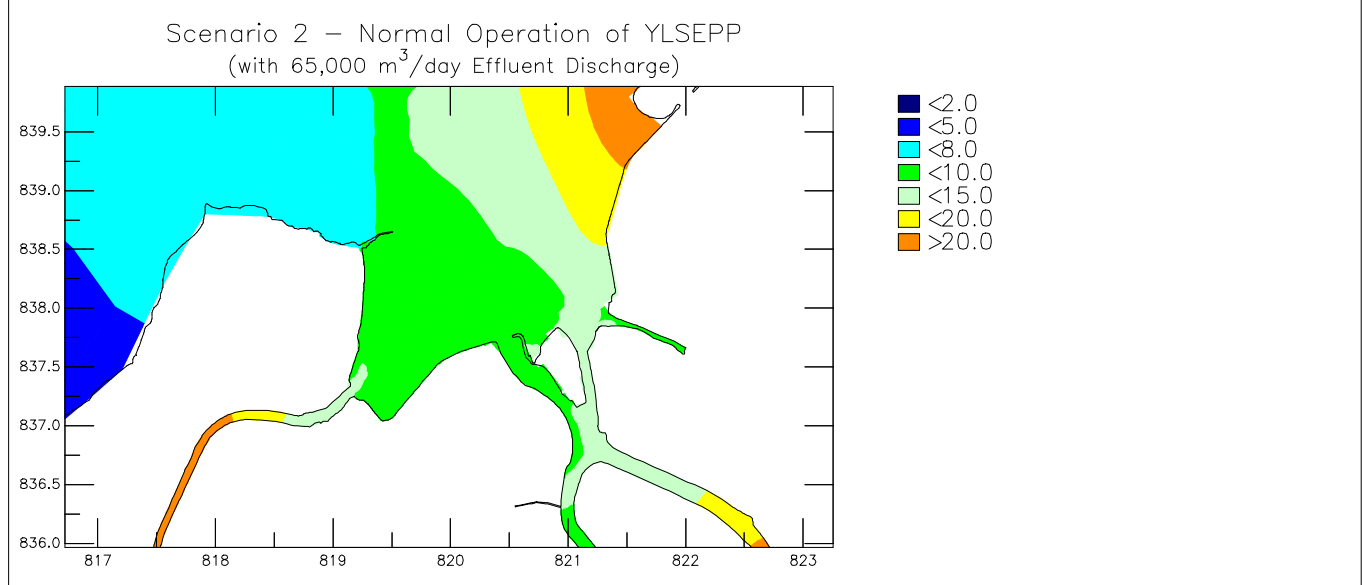
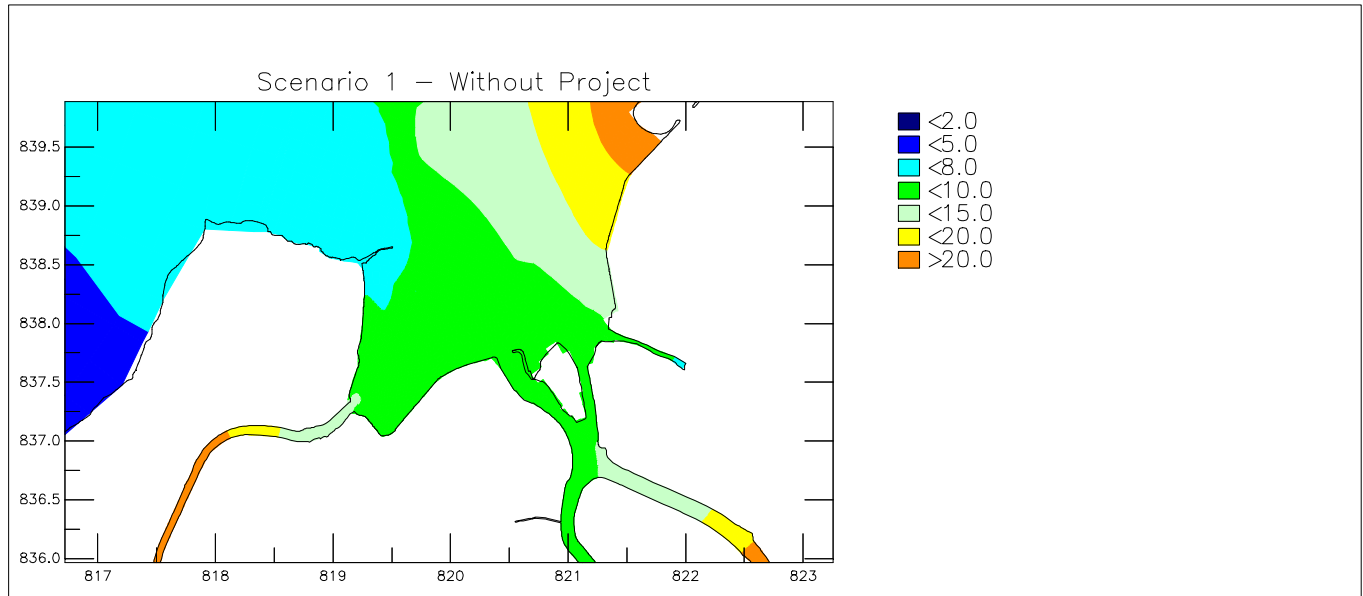
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Mean Sedimentation Rate ($\text{g}/\text{m}^2/\text{day}$) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with $65,000 \text{ m}^3/\text{day}$ Effluent Discharge)		Appendix 5.4 – 09
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Maximum Sedimentation Rate ($\text{g}/\text{m}^2/\text{day}$) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with $65,000 \text{ m}^3/\text{day}$ Effluent Discharge)		Appendix 5.4 – 10
AECOM	/GPP	OpWQ-d.ssn



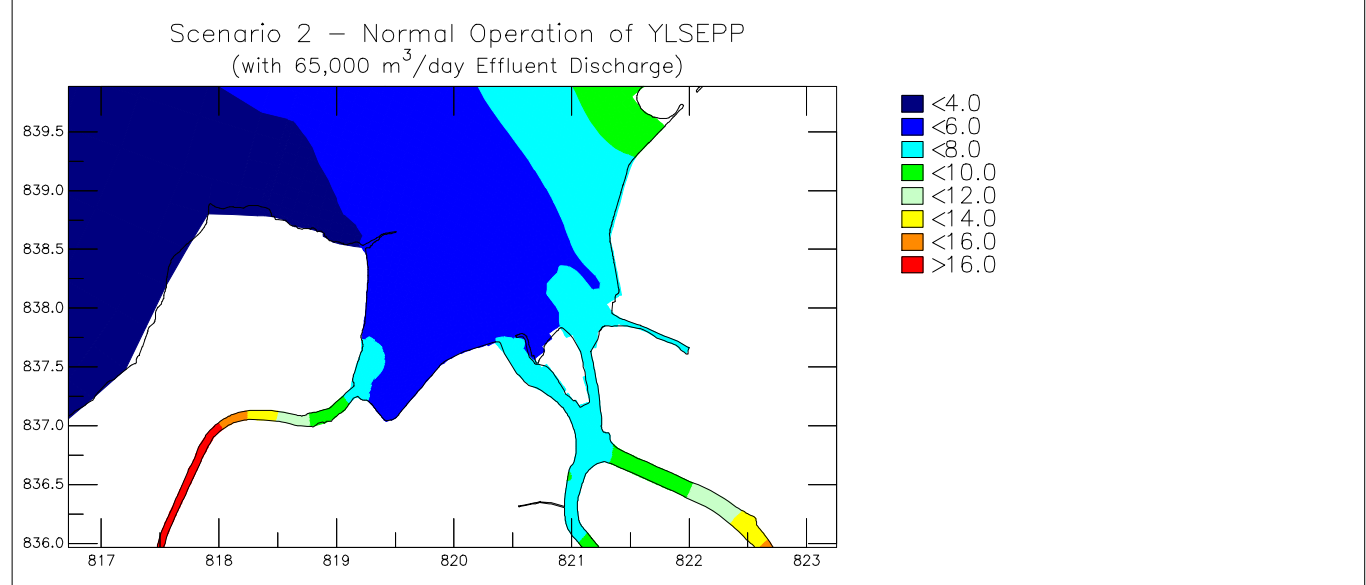
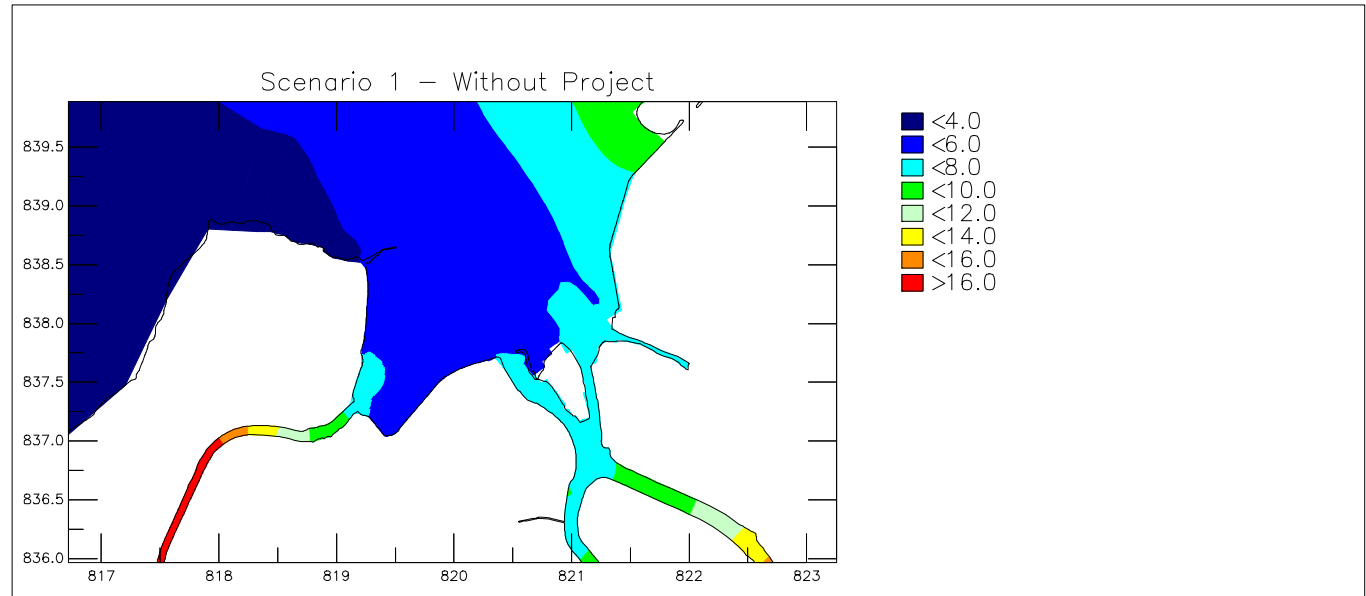
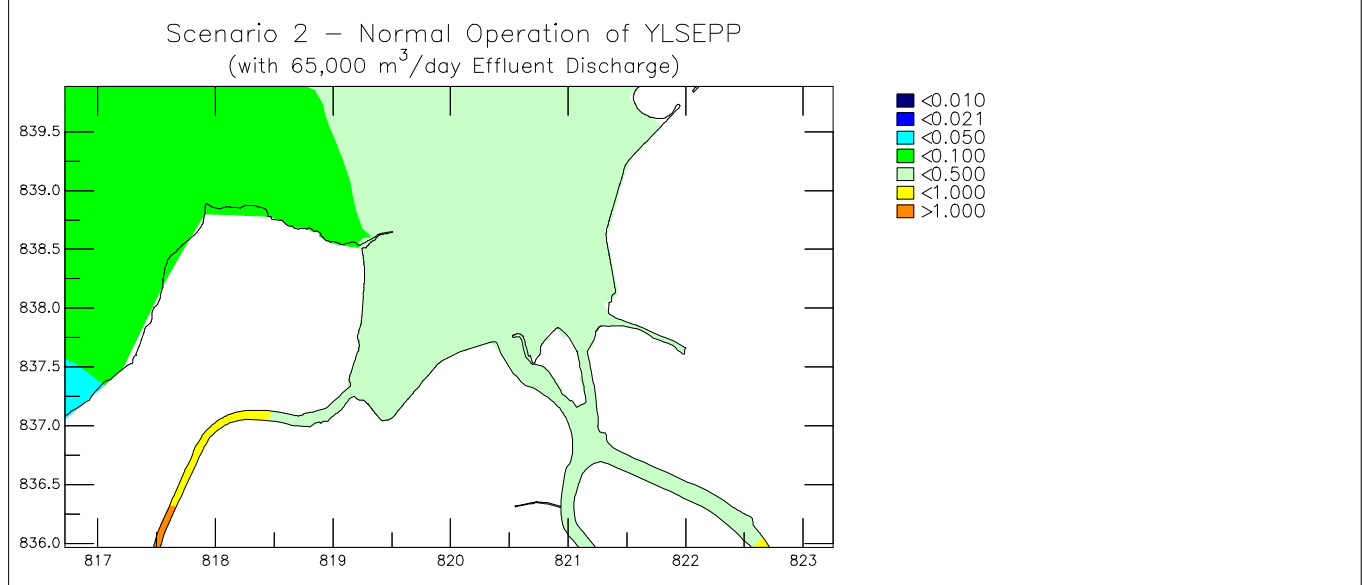
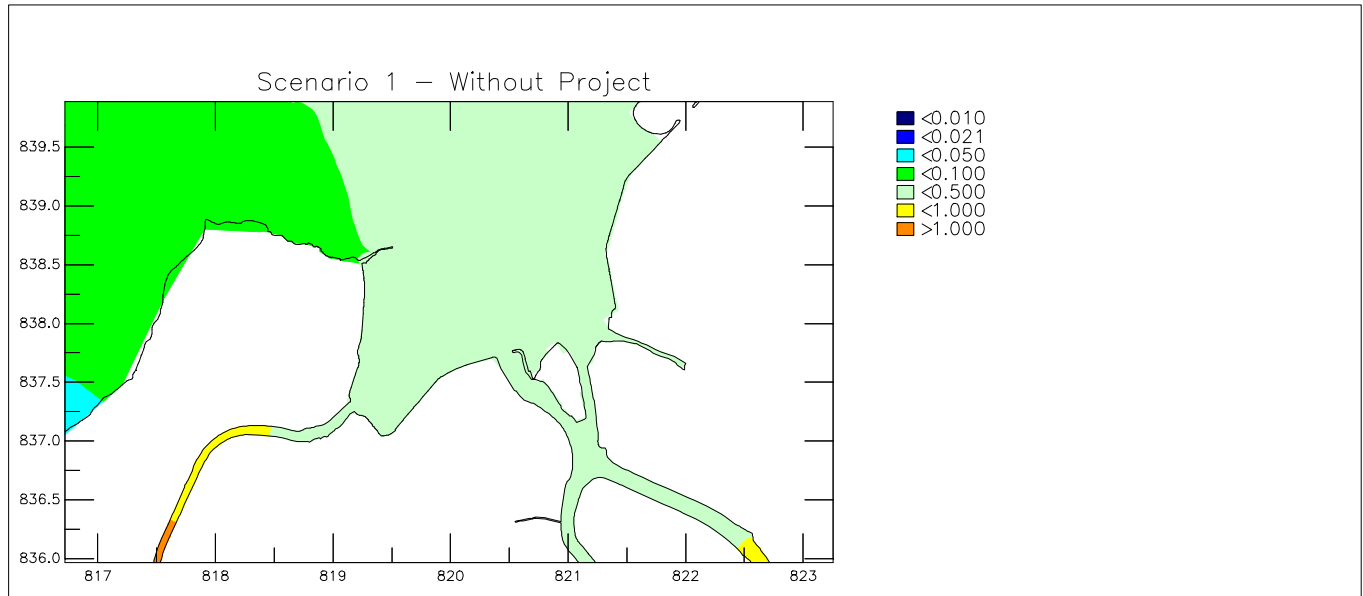
Agreement No. CE 6/2019 (DS)		
Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Dry Season
Mean Depth Averaged Salinity		Appendix 5.4 – 11
Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		
AECOM	/GPP	OpWQ-d.ssn

Agreement No. CE 6/2019 (DS)		
Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
10 Percentile Depth Averaged Dissolved Oxygen (mg/L)		Appendix 5.4 – 12
Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		
AECOM	/GPP	OpWQ-w.ssn



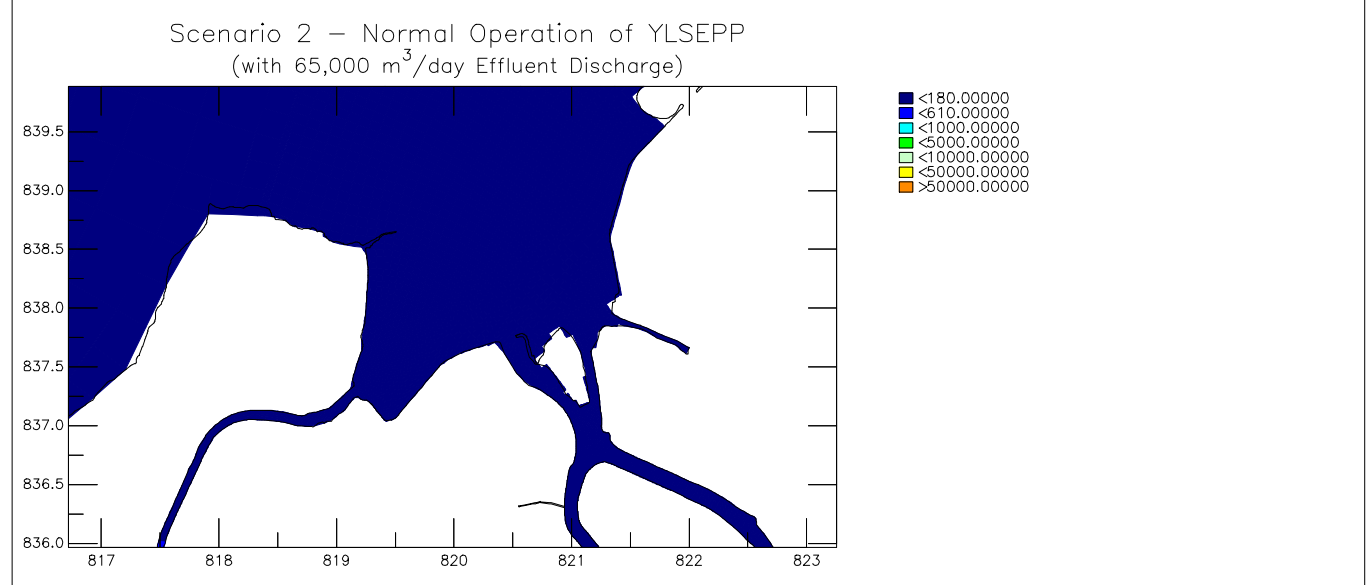
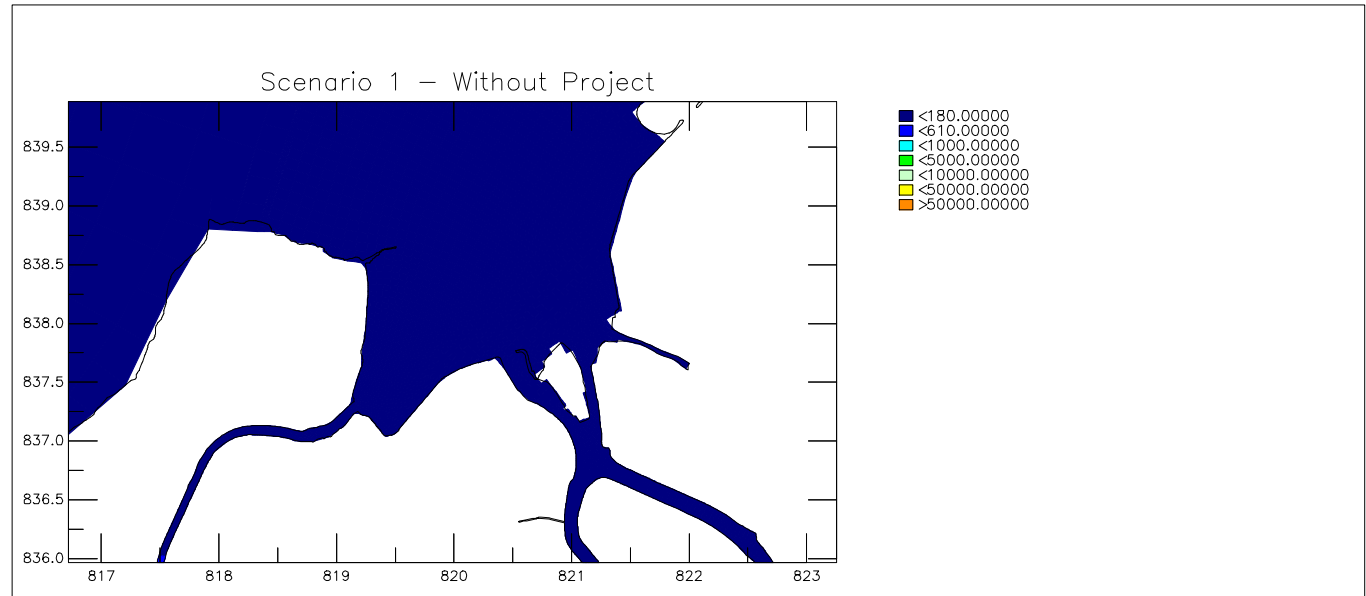
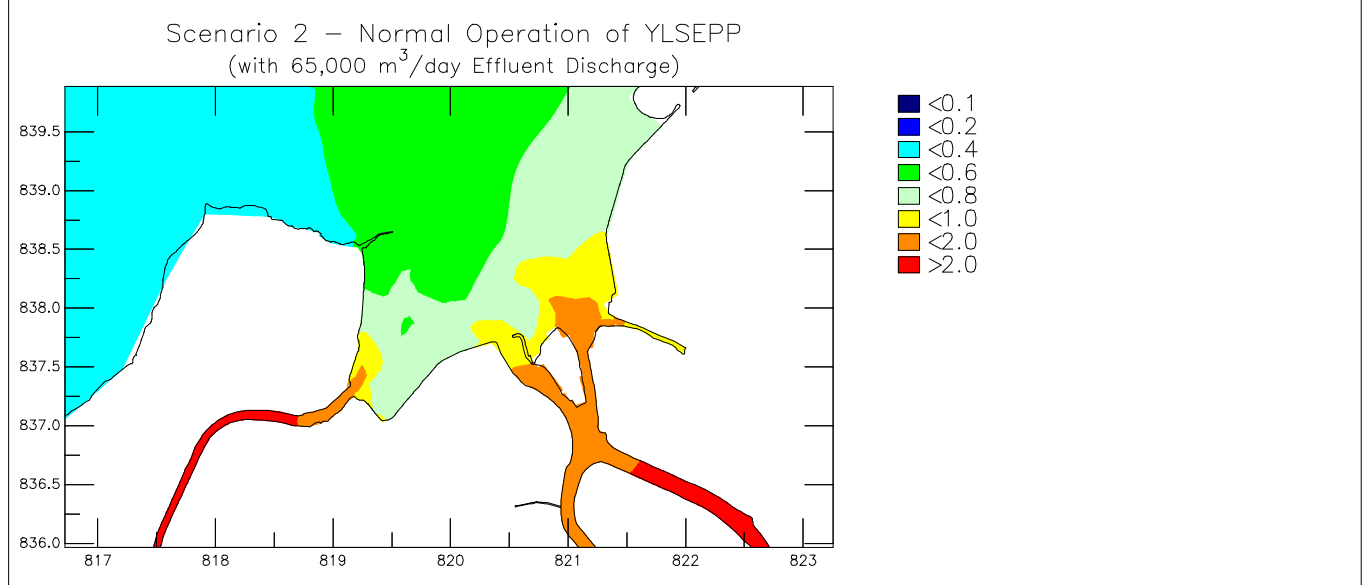
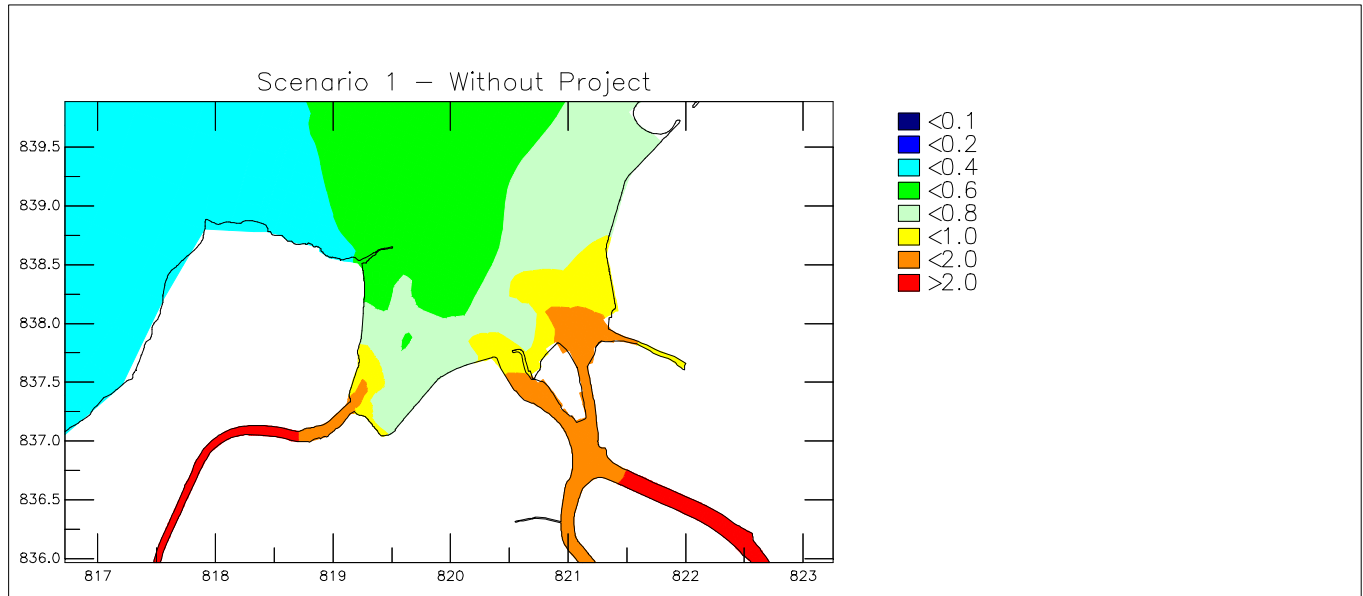
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Mean Depth Averaged 5–Day Biochemical Oxygen Demand (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 13
AECOM	/GPP	OpWQ-w.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Mean Depth Averaged Total Inorganic Nitrogen (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 14
AECOM	/GPP	OpWQ-w.ssn



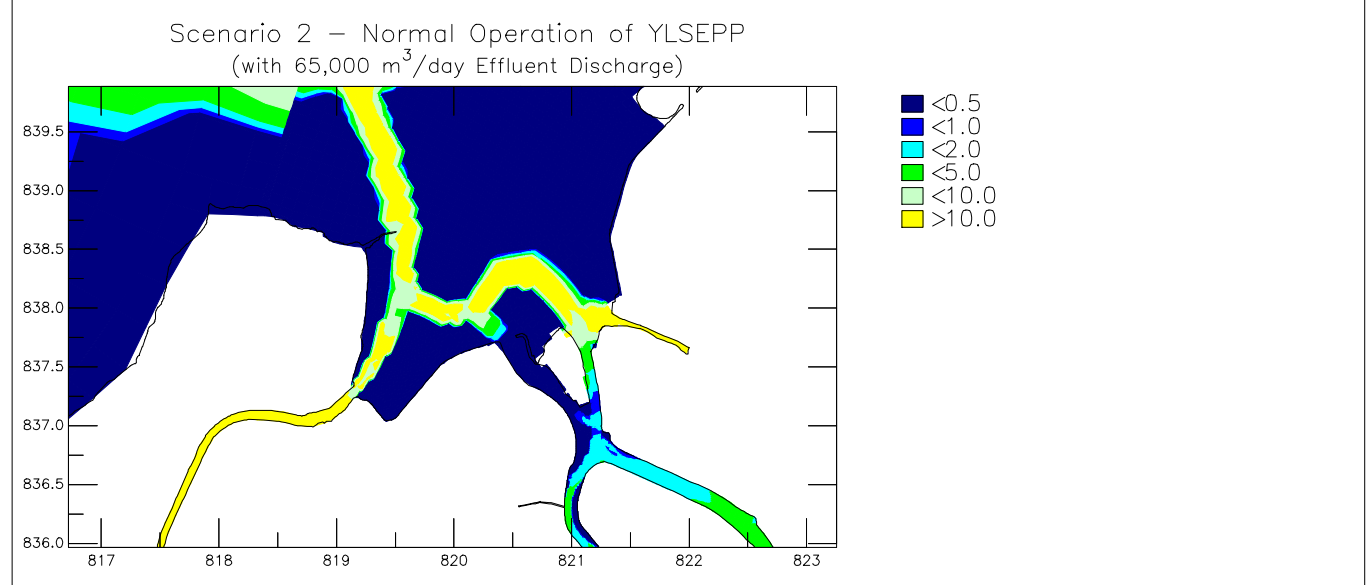
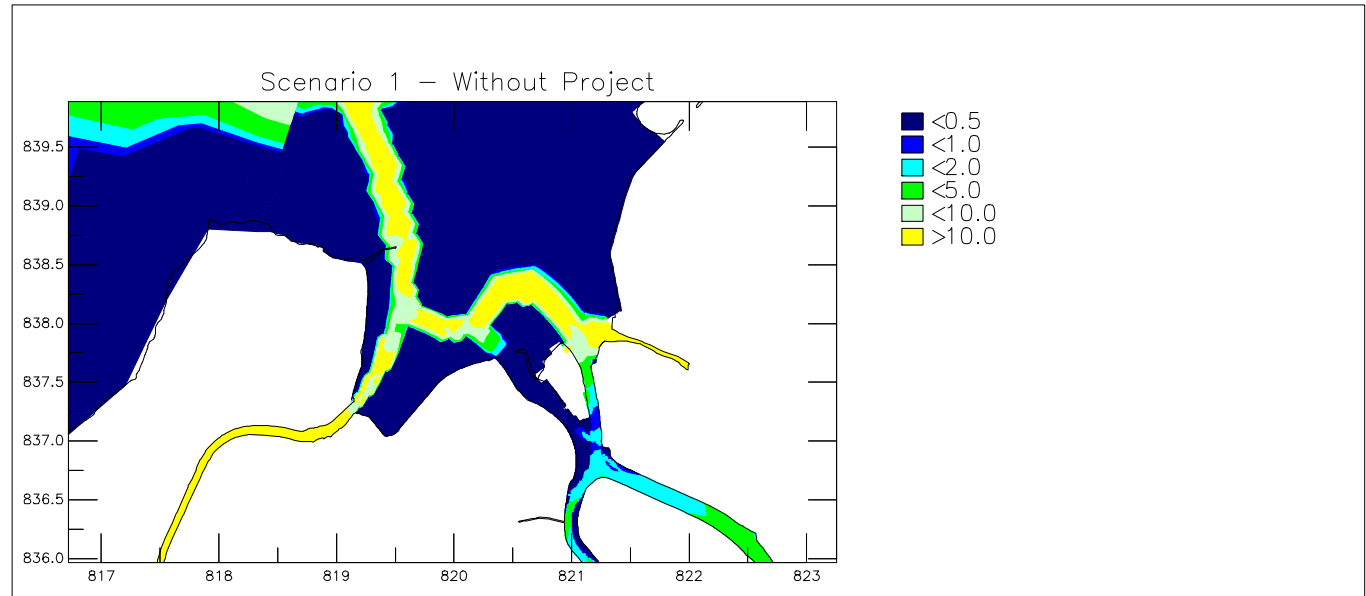
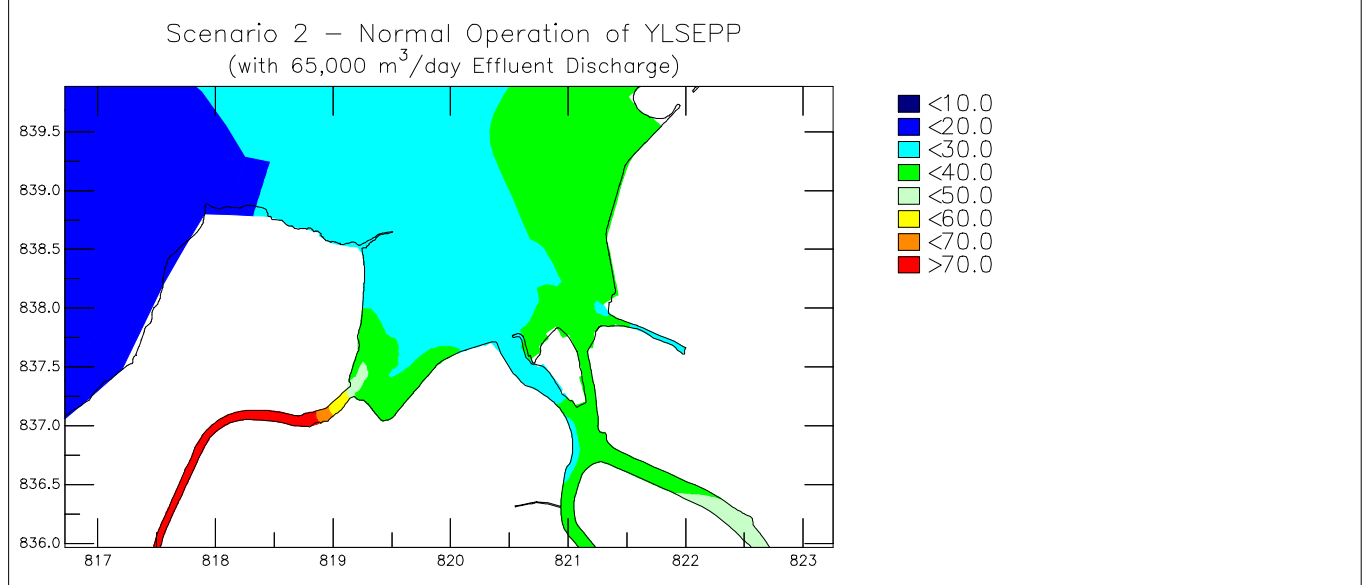
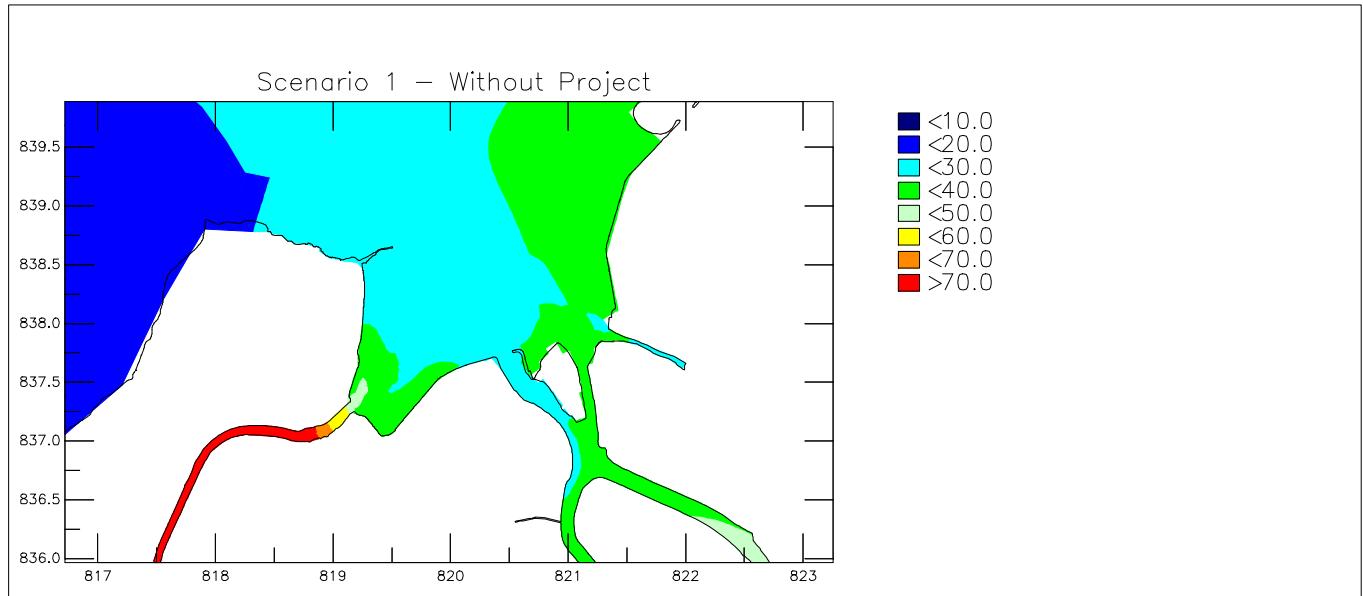
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Mean Depth Averaged Unionised Ammonia (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 15
AECOM	/GPP	OpWQ-w.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Mean Depth Averaged Total Nitrogen (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 16
AECOM	/GPP	OpWQ-w.ssn



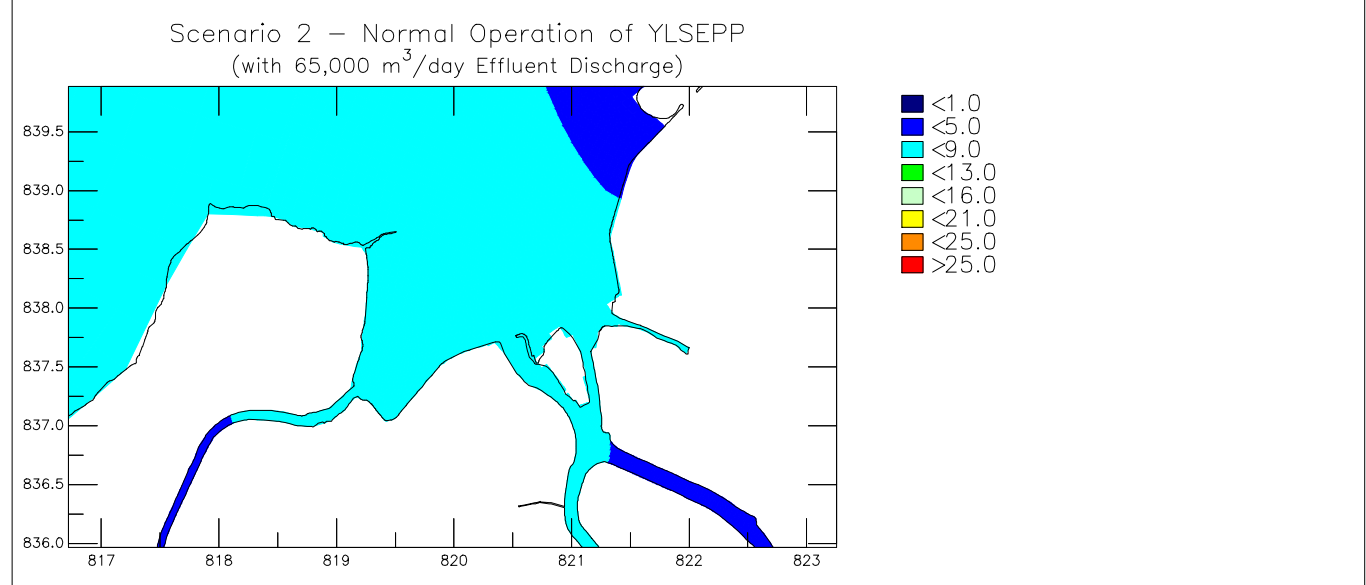
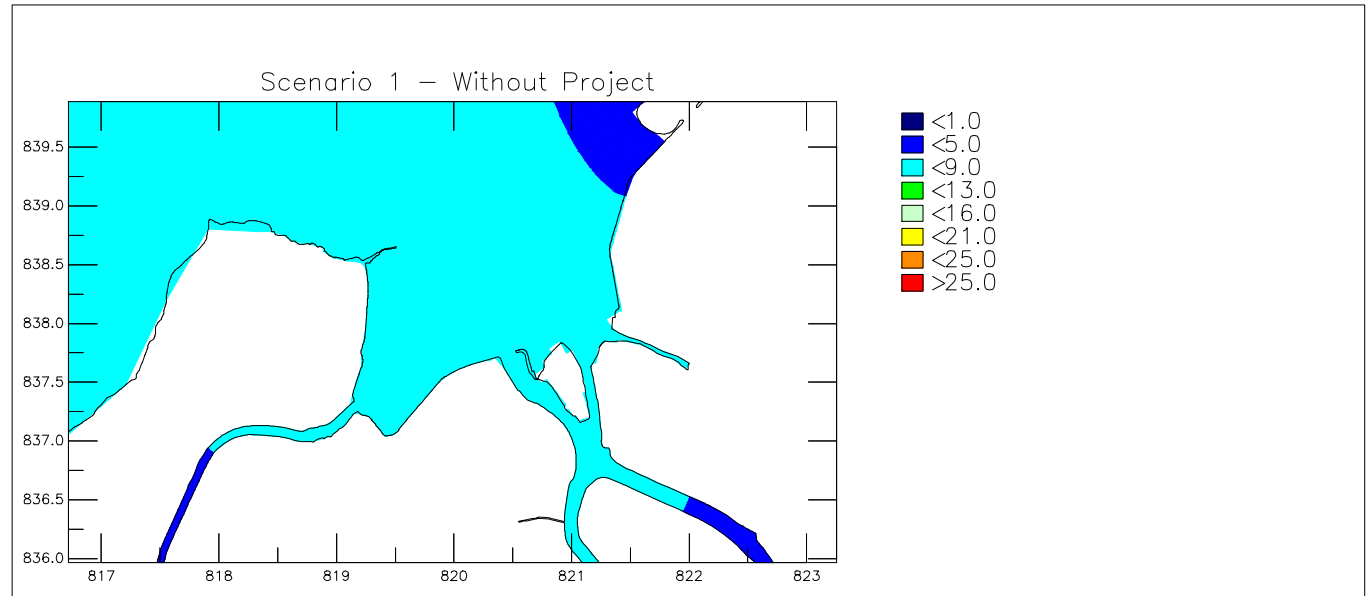
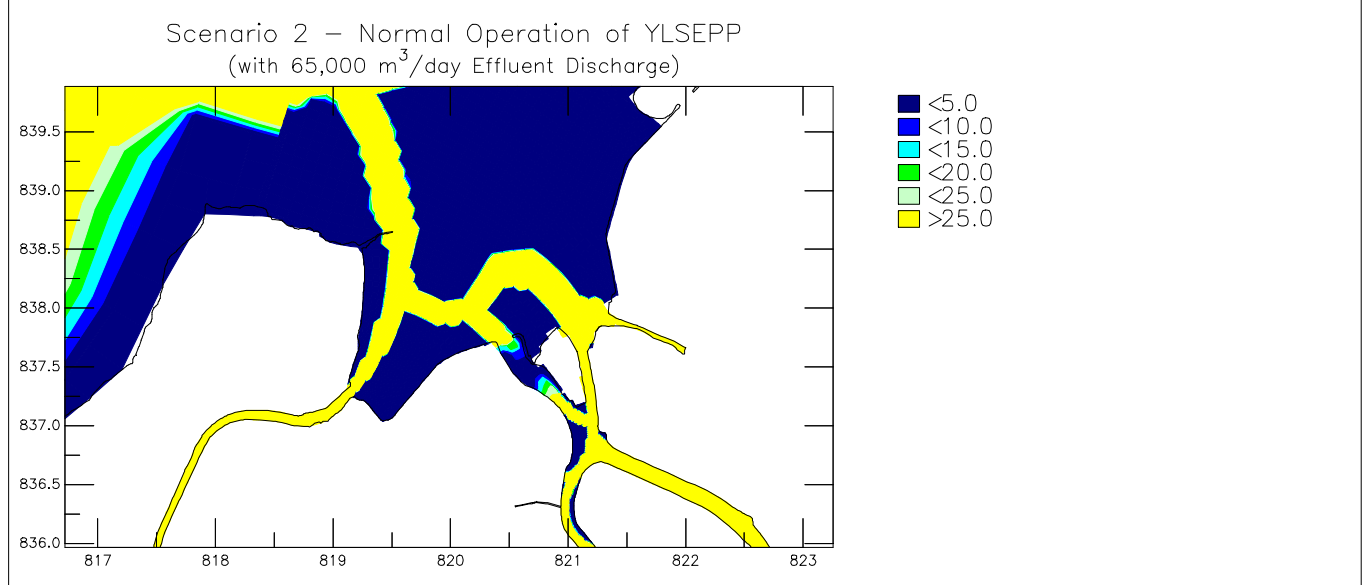
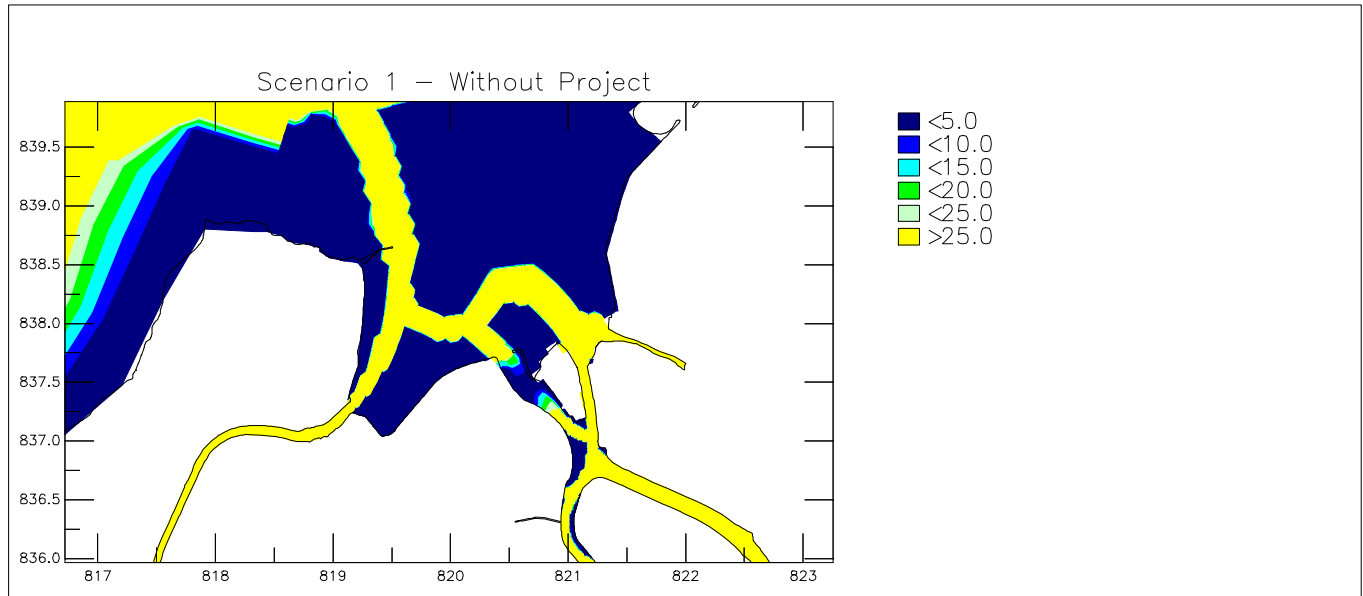
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Mean Depth Averaged Total Phosphorus (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 17
AECOM	/GPP	OpWQ-w.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Geometric Mean Depth Averaged E.coli (no./100mL) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 18
AECOM	/GPP	OpWQ-w.ssn



Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Mean Depth Averaged Suspended Solids (mg/L) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 19
AECOM	/GPP	OpWQ-w.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Mean Sedimentation Rate (g/m ² /day) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 20
AECOM	/GPP	OpWQ-w.ssn



Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Maximum Sedimentation Rate (g/m ² /day) Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 21
AECOM	/GPP	OpWQ-w.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation		Wet Season
Mean Depth Averaged Salinity Upper: Scenario 1 – Without Project; Lower: Scenario 2 – Normal Operation of YLSEPP (with 65,000 m ³ /day Effluent Discharge)		Appendix 5.4 – 22
AECOM	/GPP	OpWQ-w.ssn