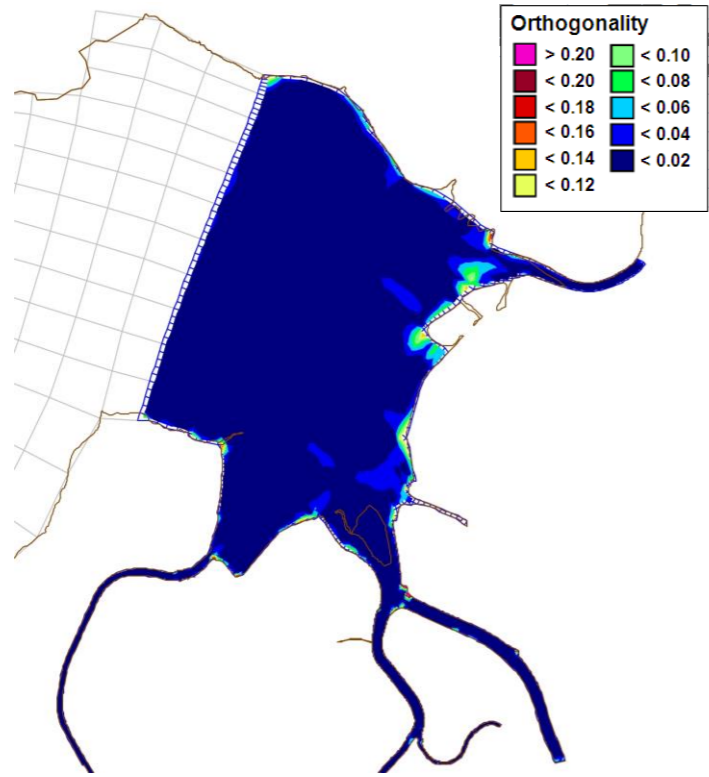


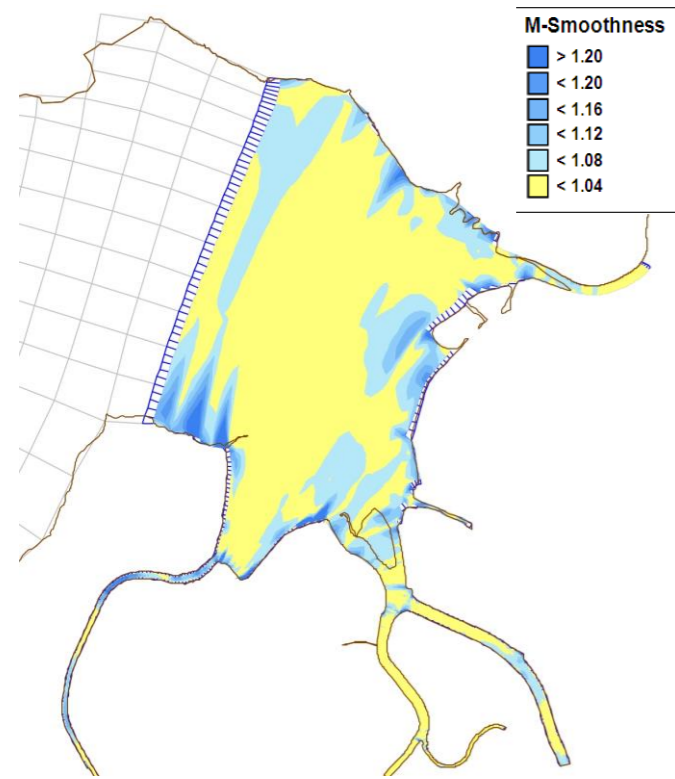
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Yuen Long (YL) Model Grid Layout and Coverage Overview			
		Appendix 5.2 – 01	
AECOM	/GPP	grid.ssn	

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Yuen Long (YL) Model Grid Layout and Coverage Zoom-in at: Upper – Deep Bay; Lower – Downstream Marine Waters of the Project			
		Appendix 5.2 – 02	
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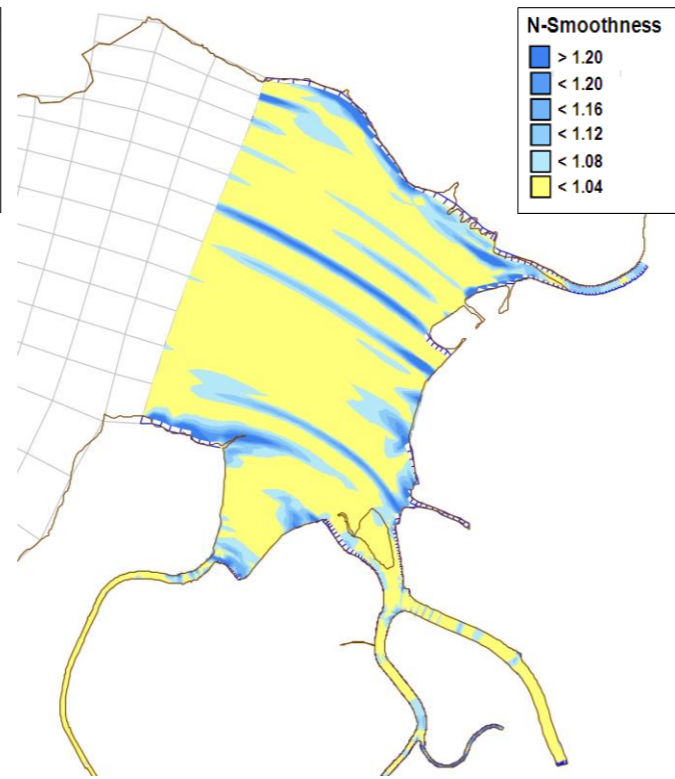
# Appendix 5.2 Model Grid Properties



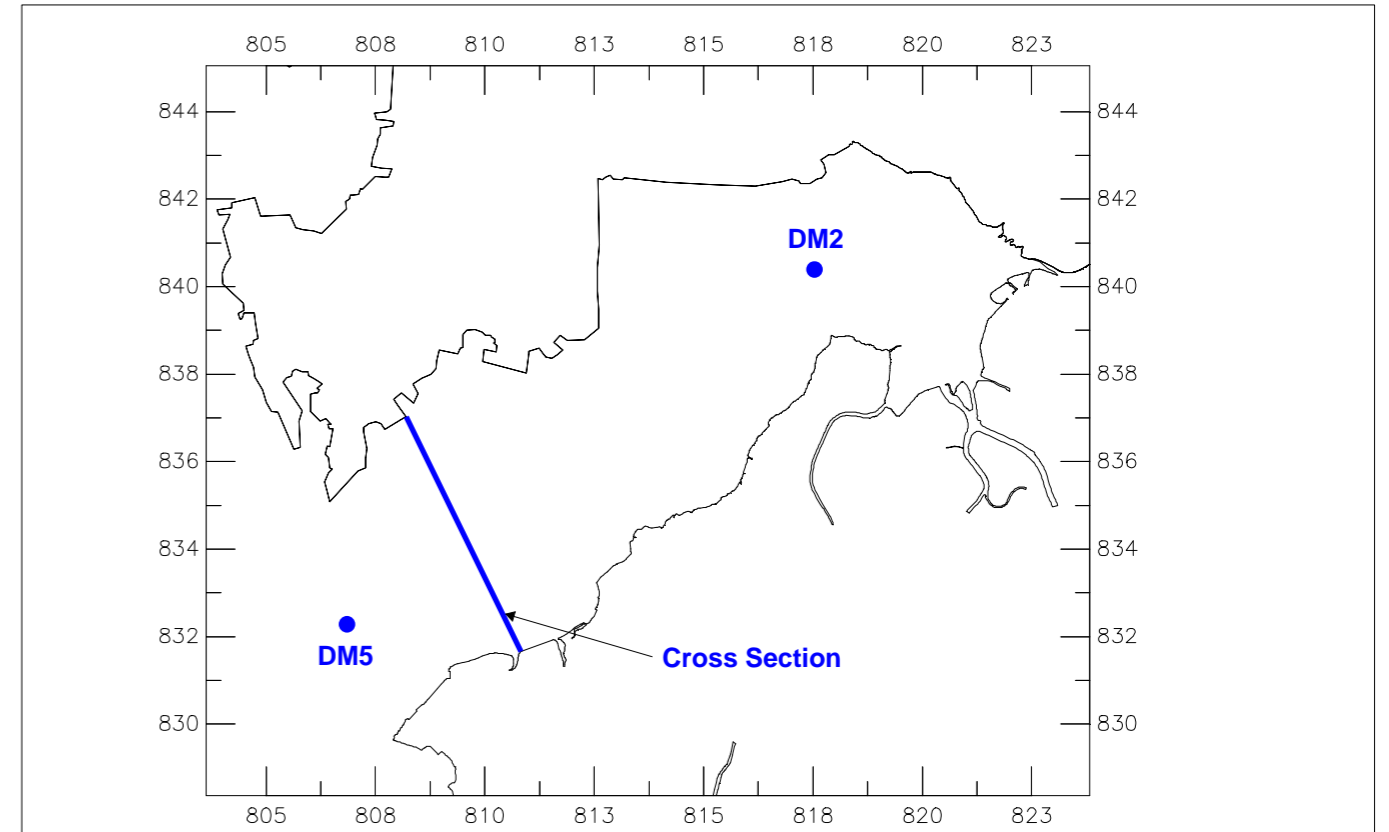
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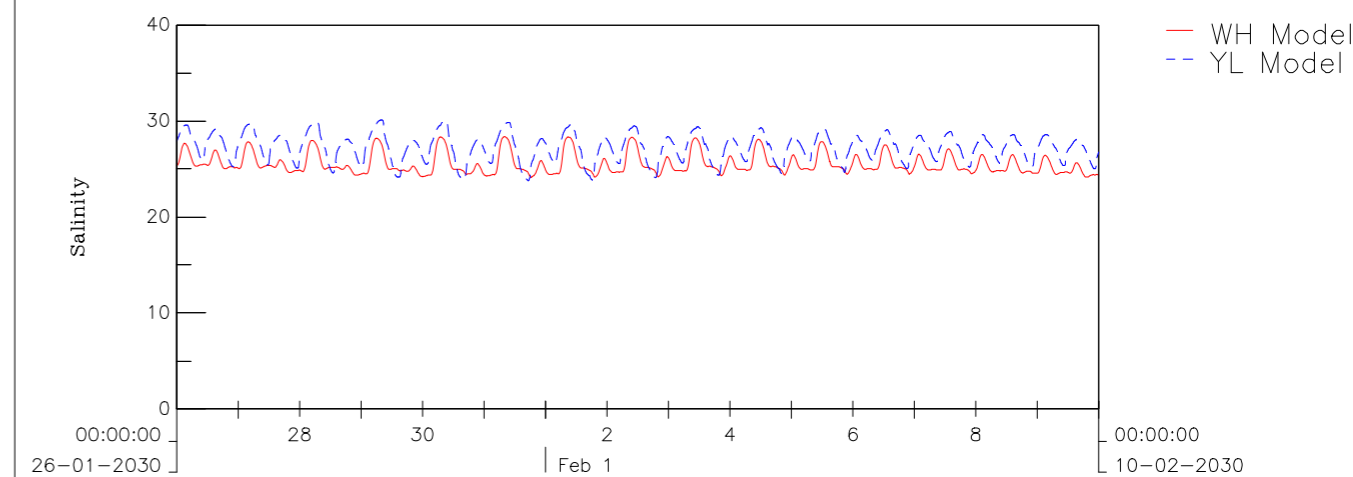
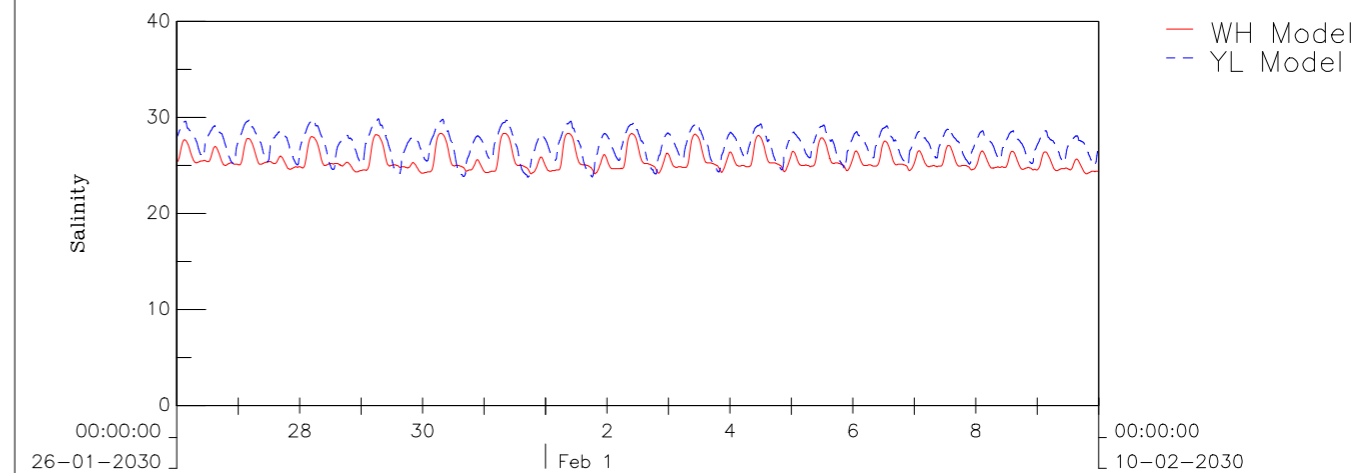
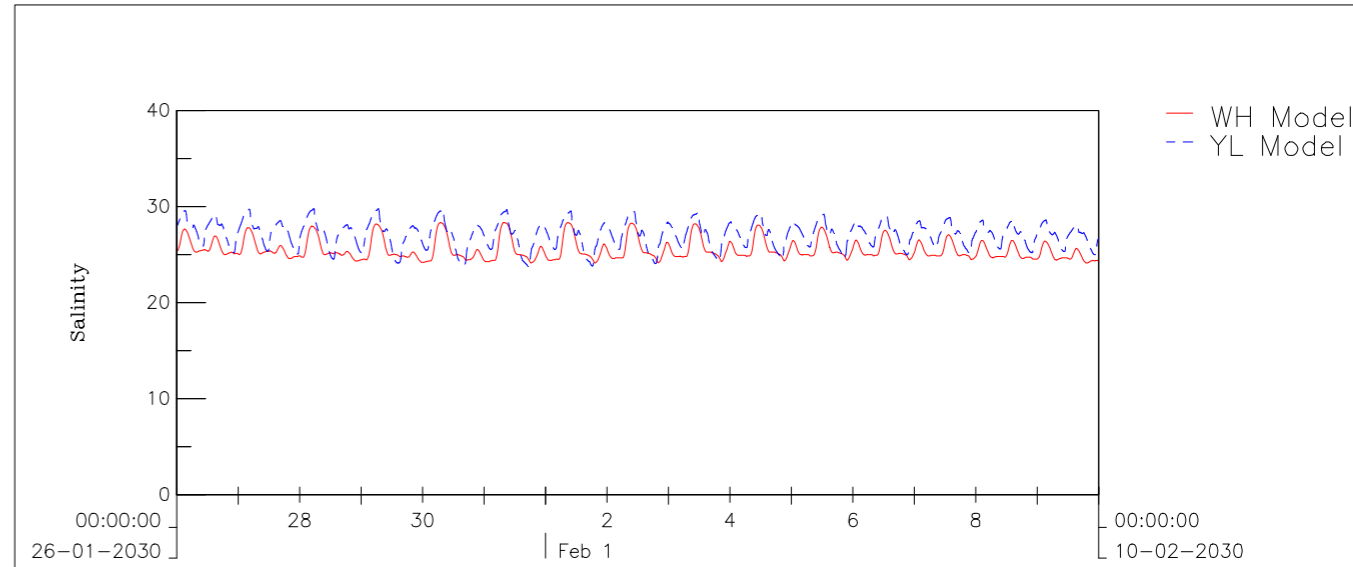
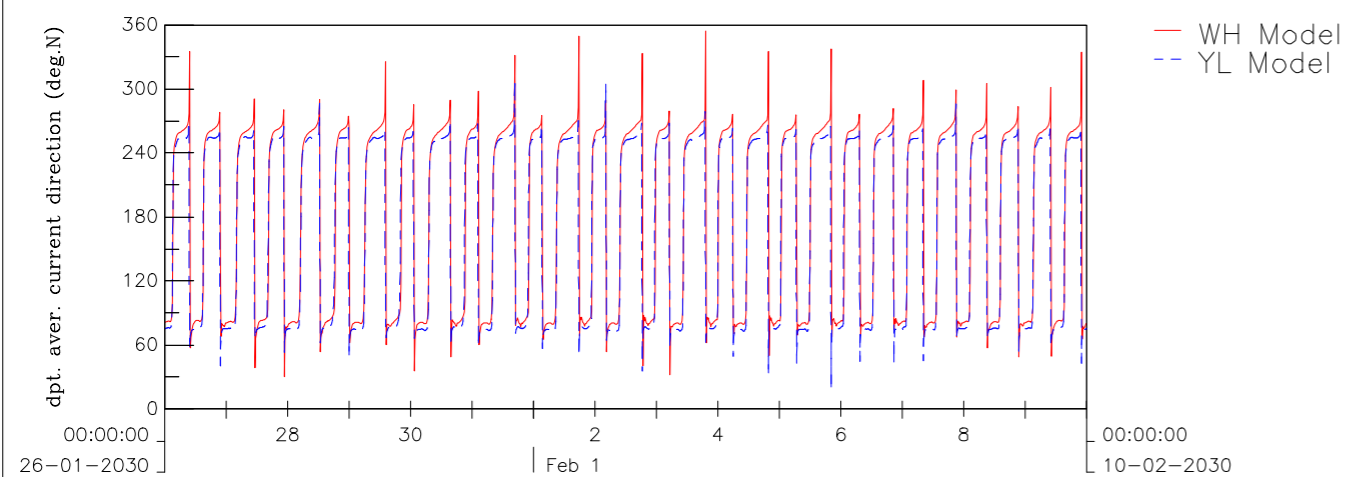
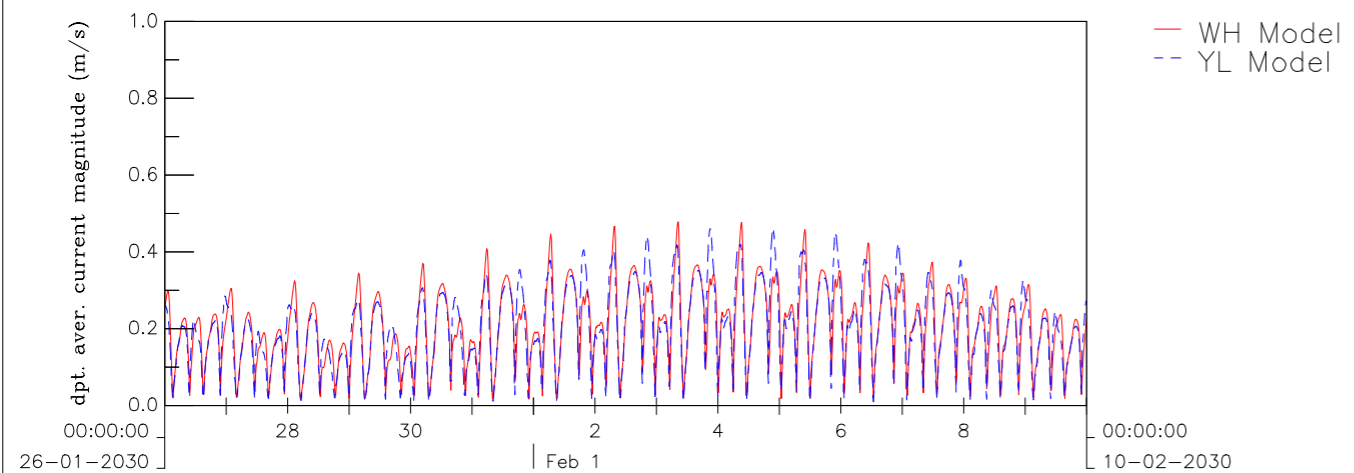
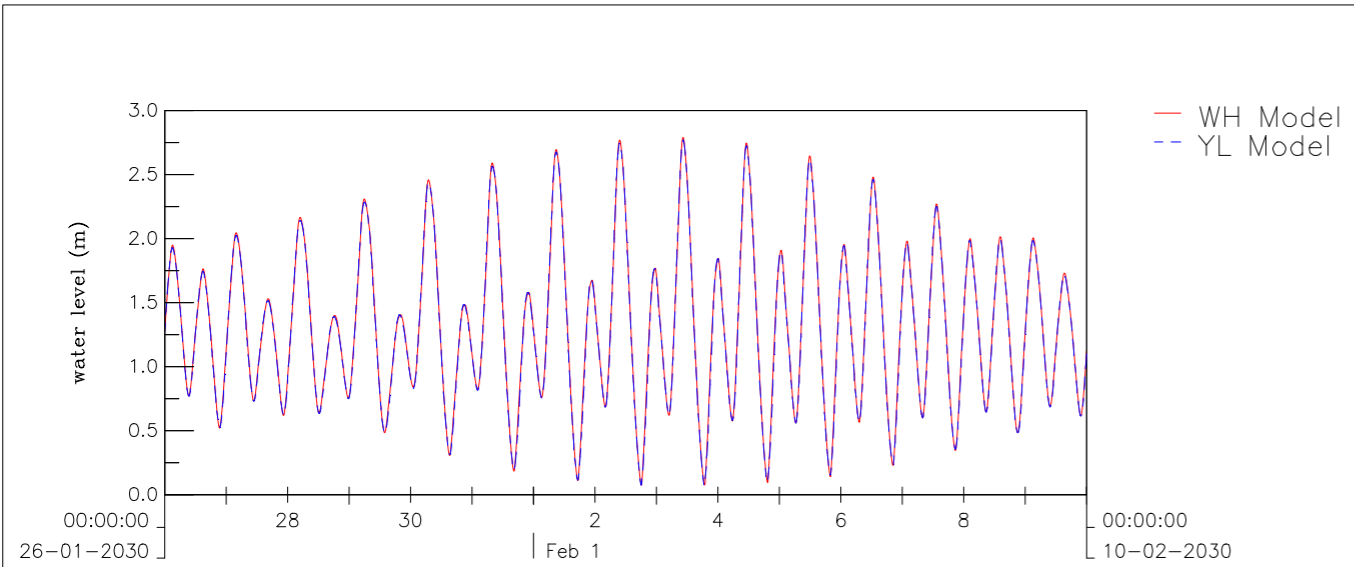
**M-Smoothness**



**N-Smoothness**

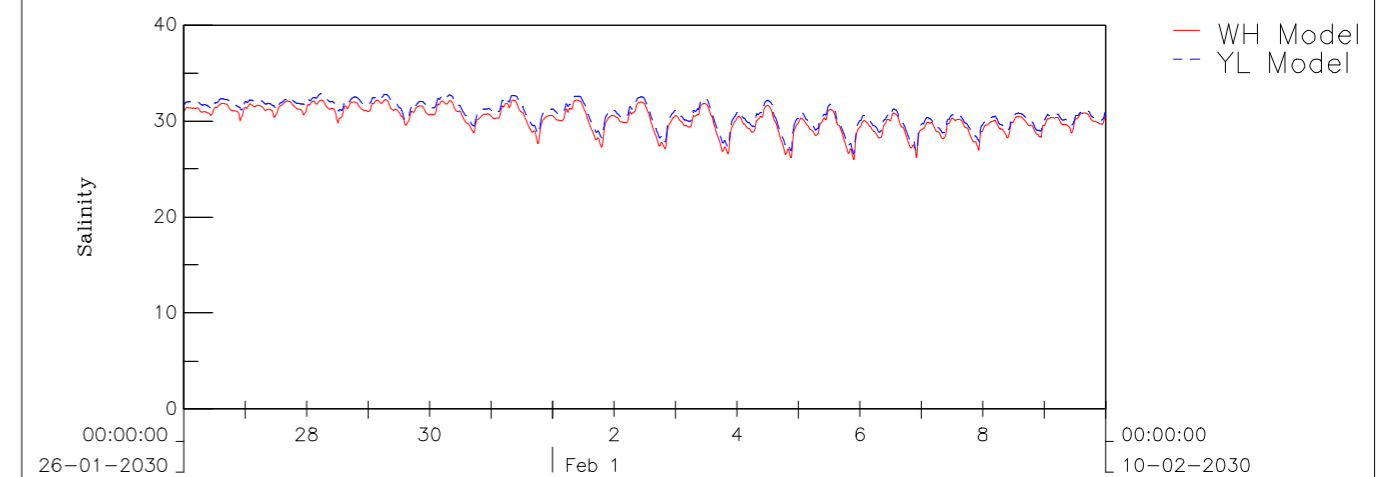
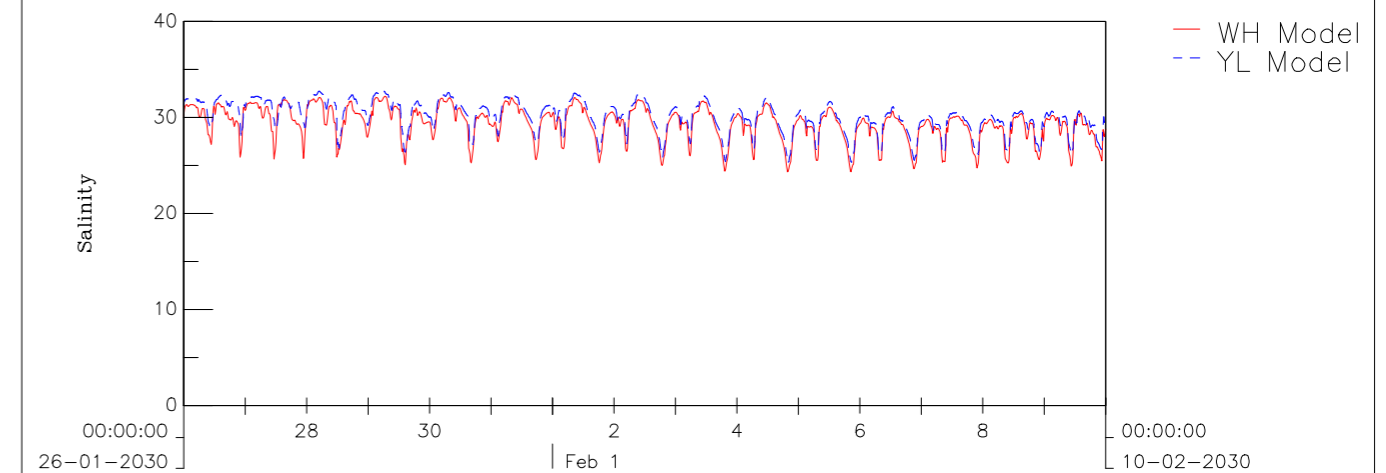
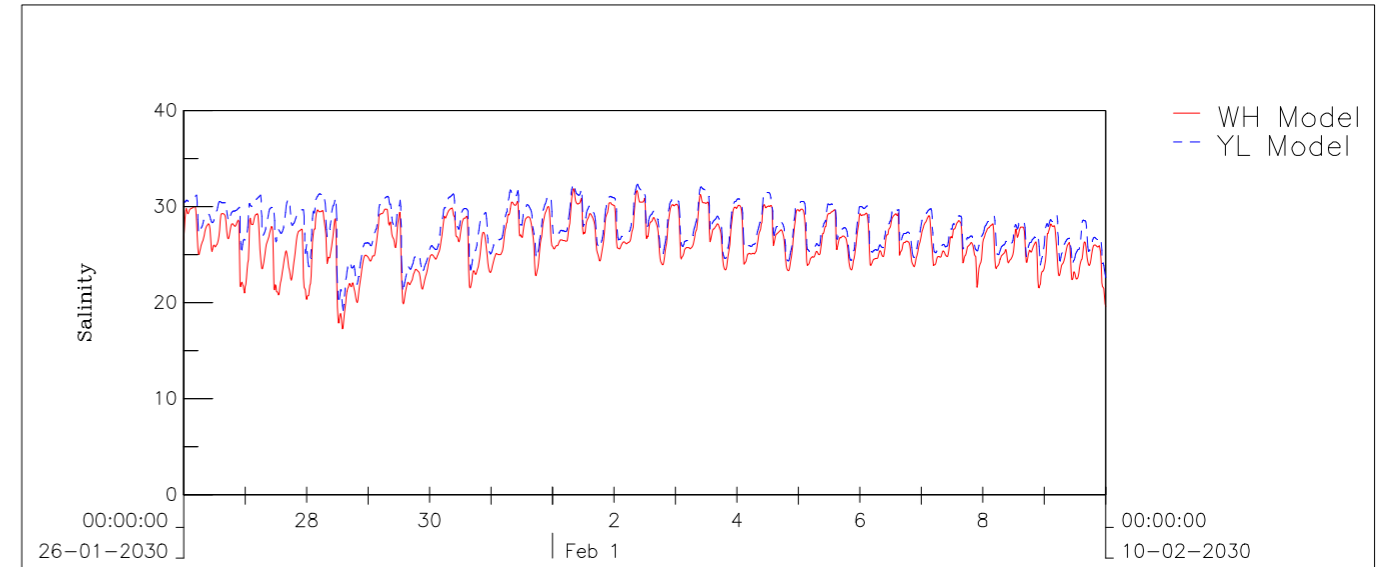
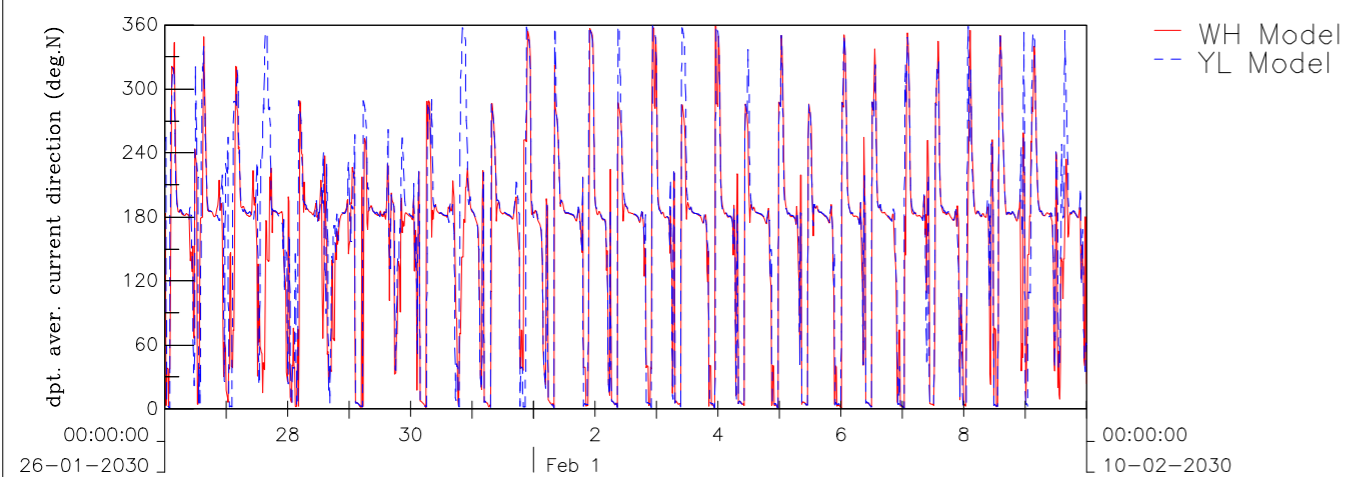
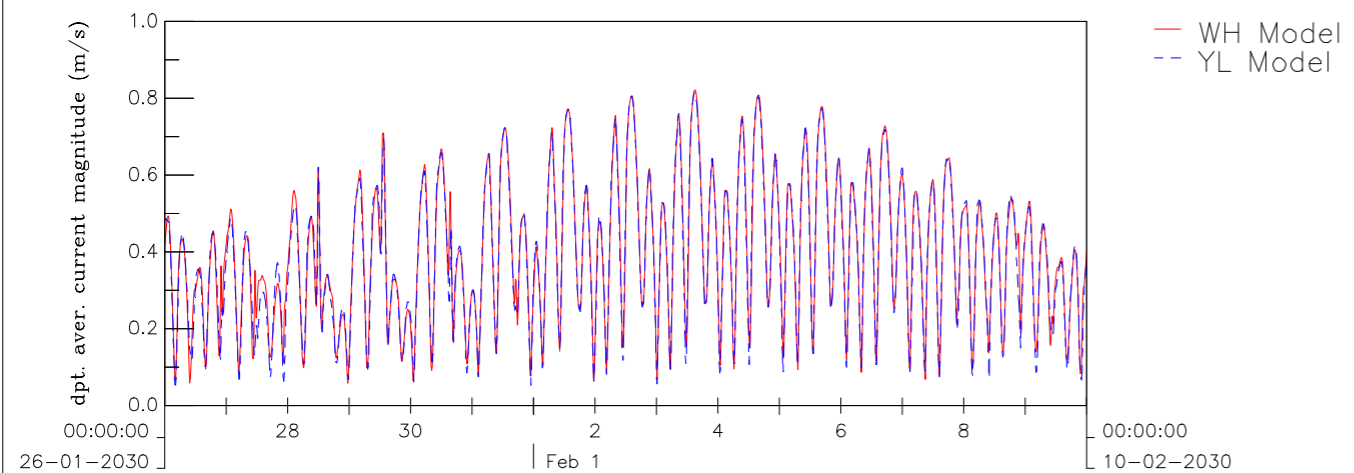
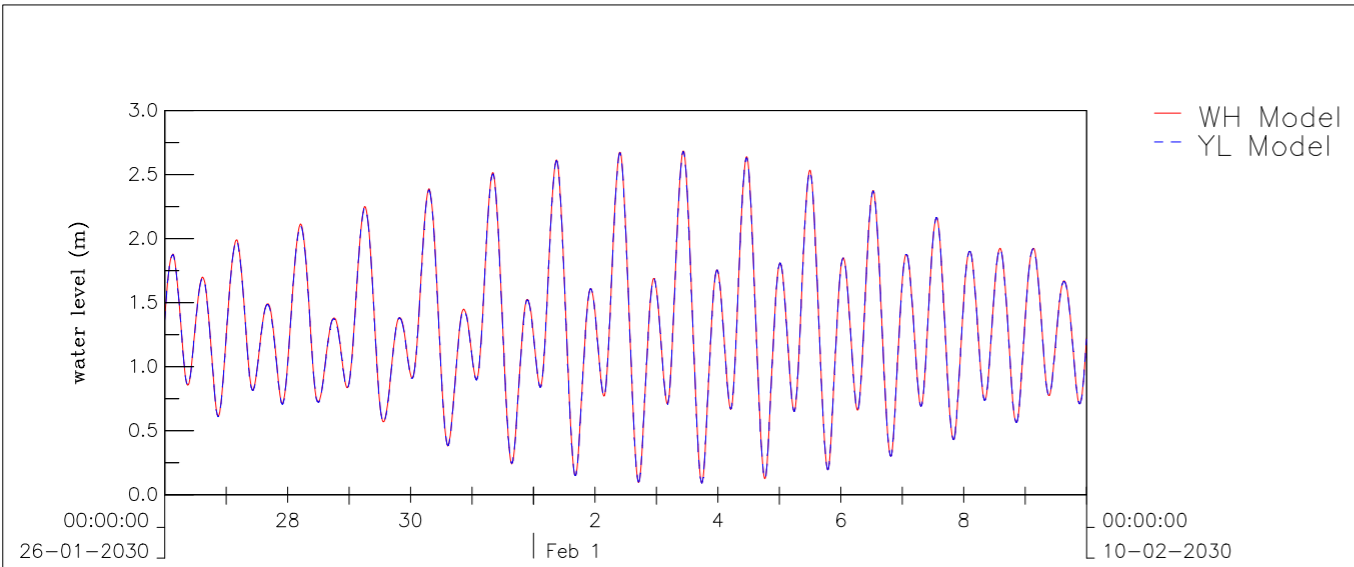


Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Locations of Indicator Points and Cross-Section		
		Appendix 5.2 – 04
AECOM	/GPP	Verf-d.ssn



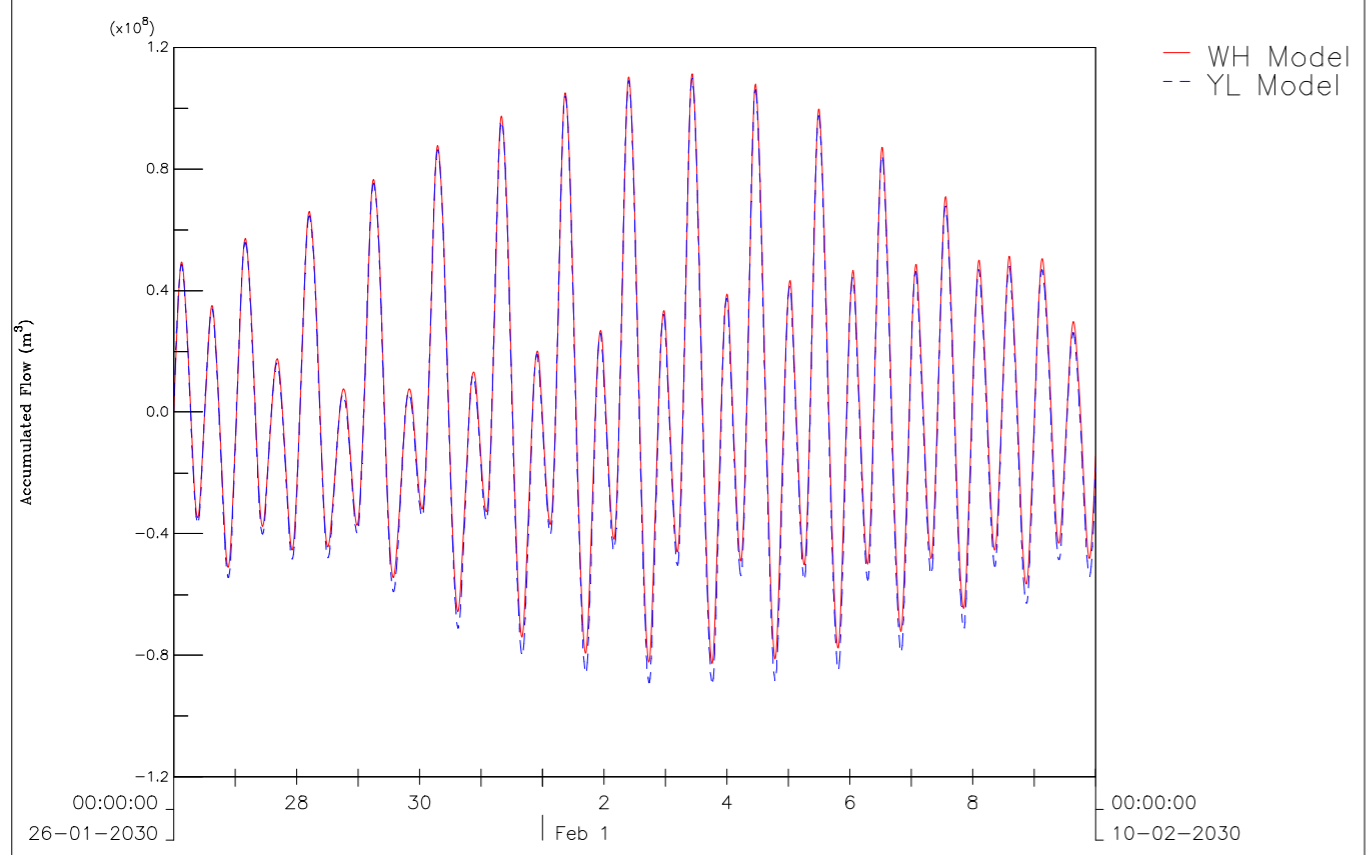
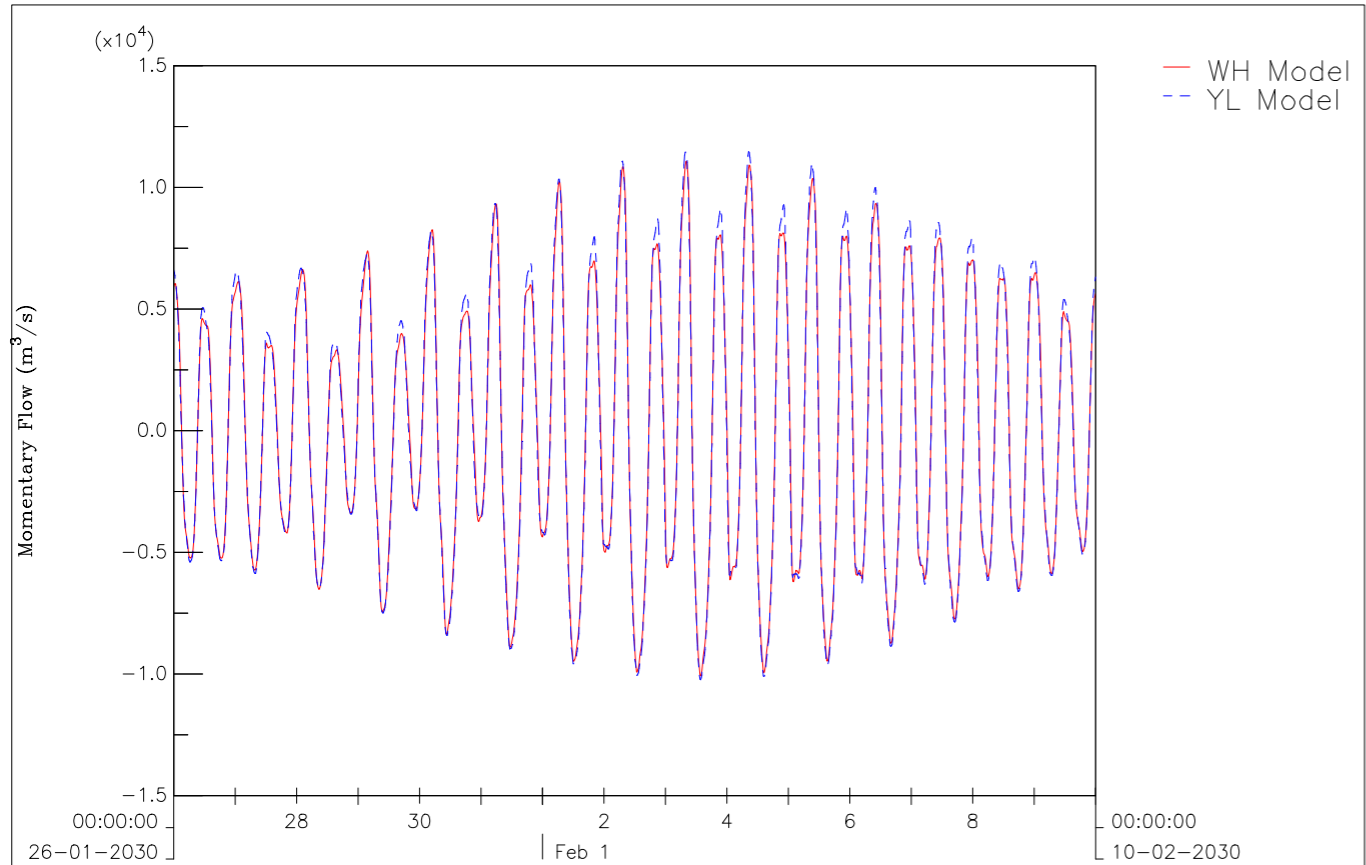
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Water Level, Depth Averaged Current Velocity and Direction at DM2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 05	
AECOM	/GPP/	Verf-d.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Salinity at DM2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 06	
AECOM	/GPP/	Verf-d.ssn

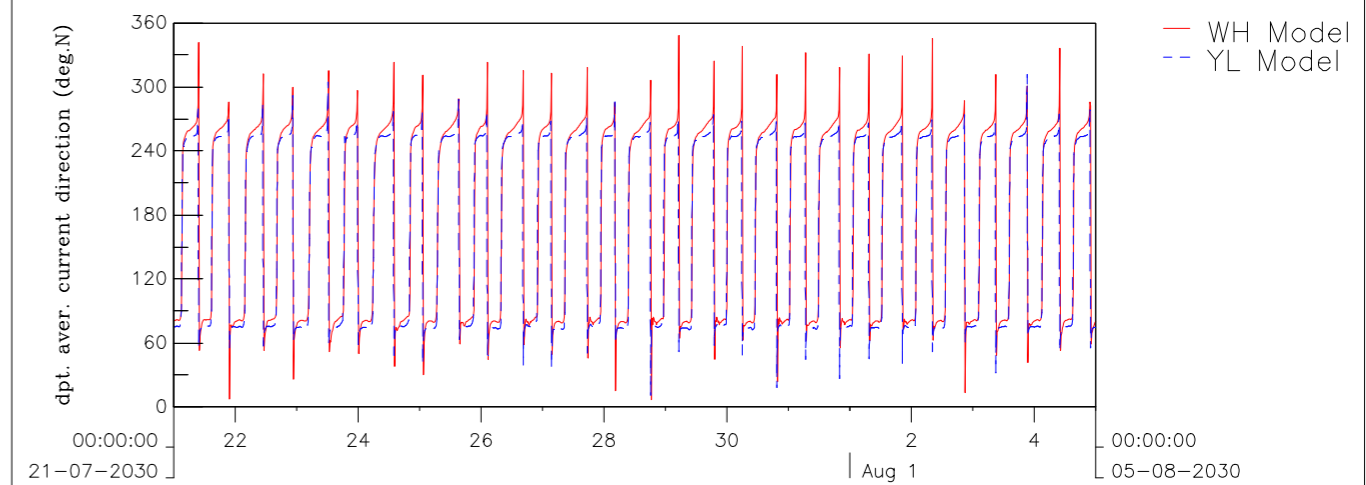
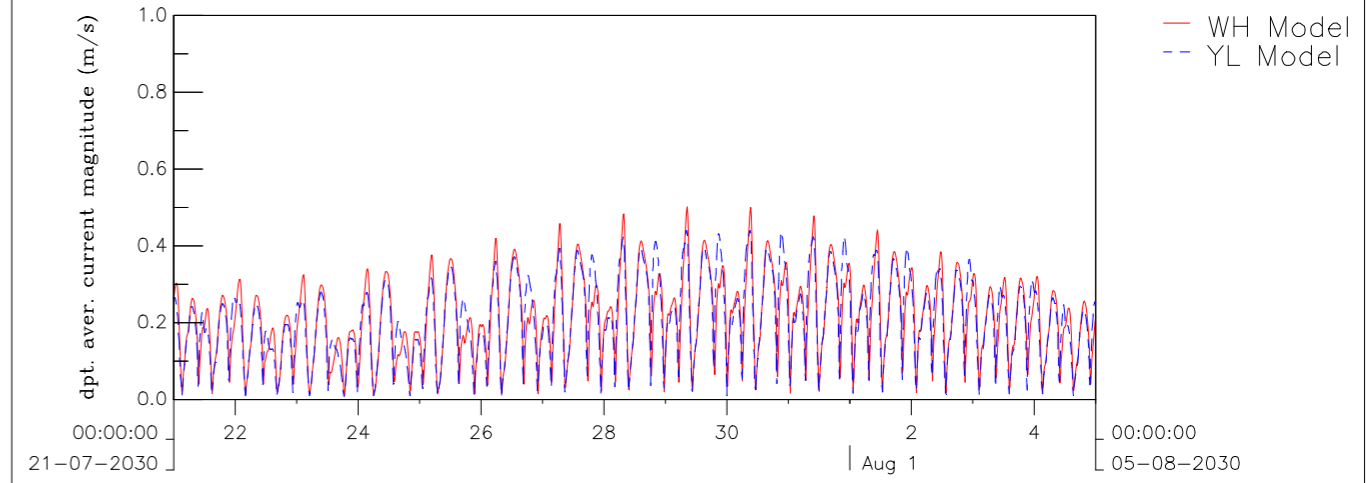
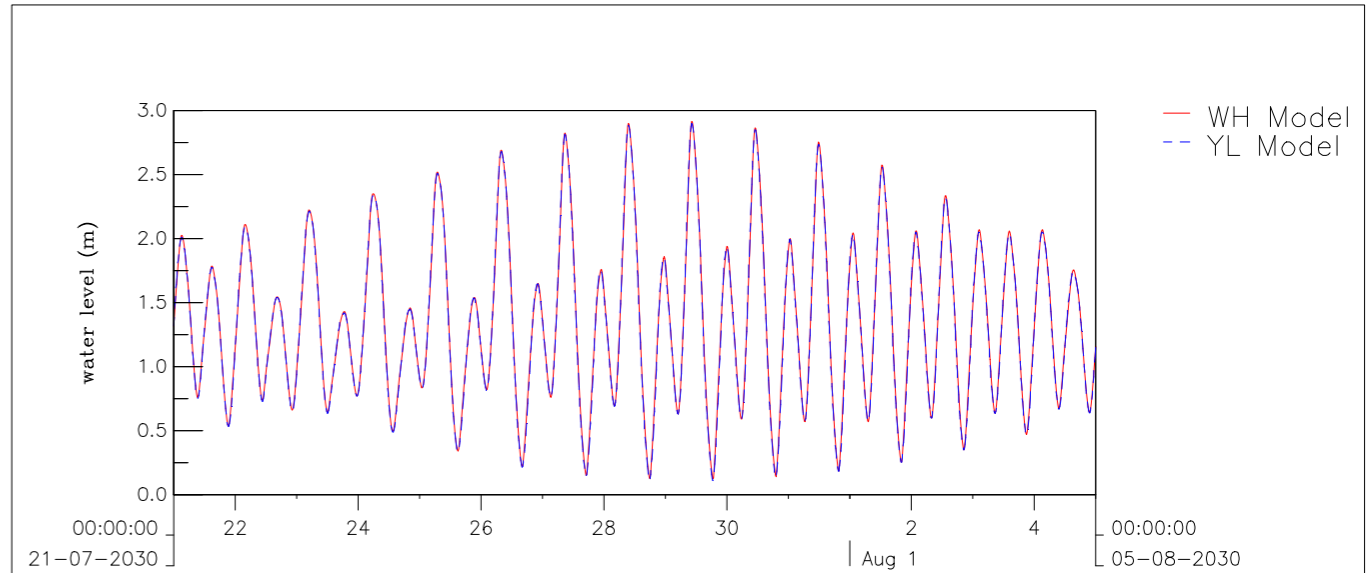


Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Water Level, Depth Averaged Current Velocity and Direction at DM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 07	
AECOM	/GPP/	Verf-d.ssn

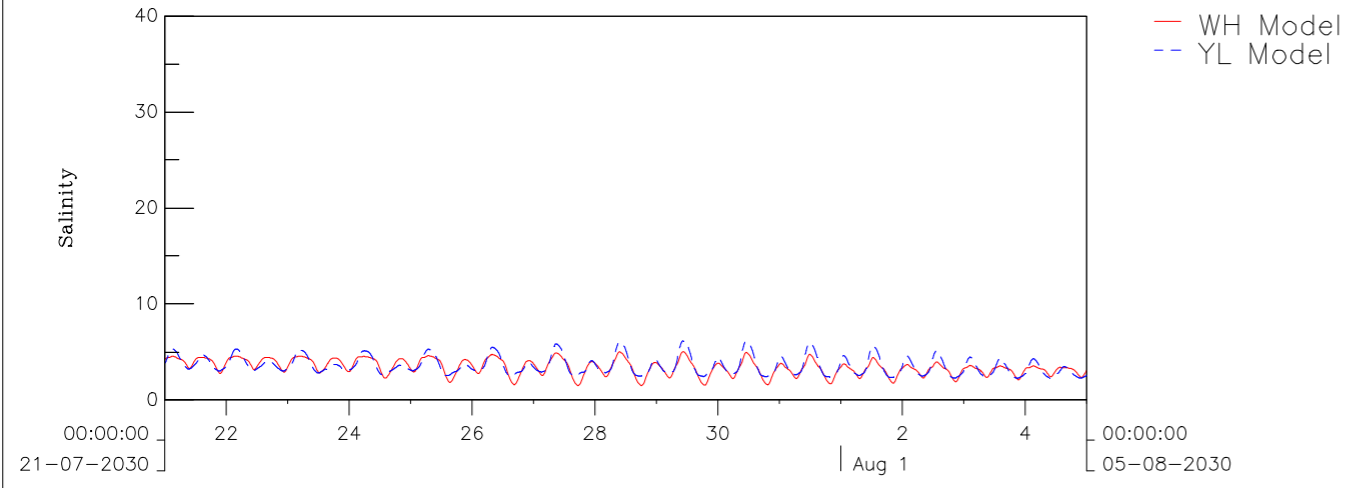
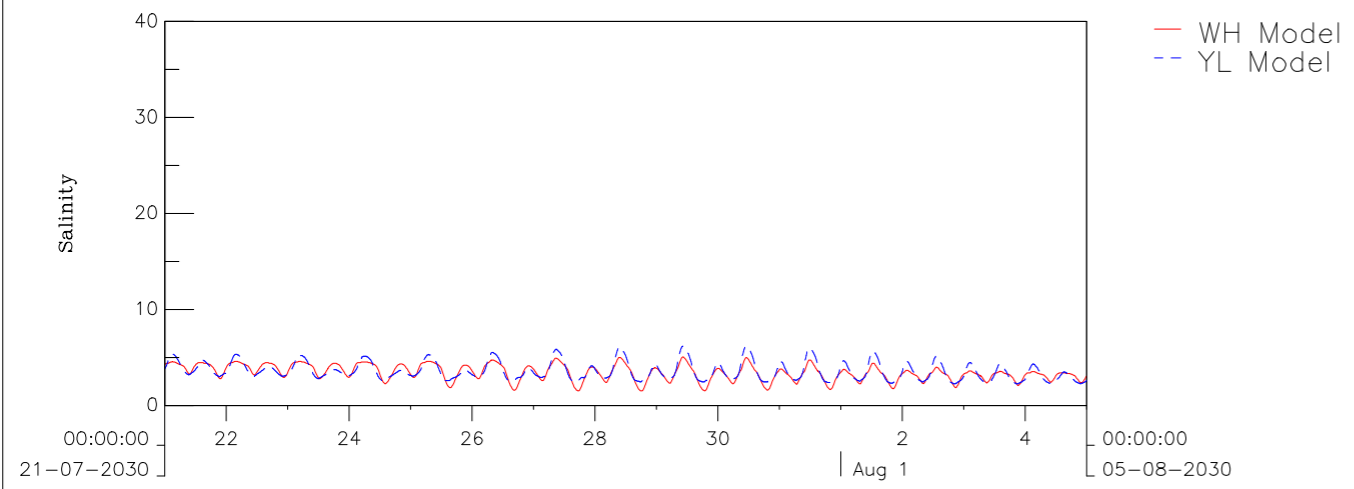
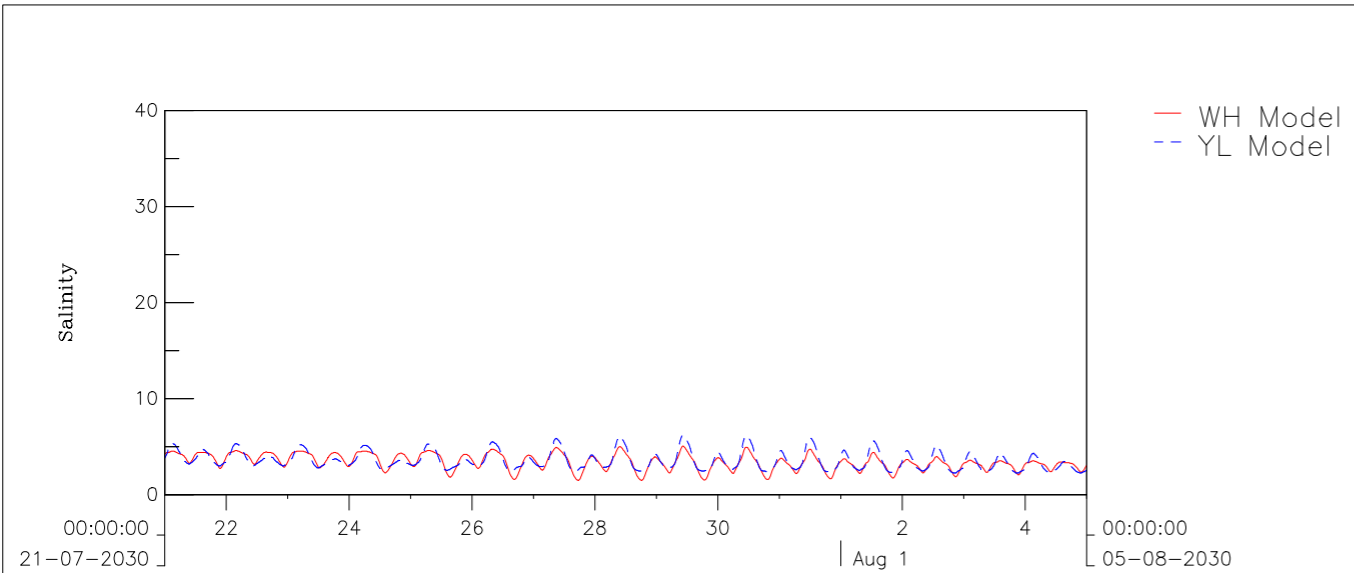
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Salinity at DM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 08	
AECOM	/GPP/	Verf-d.ssn



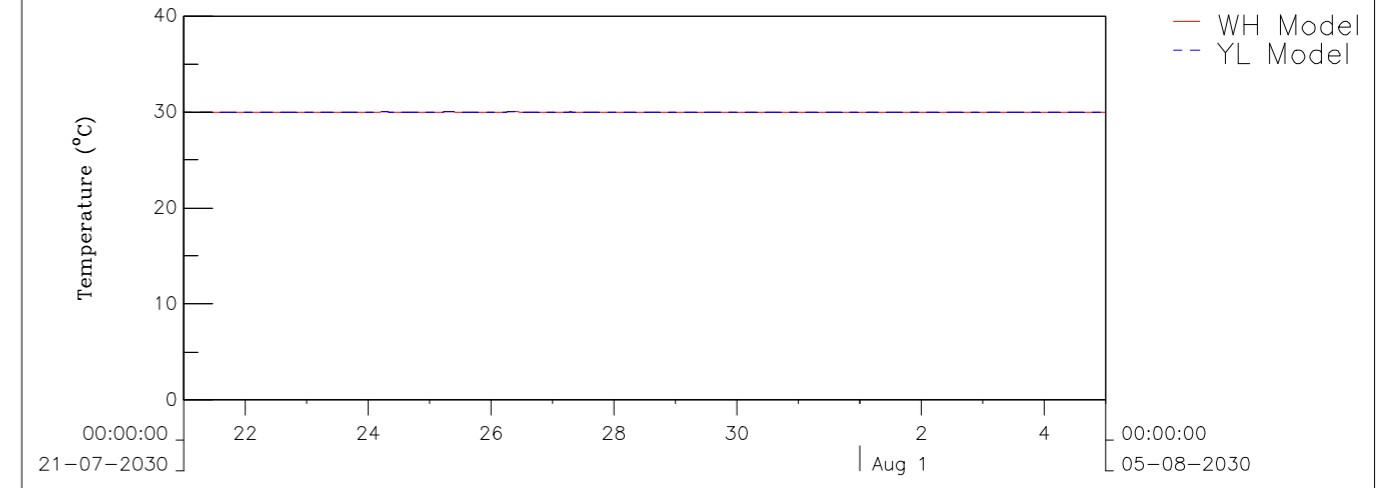
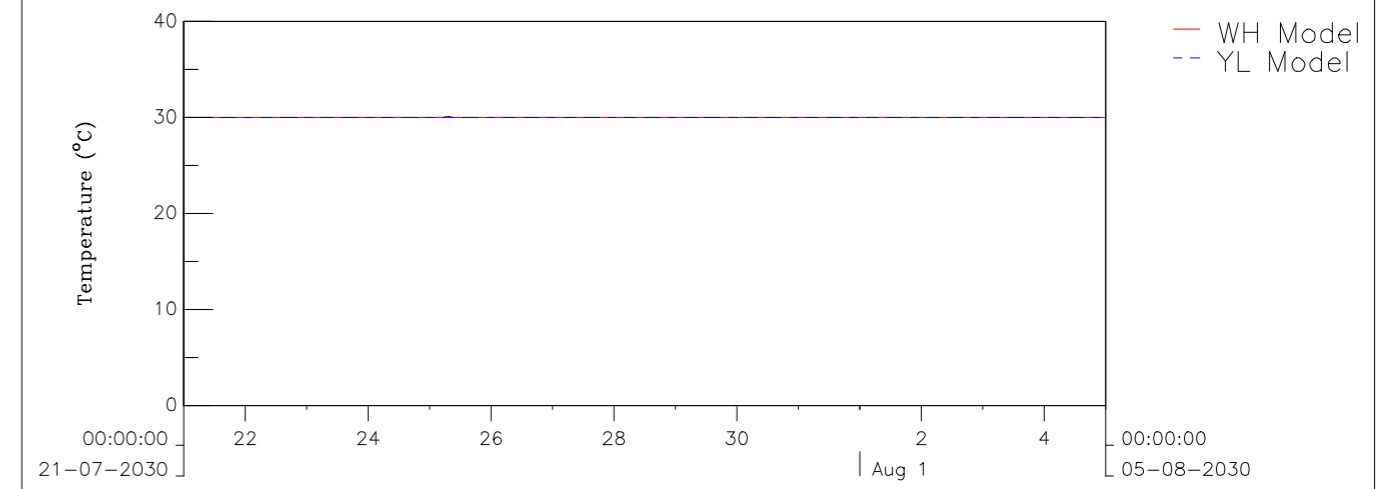
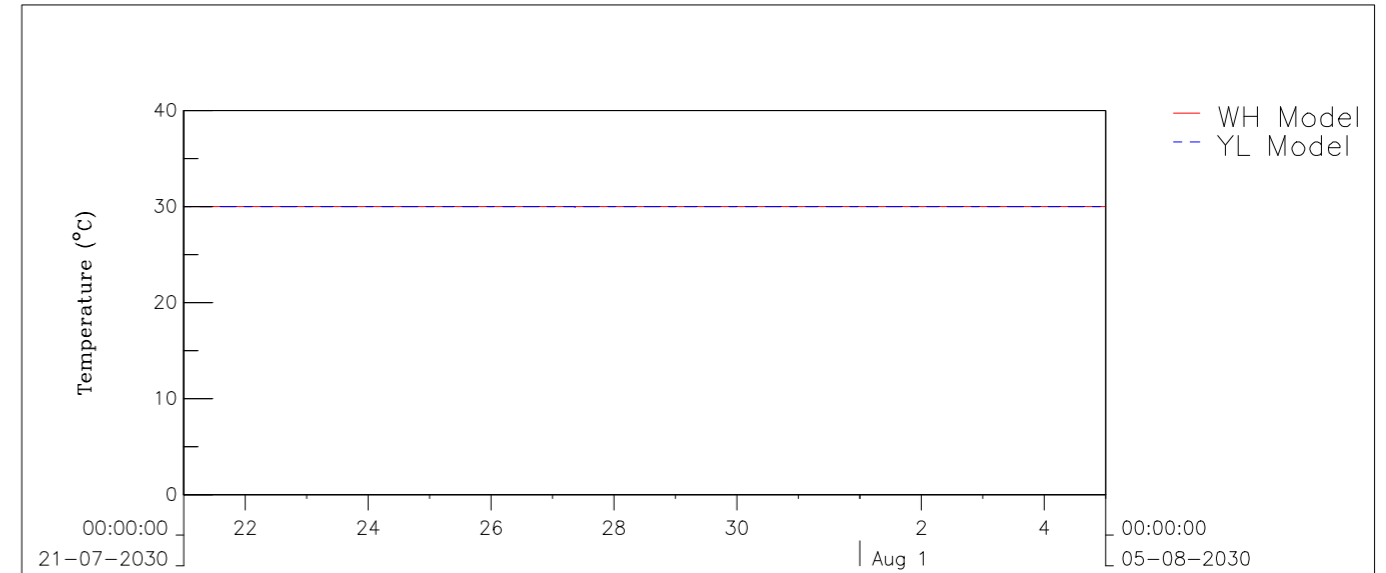
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Momentary Flow and Accumulated Flow through Cross Section for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 09	
AECOM	/GPP/	Verf-d.ssn



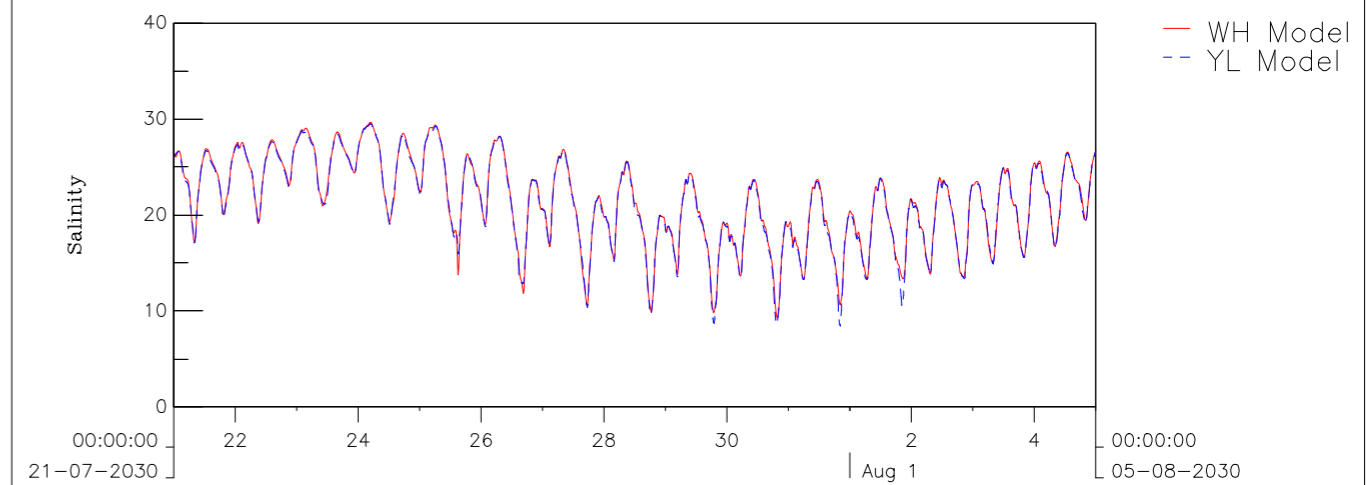
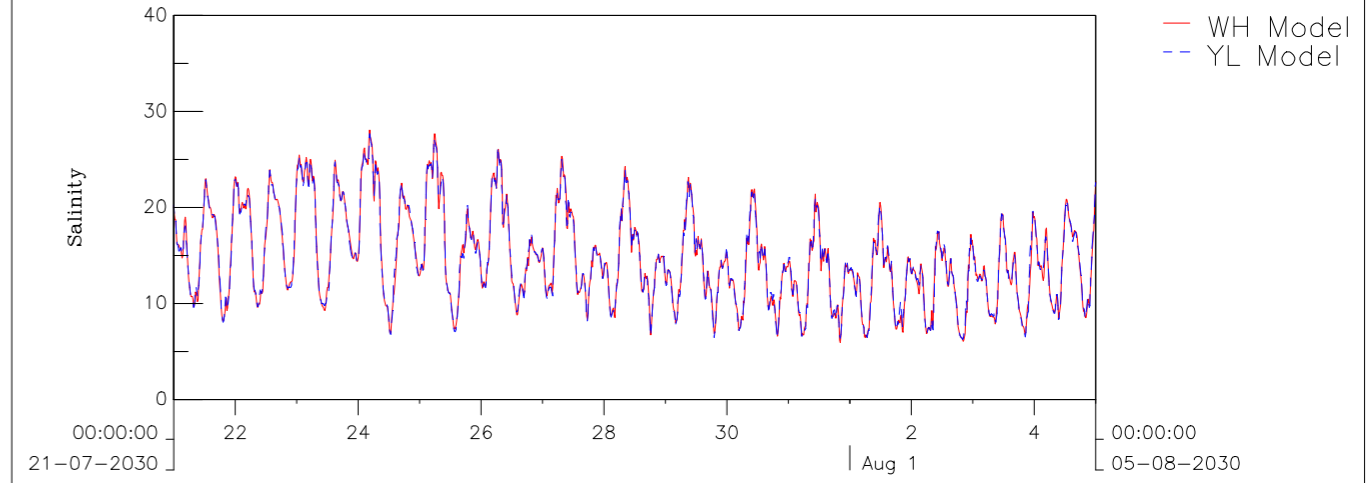
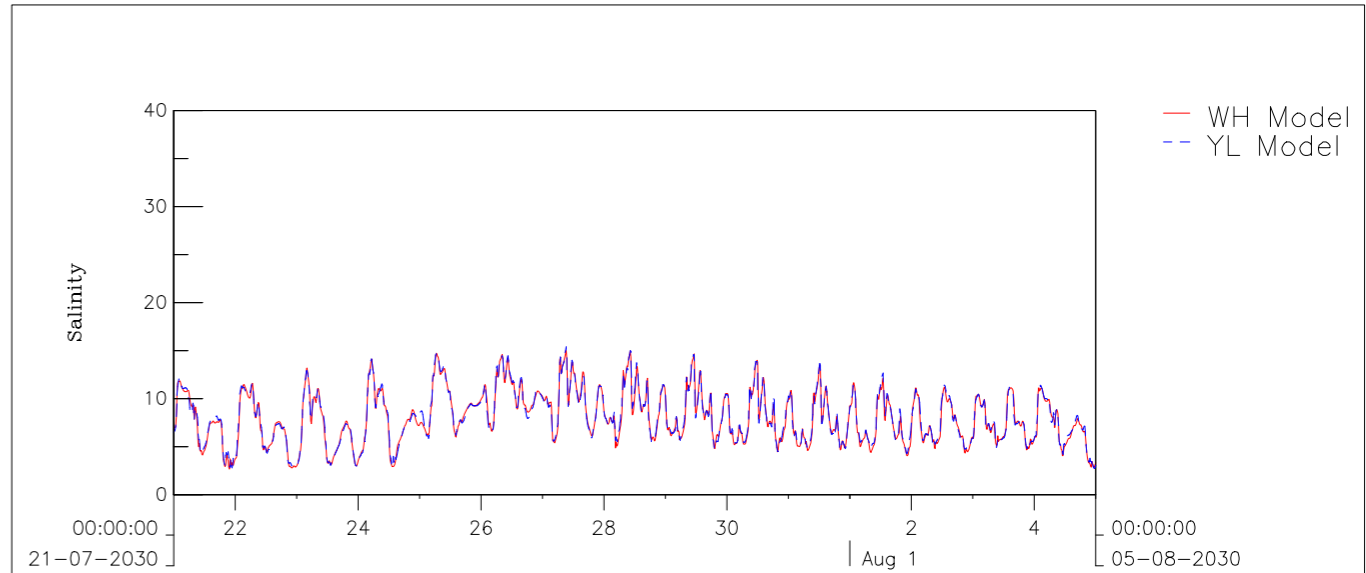
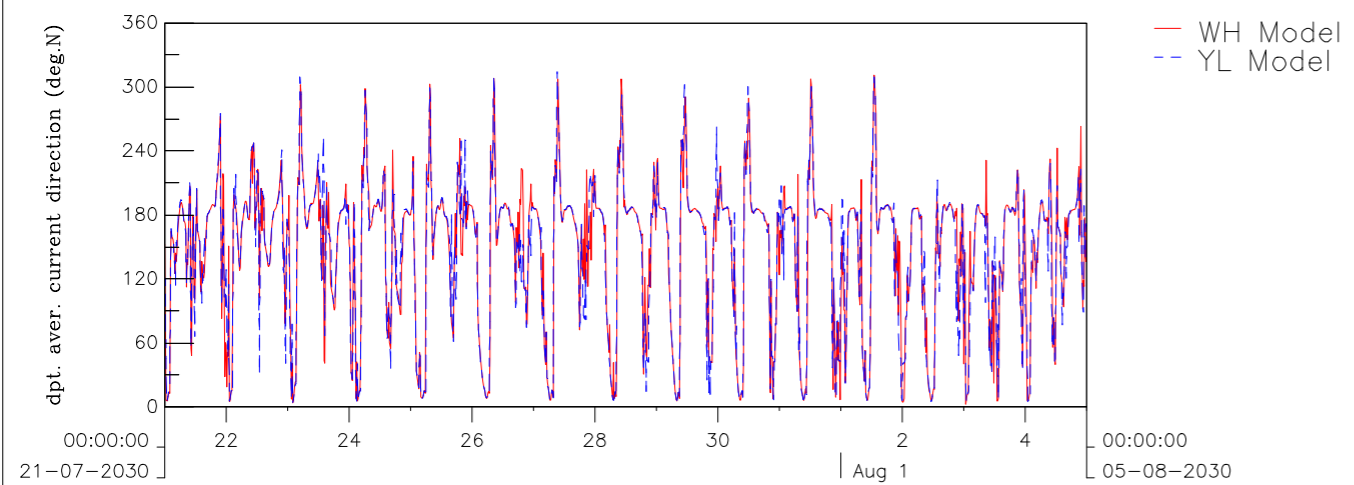
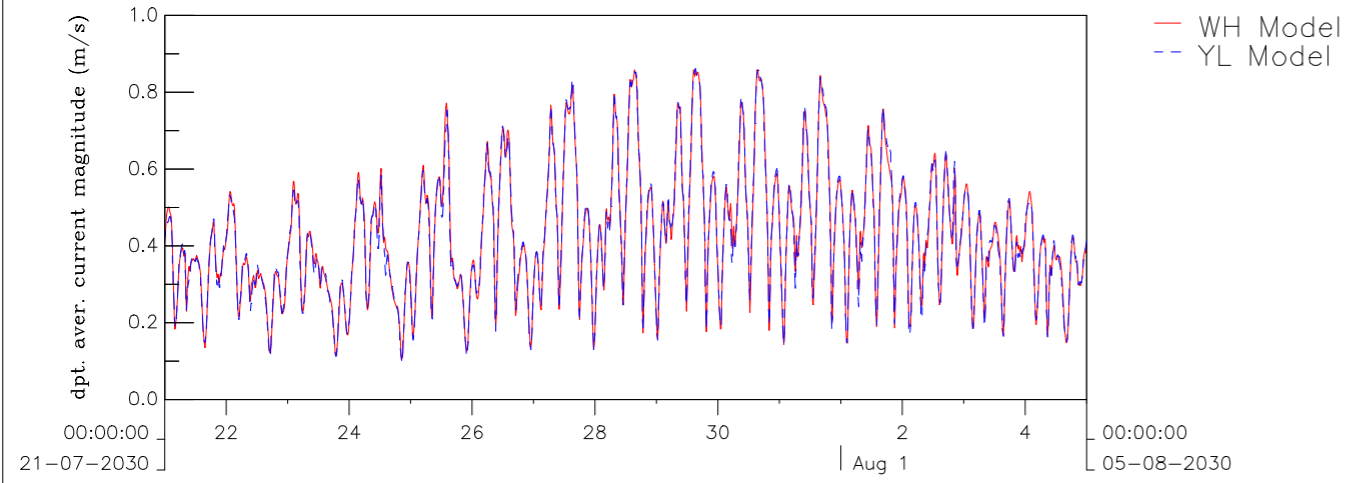
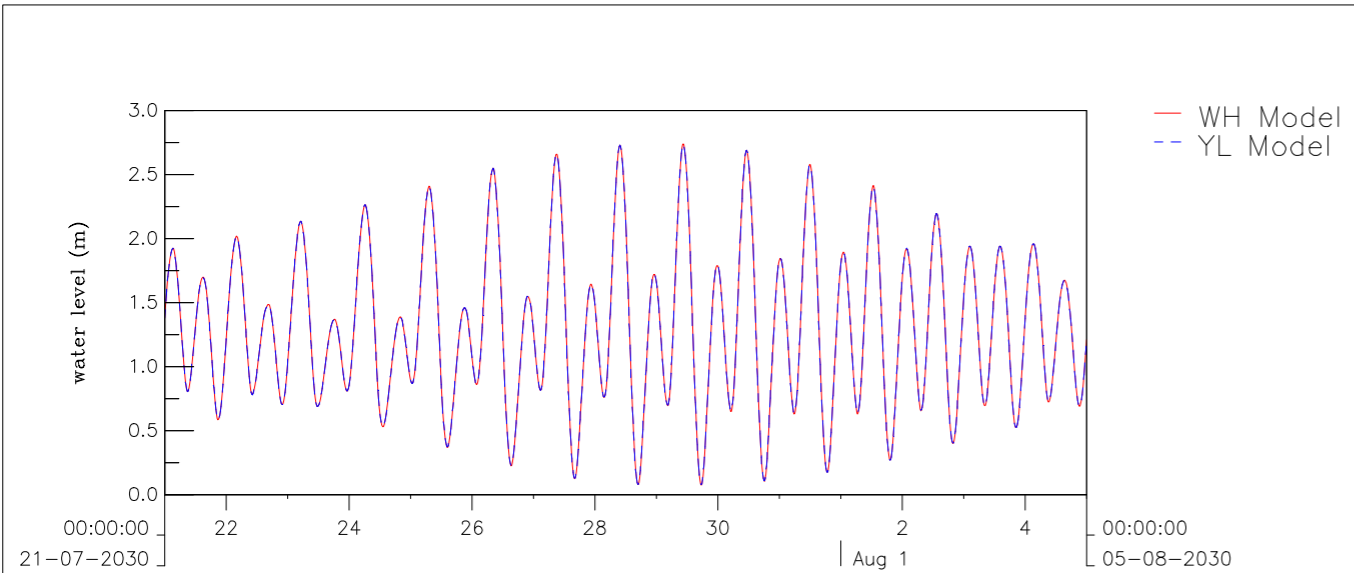
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Water Level, Depth Averaged Current Velocity and Direction at DM2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 10	
AECOM	/GPP/	Verf-w.ssn



Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Salinity at DM2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 11	
AECOM	/GPP/	Verf-w.ssn

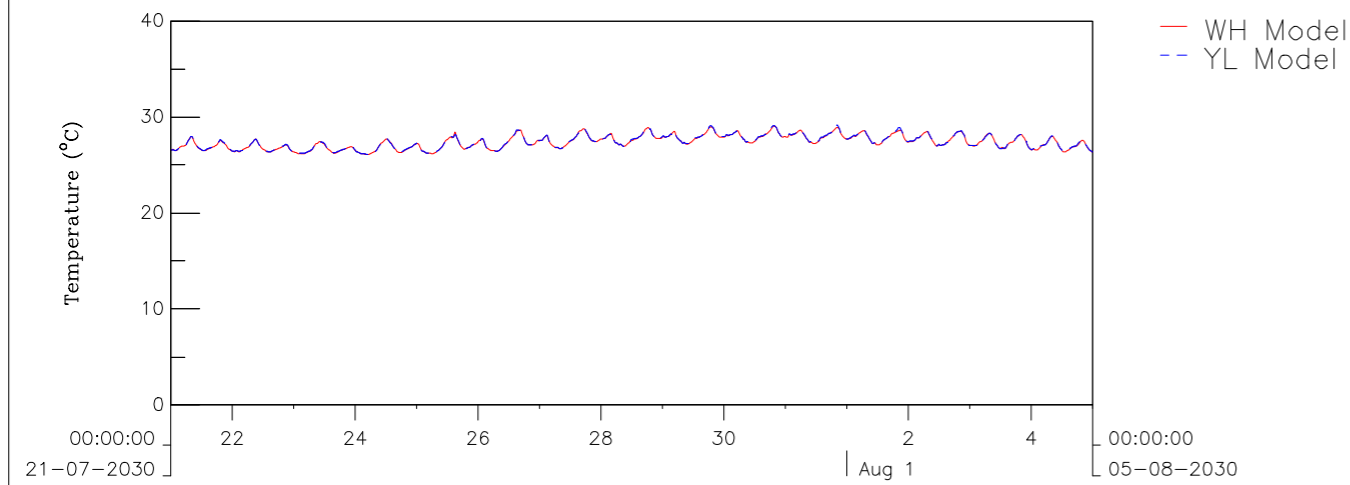
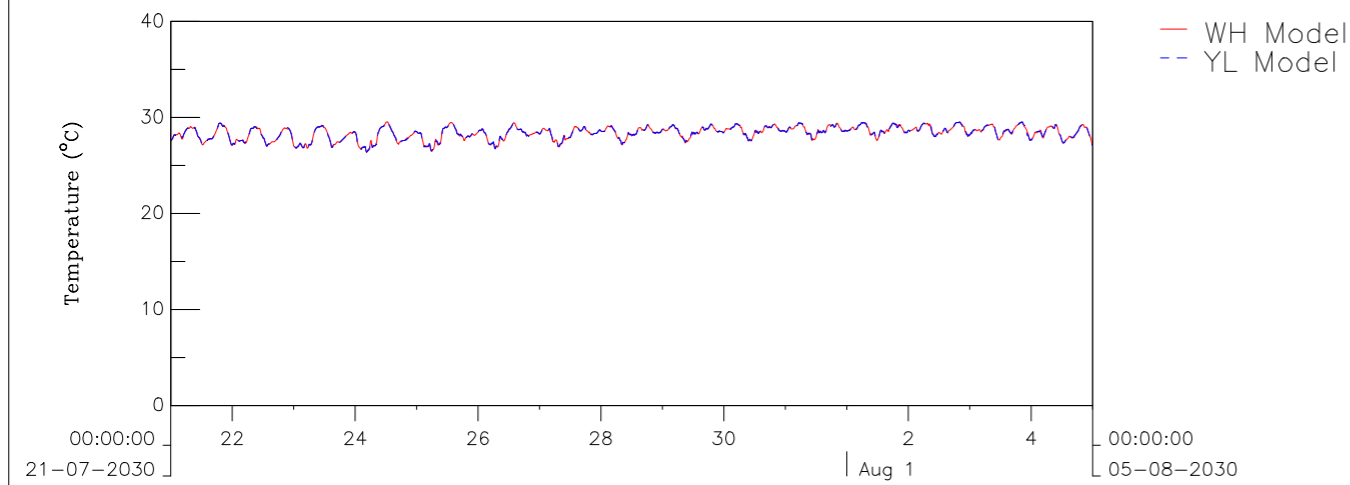
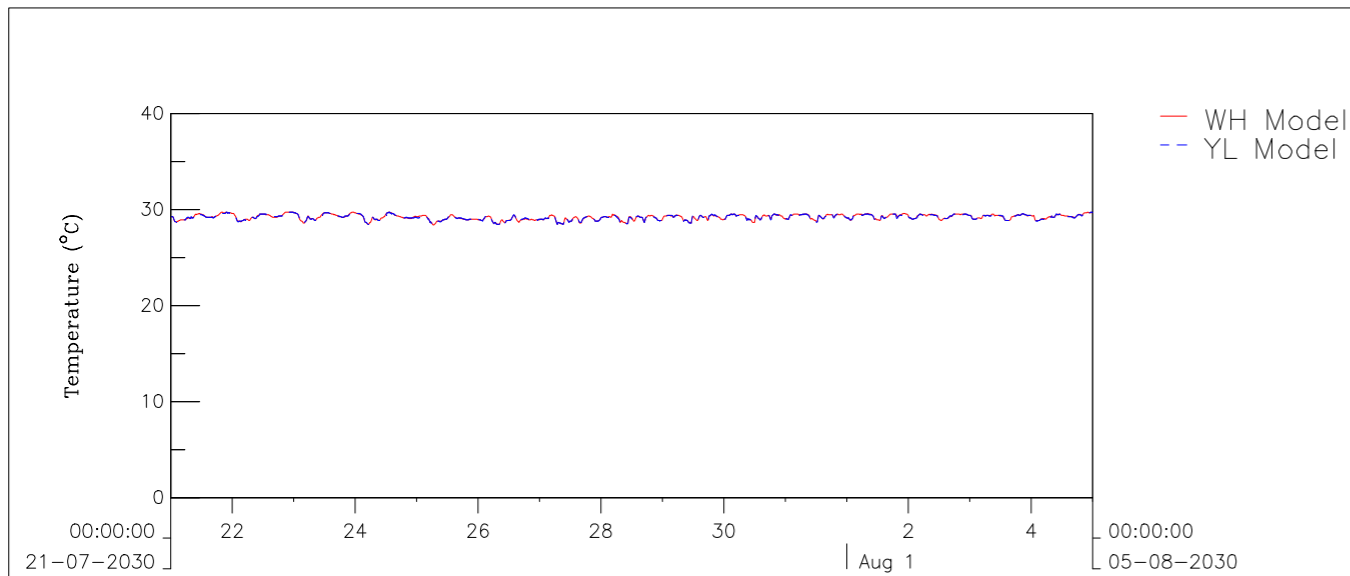


Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Temperature at DM2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 12	
AECOM	/GPP/	Verf-w.ssn

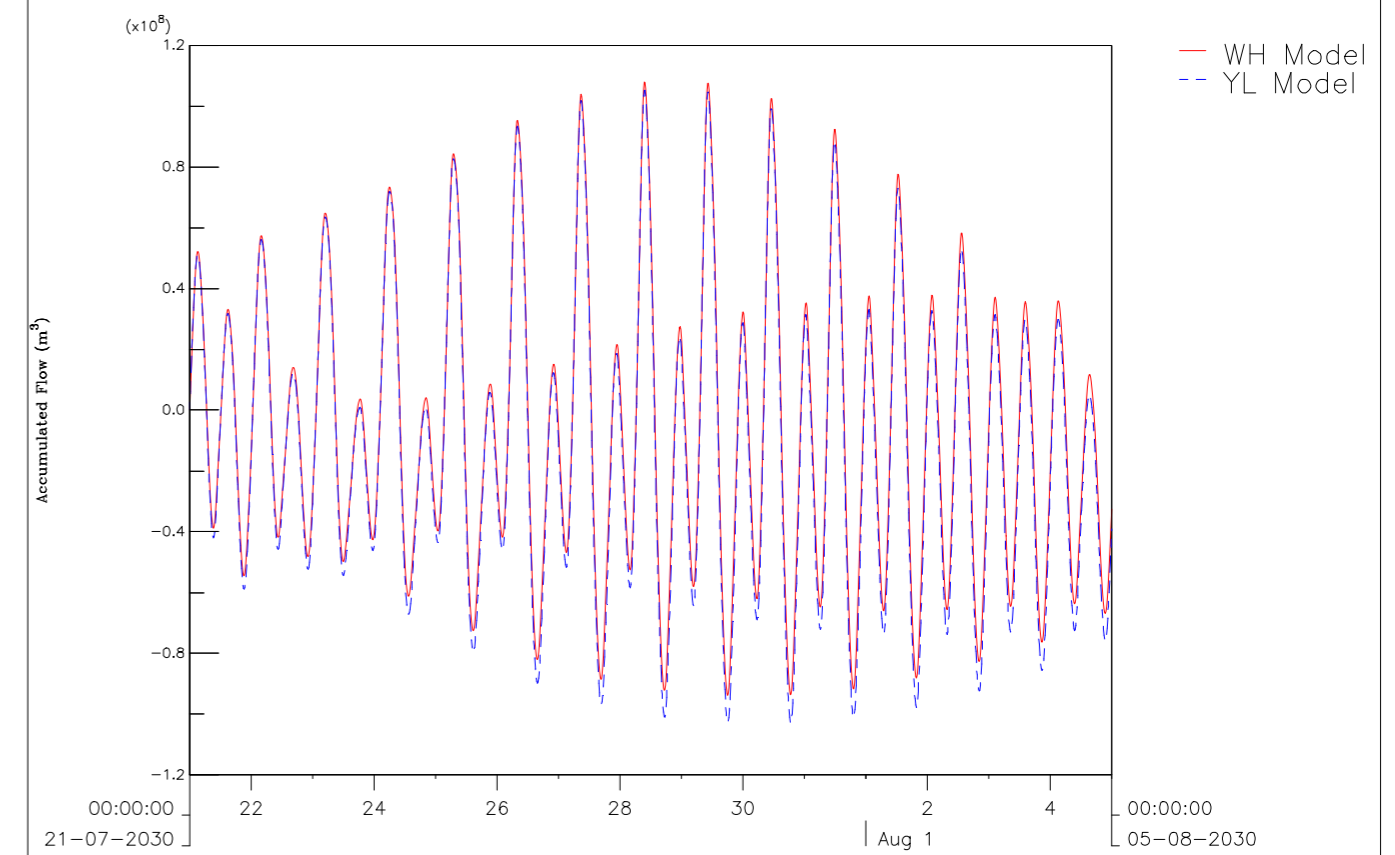
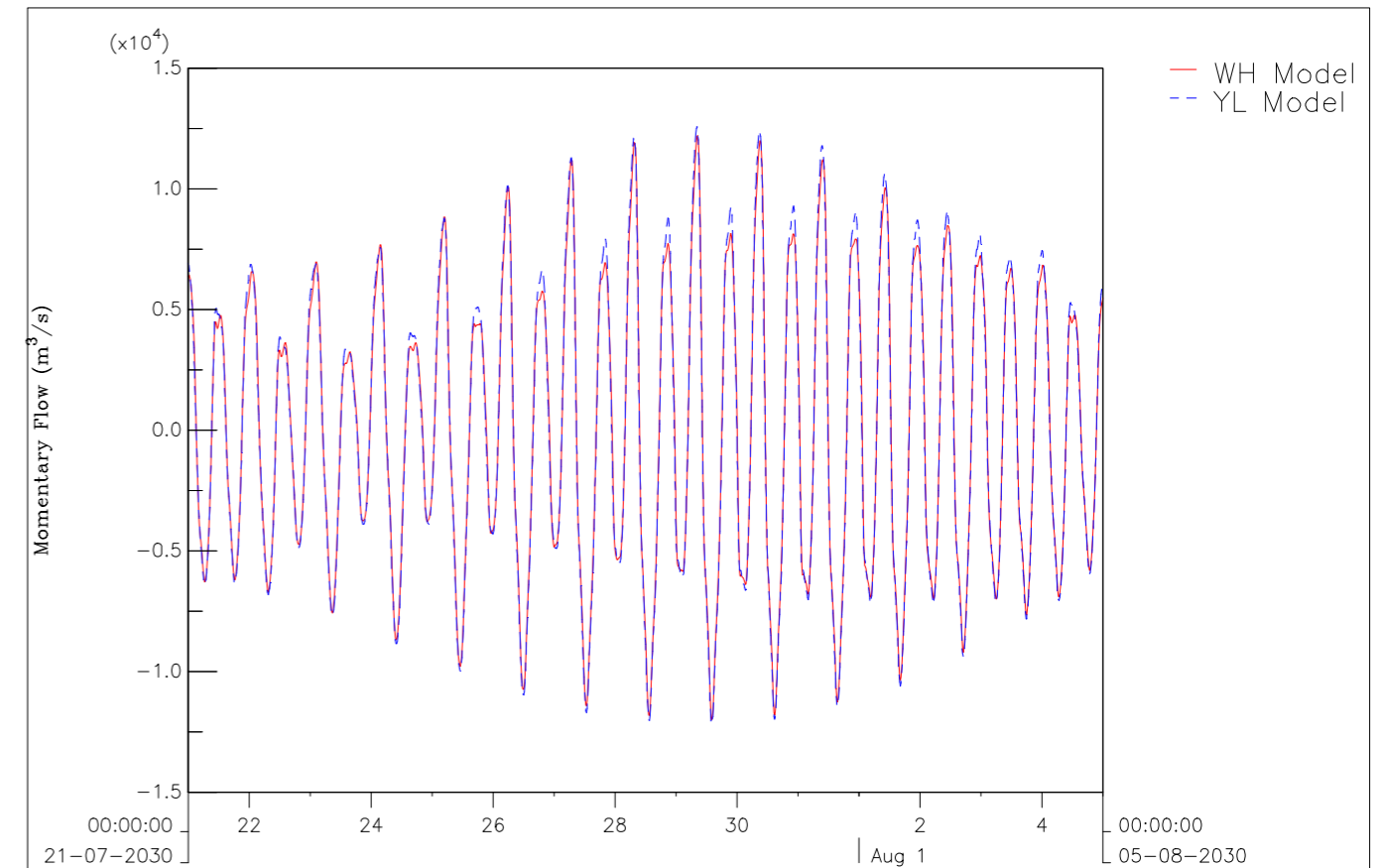


Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Water Level, Depth Averaged Current Velocity and Direction at DM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 13	
AECOM	/GPP/	Verf-w.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Salinity at DM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 14	
AECOM	/GPP/	Verf-w.ssn



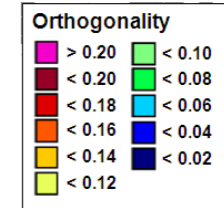
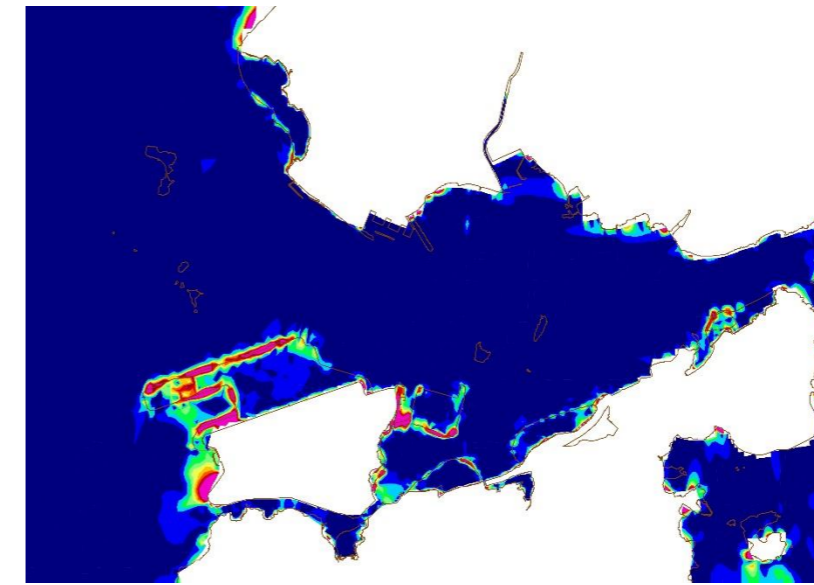
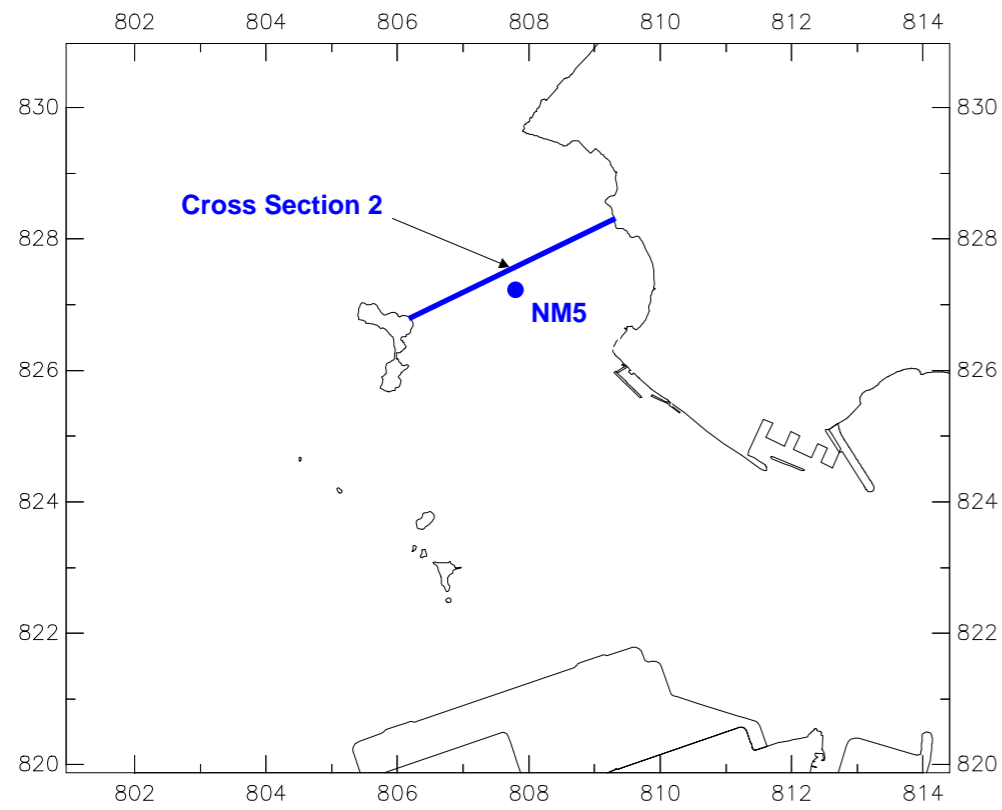
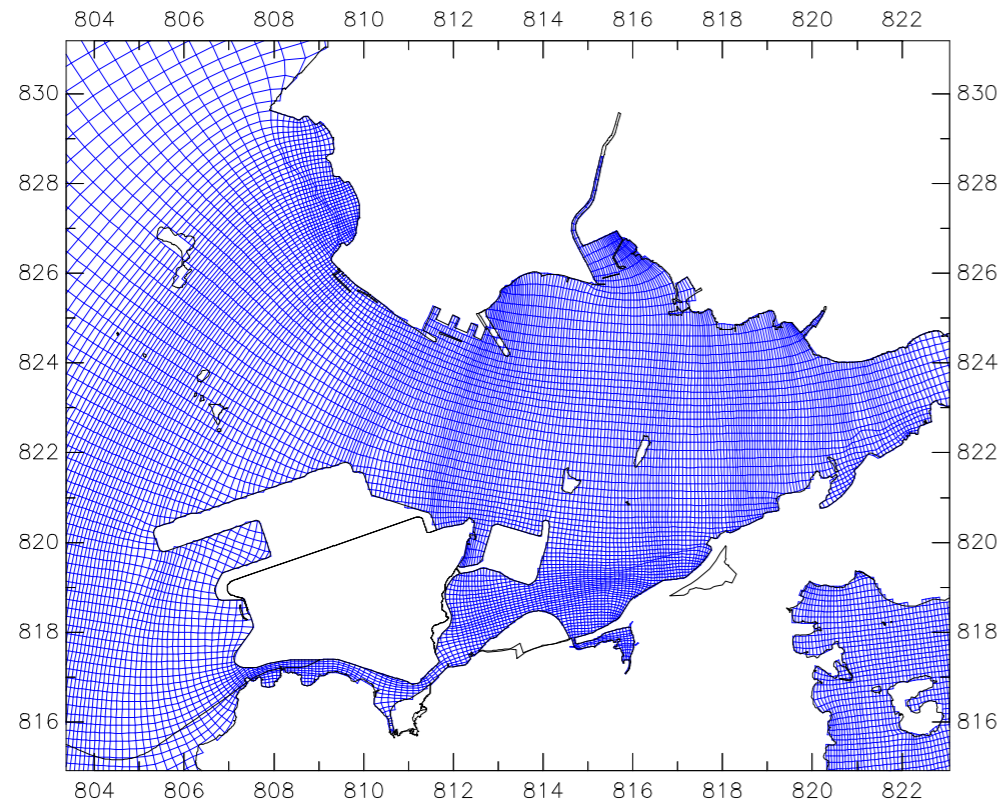
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Temperature at DM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 15	
AECOM	/GPP/	Verf-w.ssn



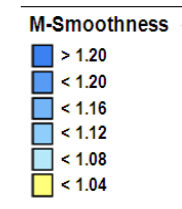
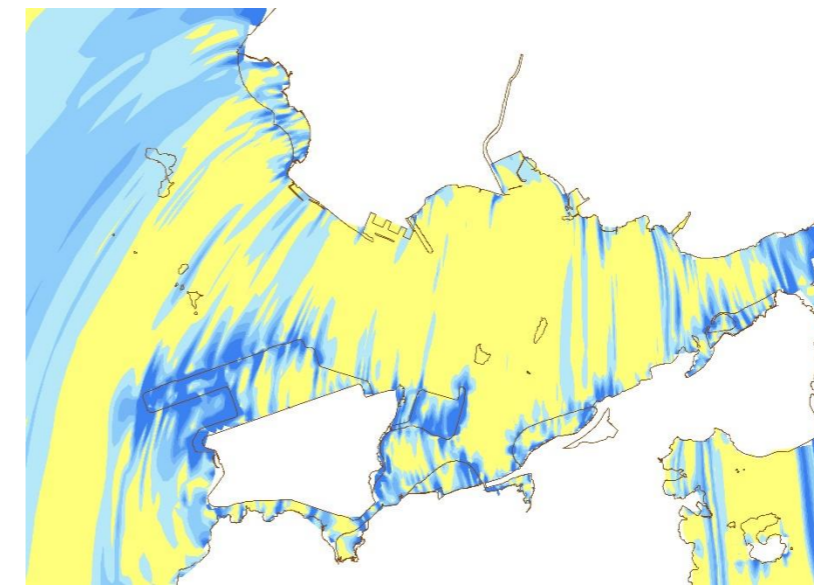
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Momentary Flow and Accumulated Flow through Cross Section for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 16	
AECOM	/GPP/	Verf-w.ssn



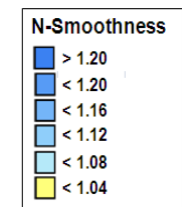
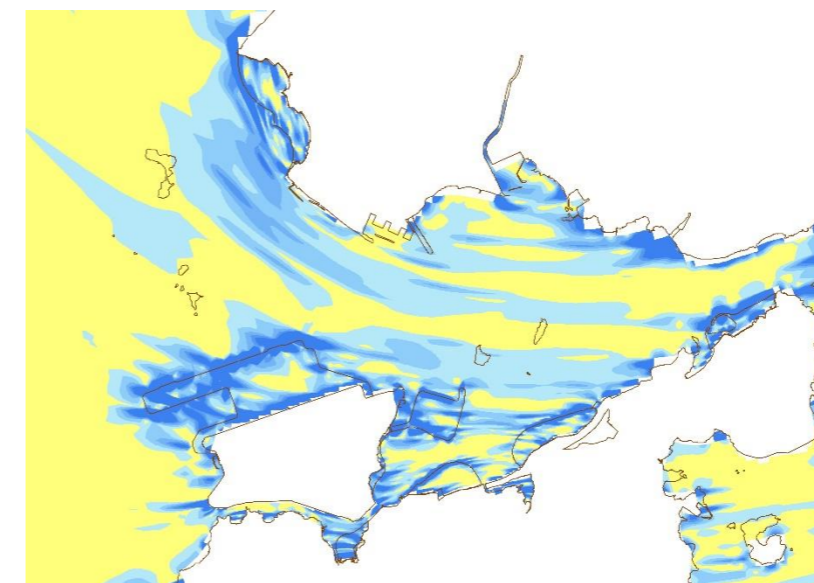
## Appendix 5.2 Model Grid Properties



**Orthogonality**

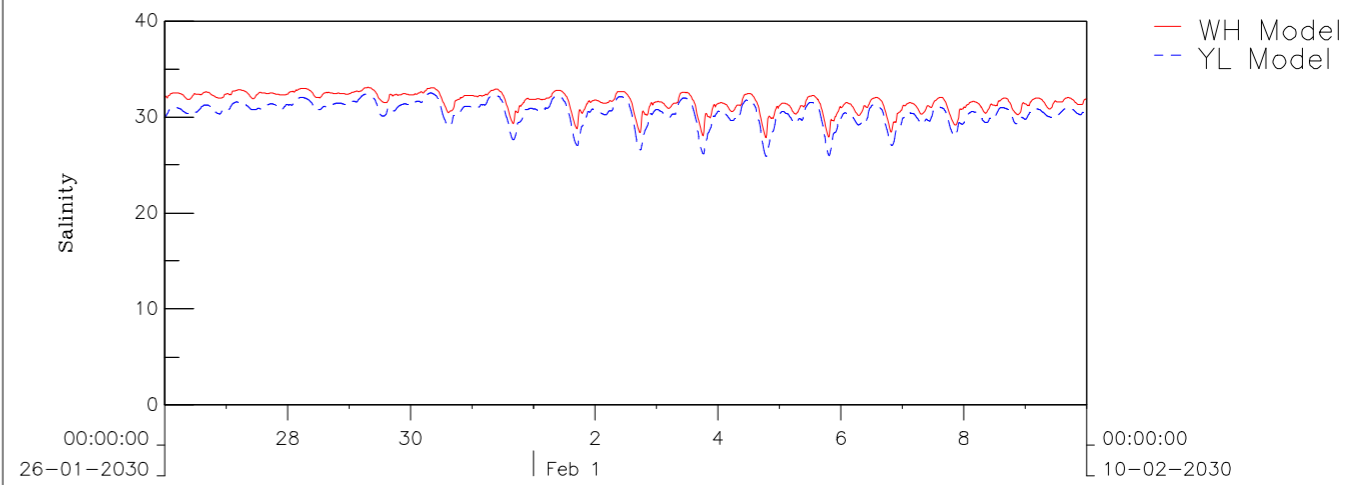
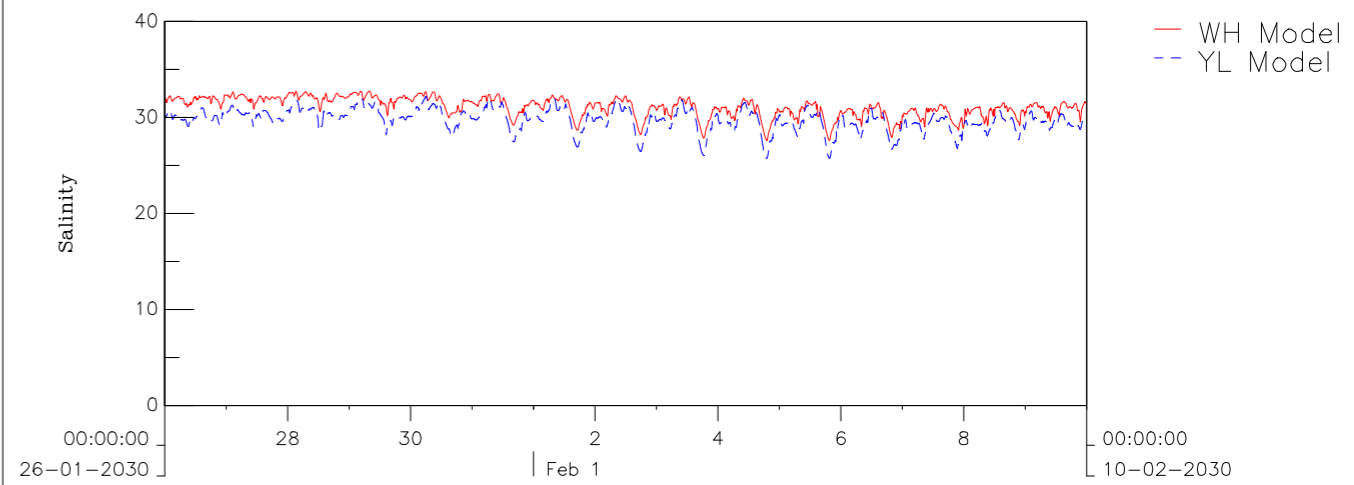
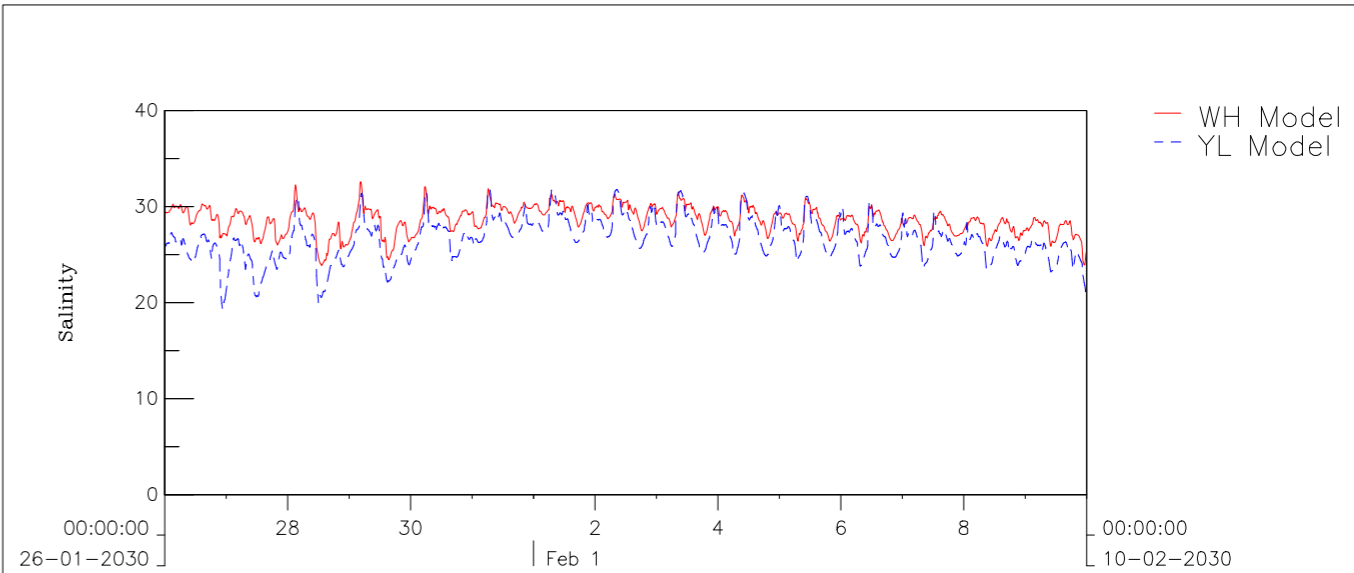
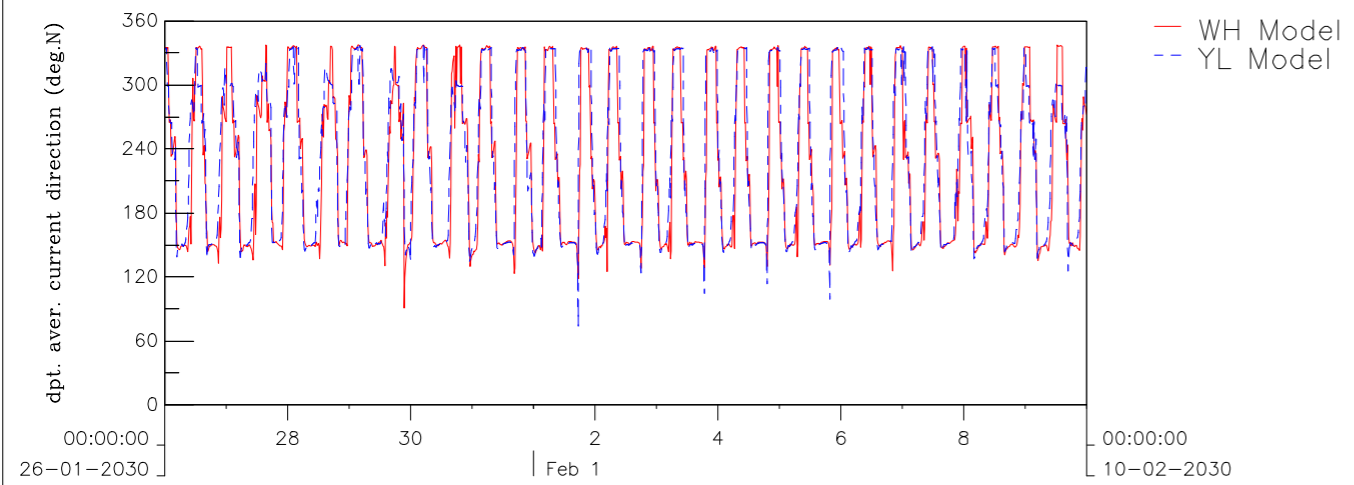
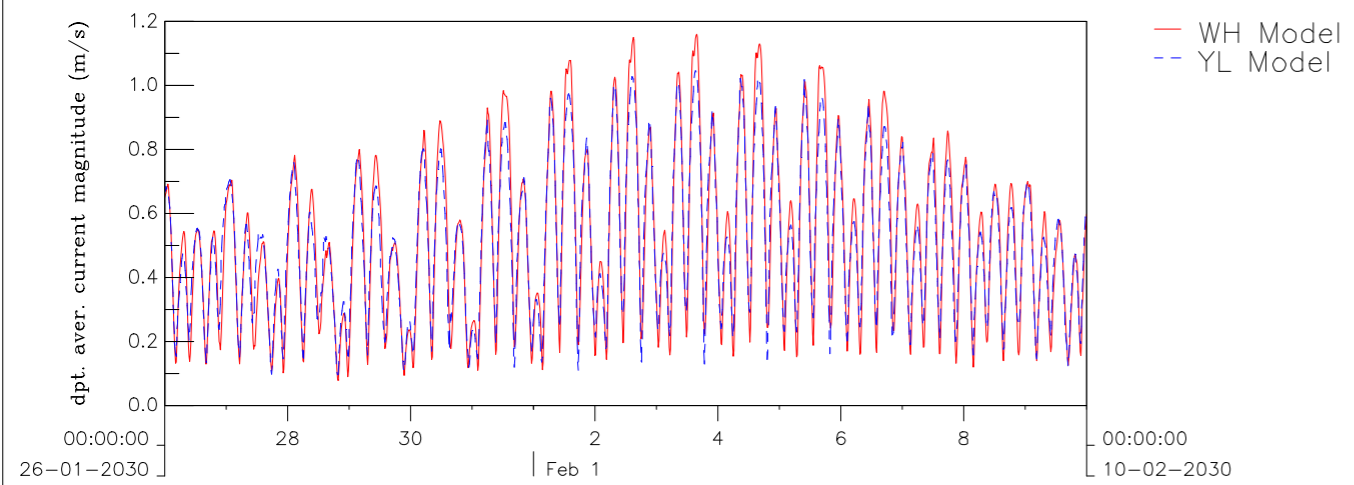
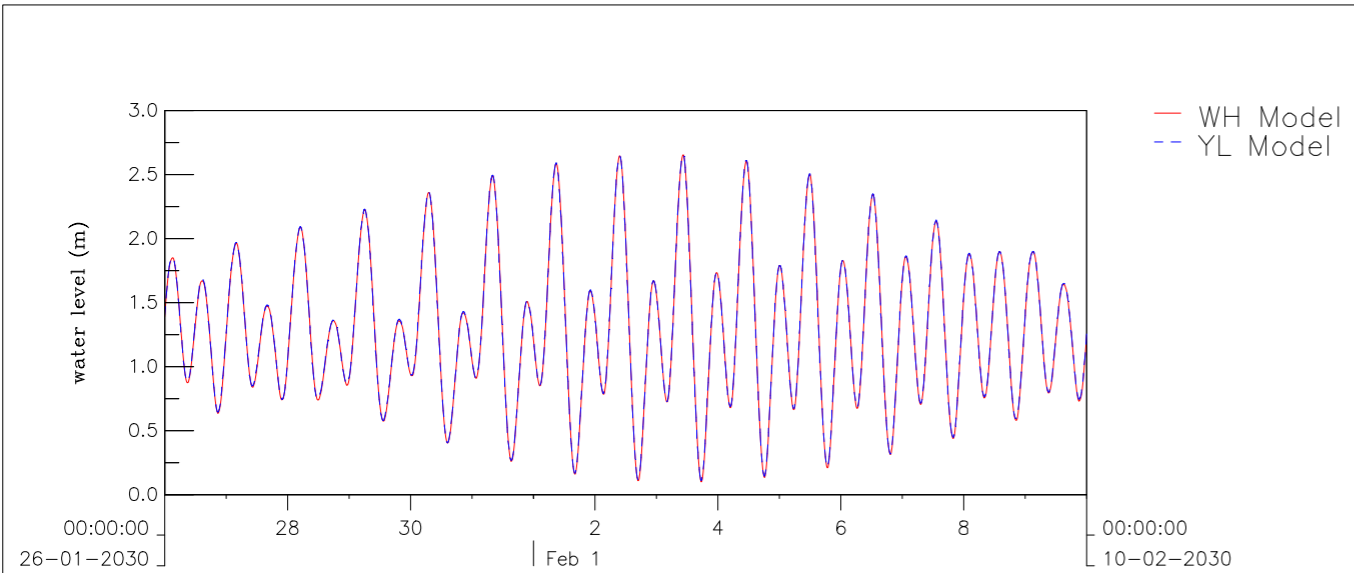


**M-Smoothness**



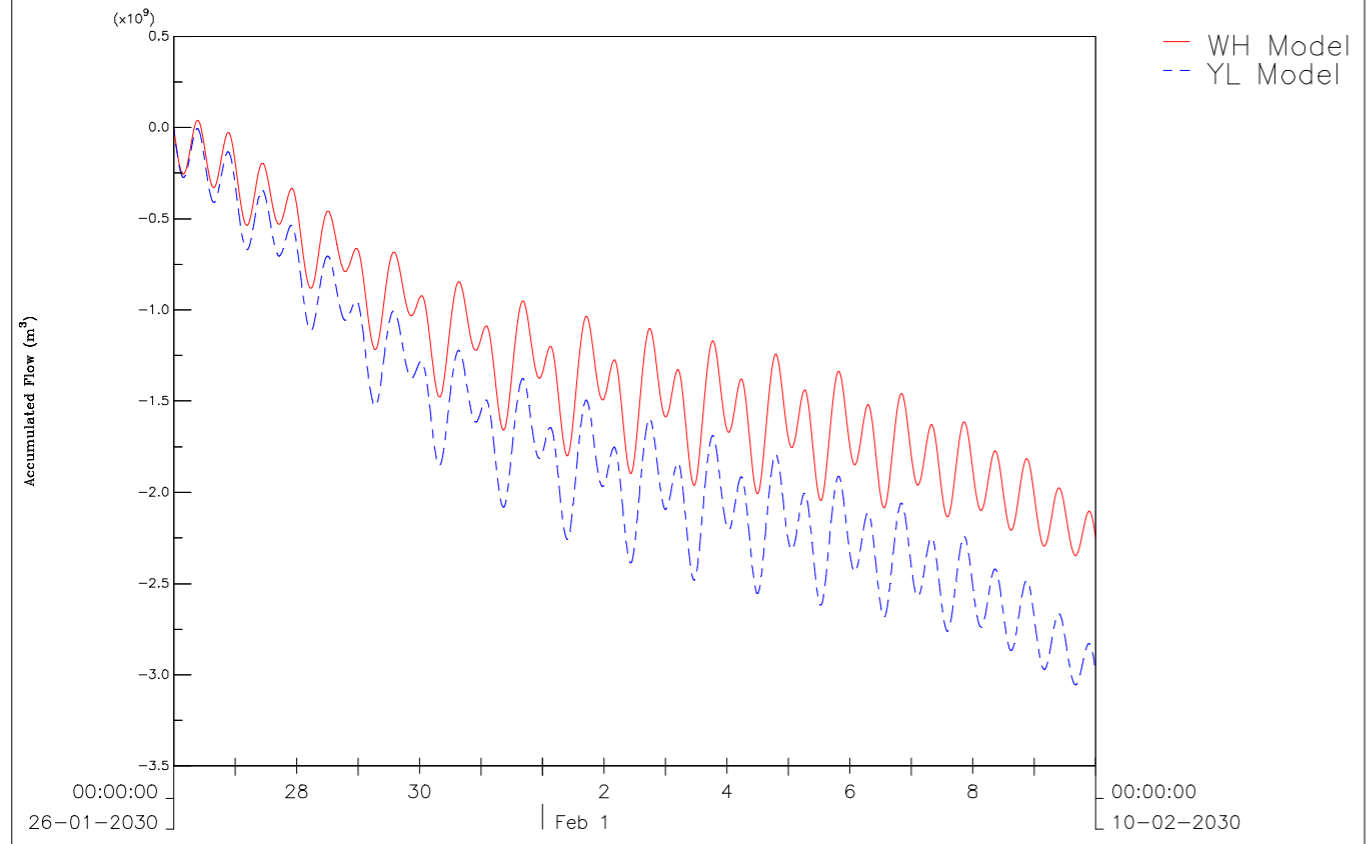
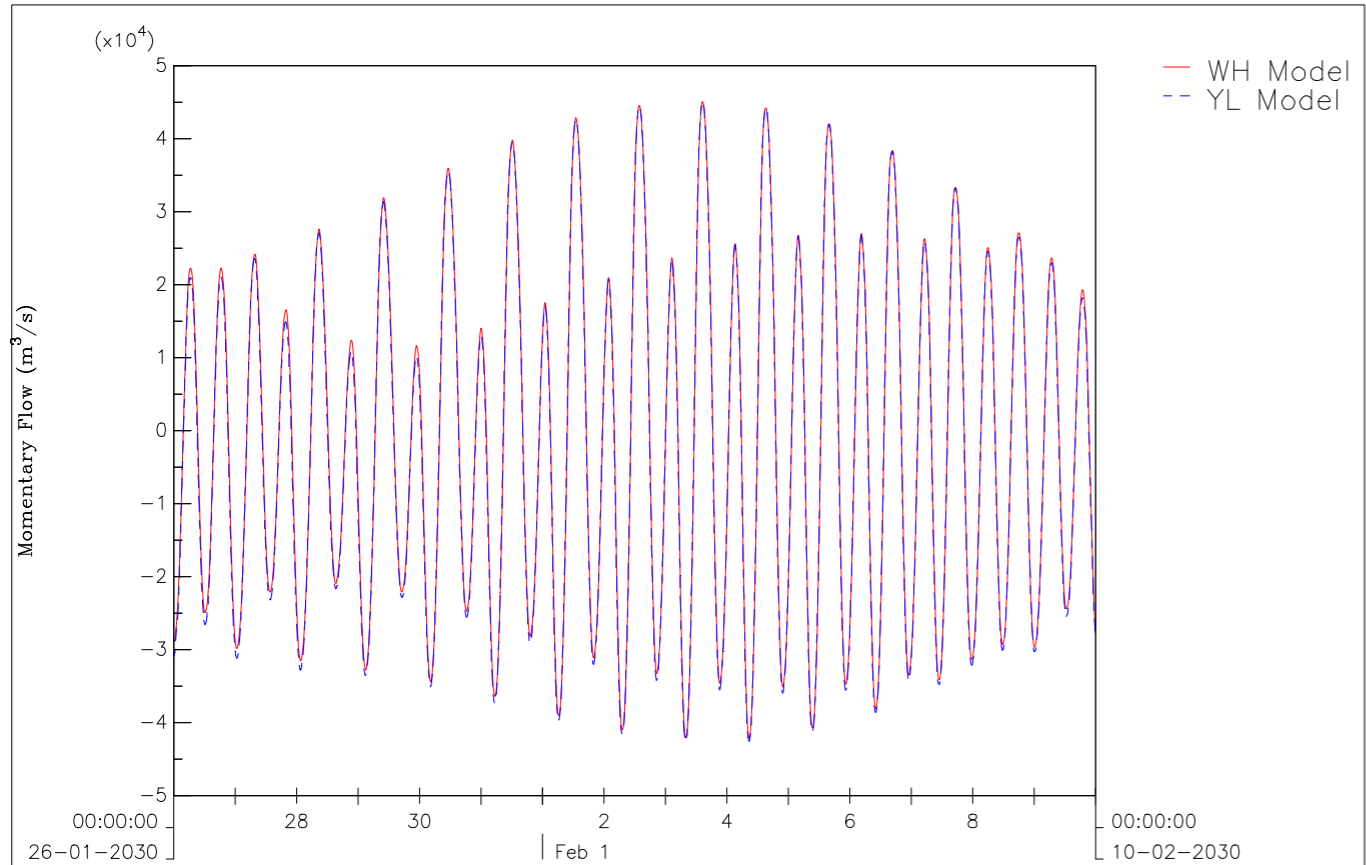
**N-Smoothness**

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Yuen Long (YL) Model Grid Layout and Coverage Zoom-in at: North Western Water Control Zone		
		Appendix 5.2 – 17
AECOM	/GPP	grid.ssn

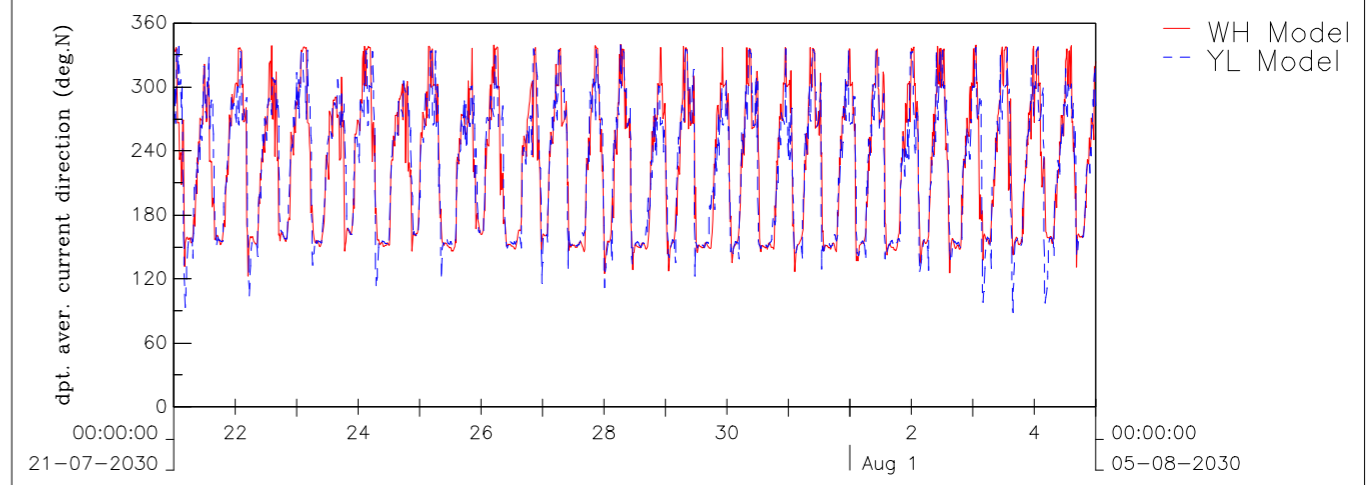
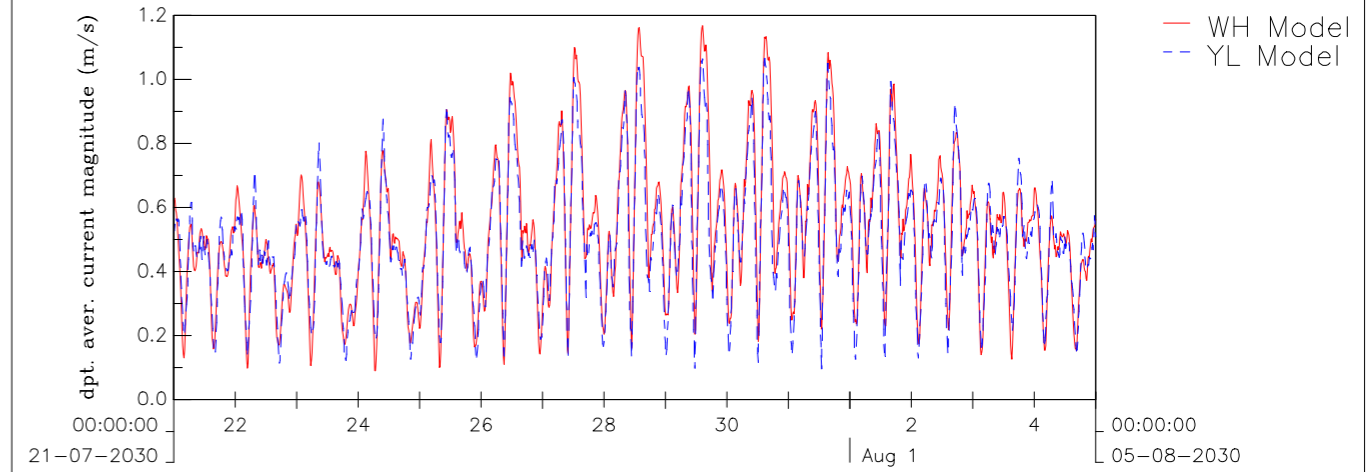
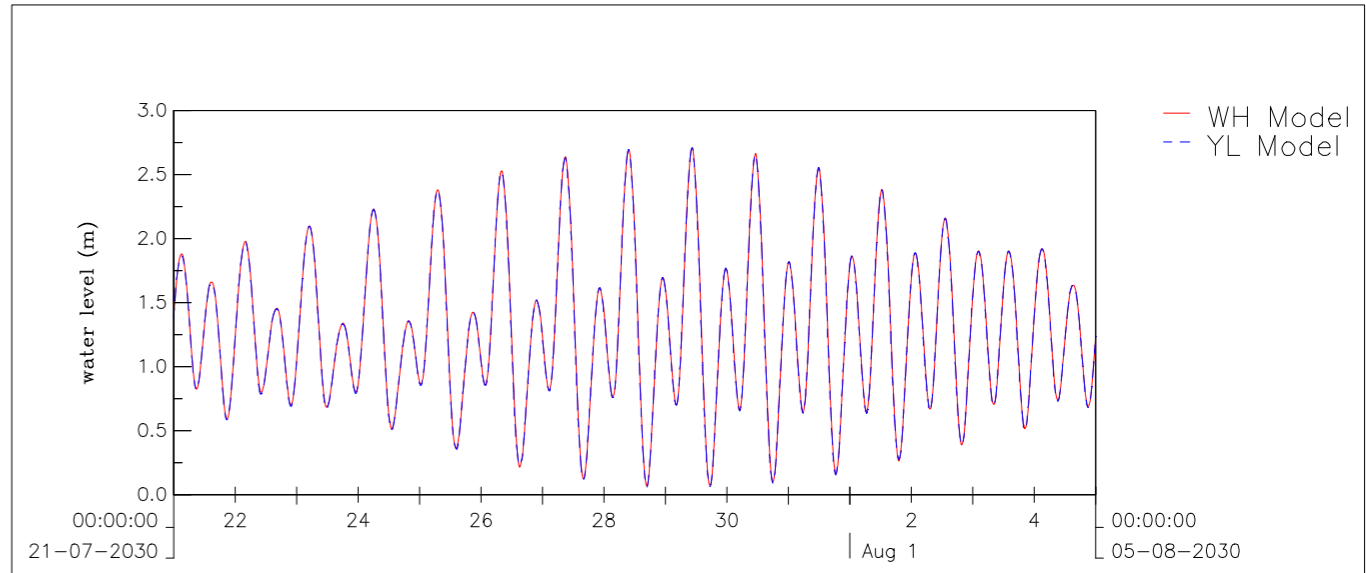


Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Water Level, Depth Averaged Current Velocity and Direction at NM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 19	
AECOM	/GPP/	Verf-d2.ssn

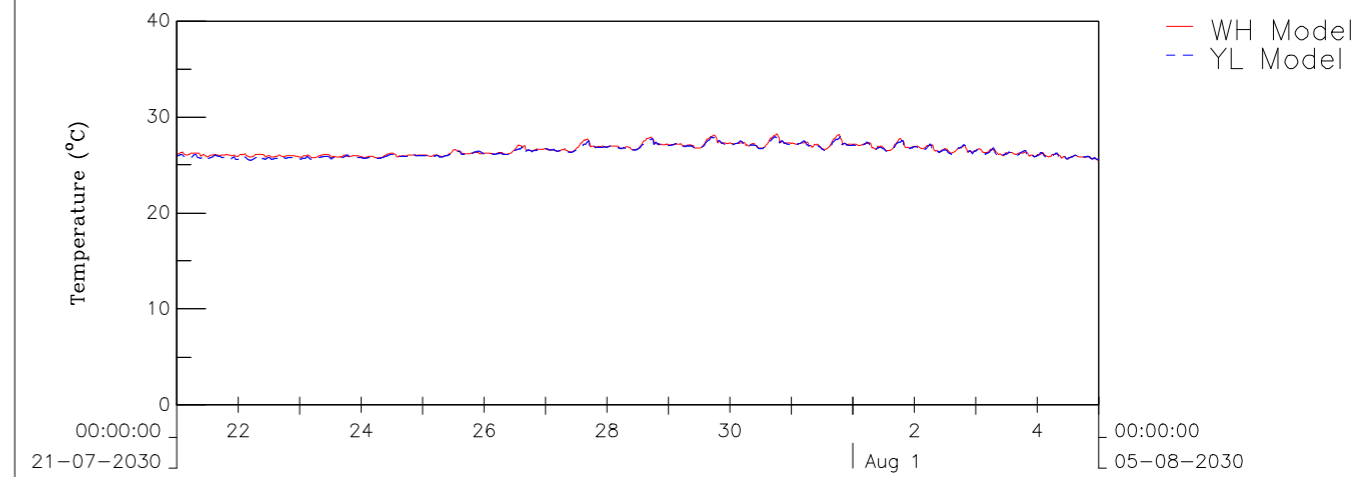
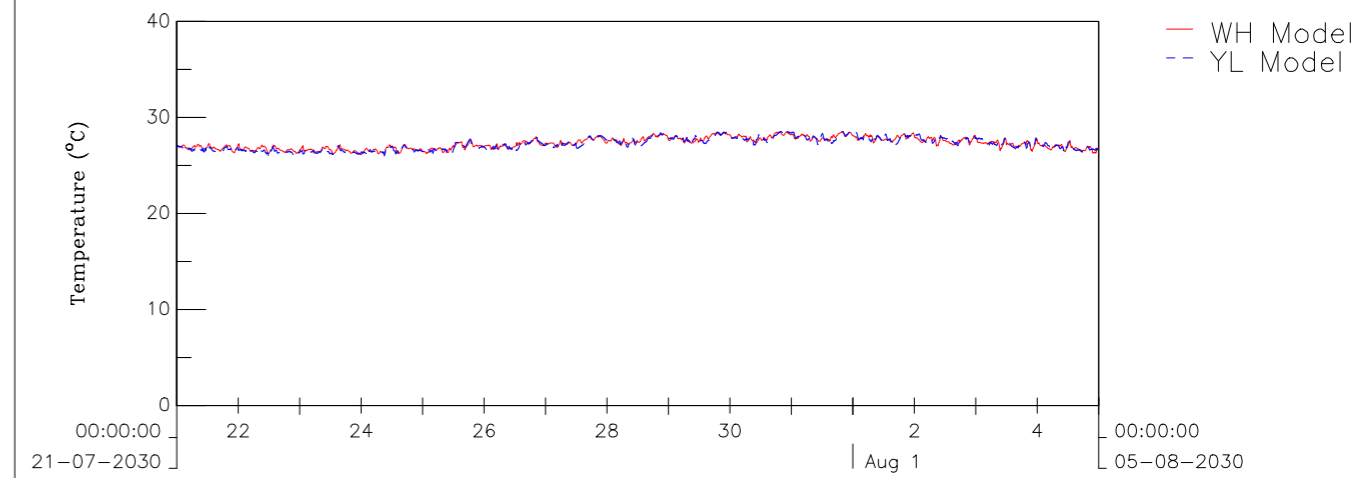
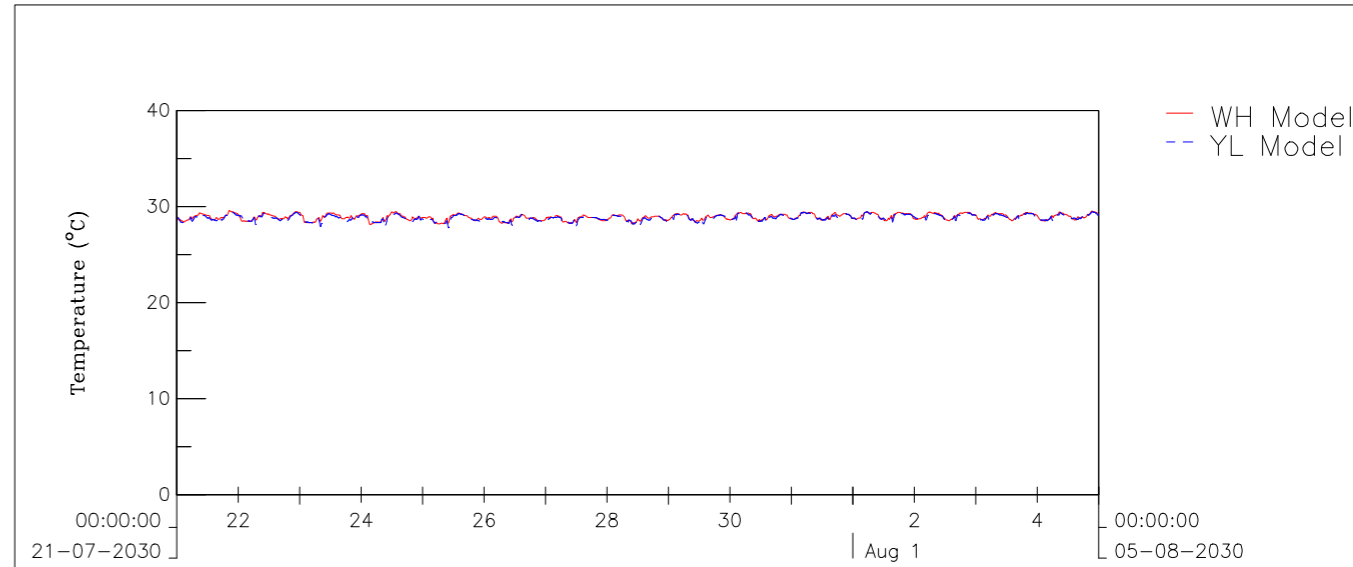
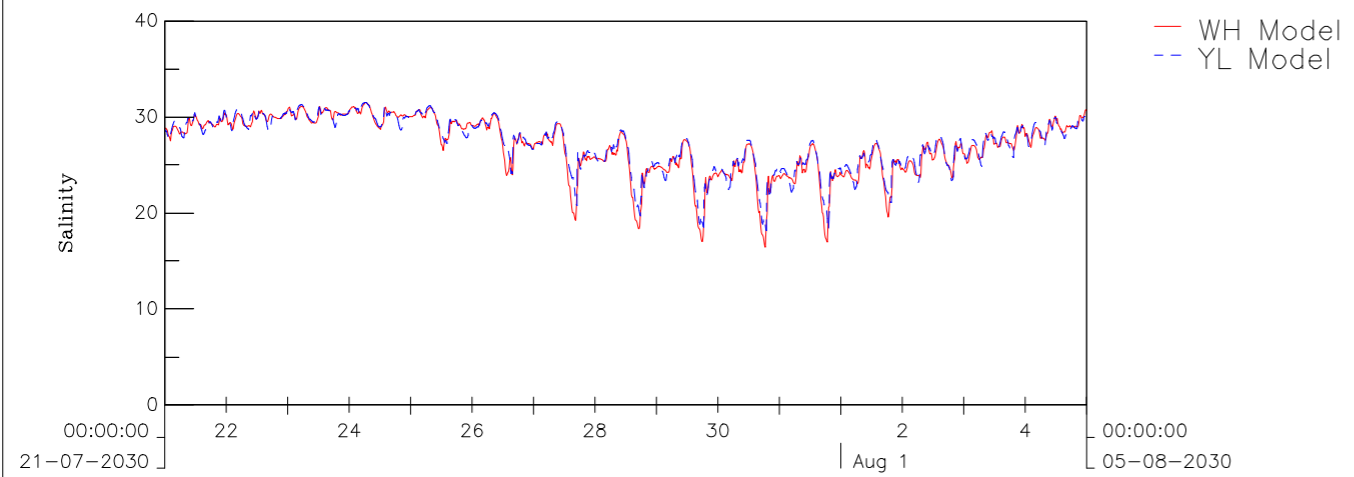
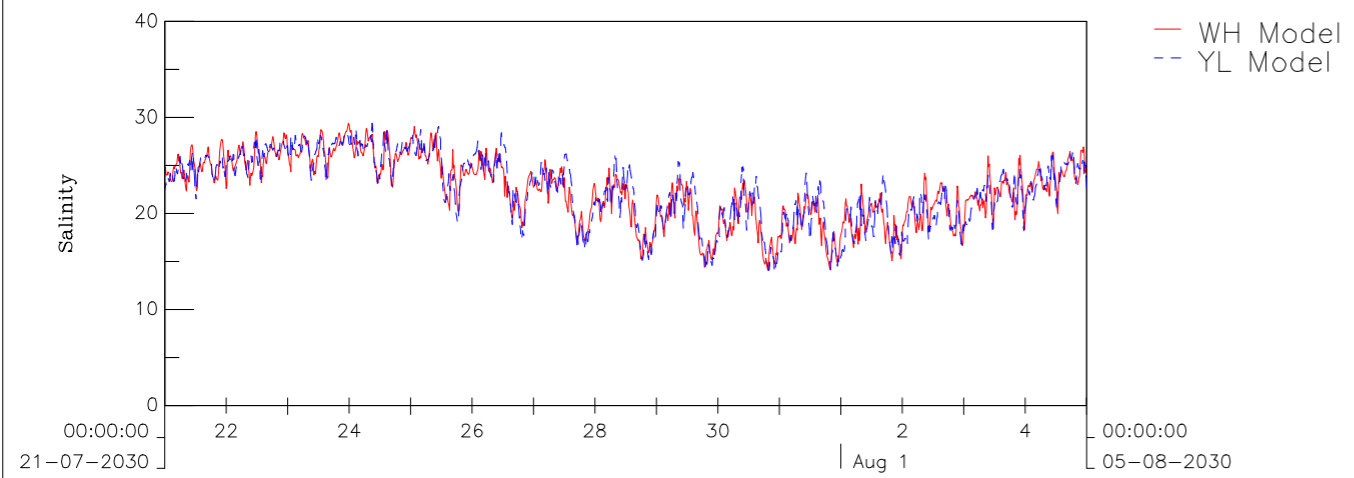
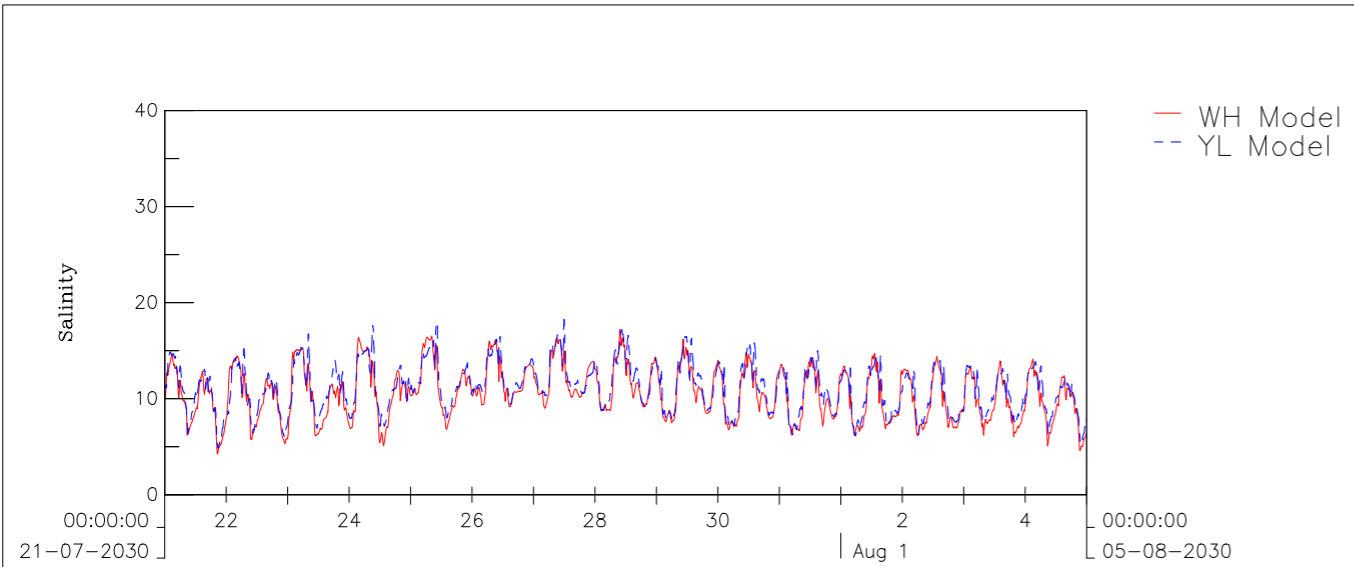
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Salinity at NM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 20	
AECOM	/GPP/	Verf-d2.ssn



Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Momentary Flow and Accumulated Flow through Cross Section 2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 21	
AECOM	/GPP/	Verf-d2.ssn

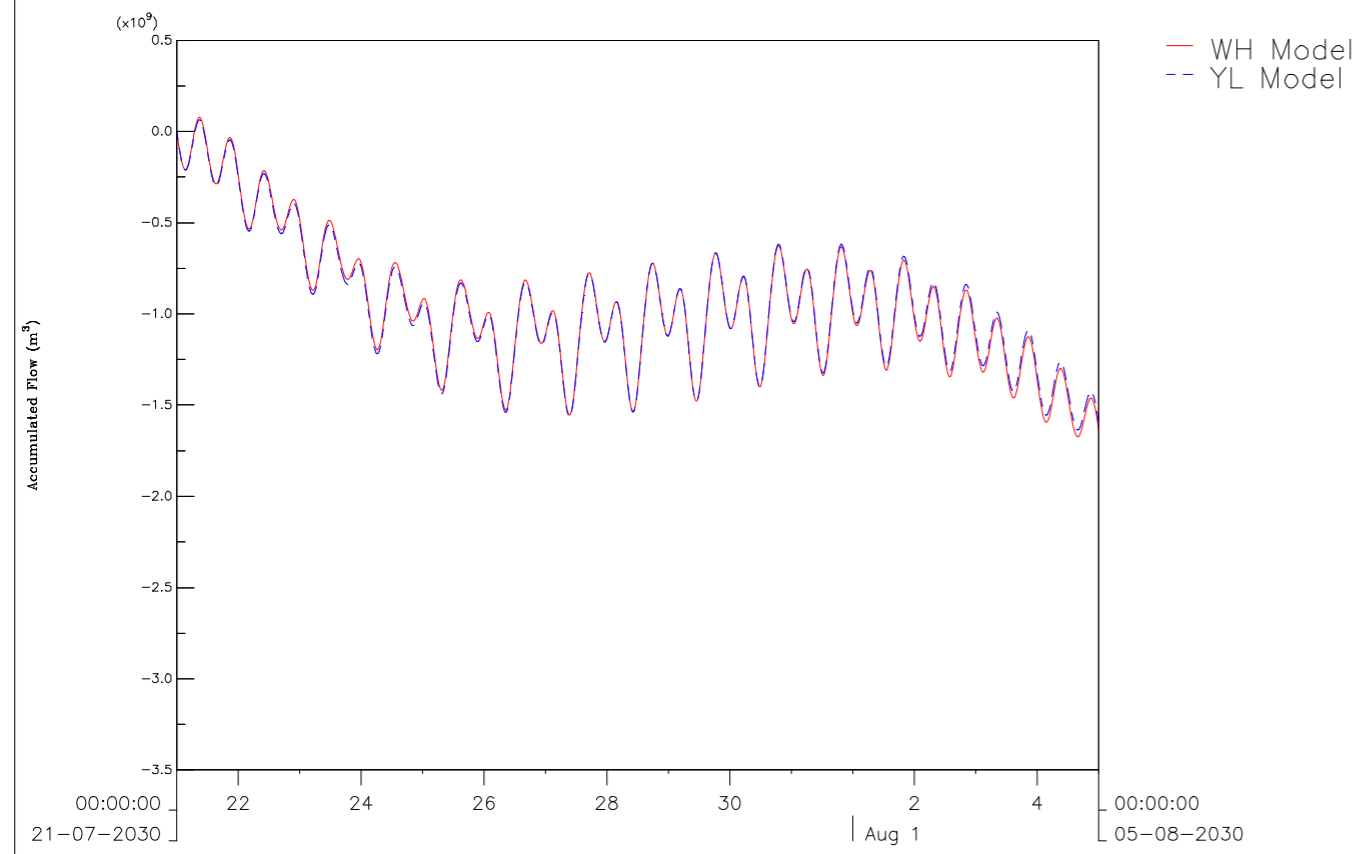
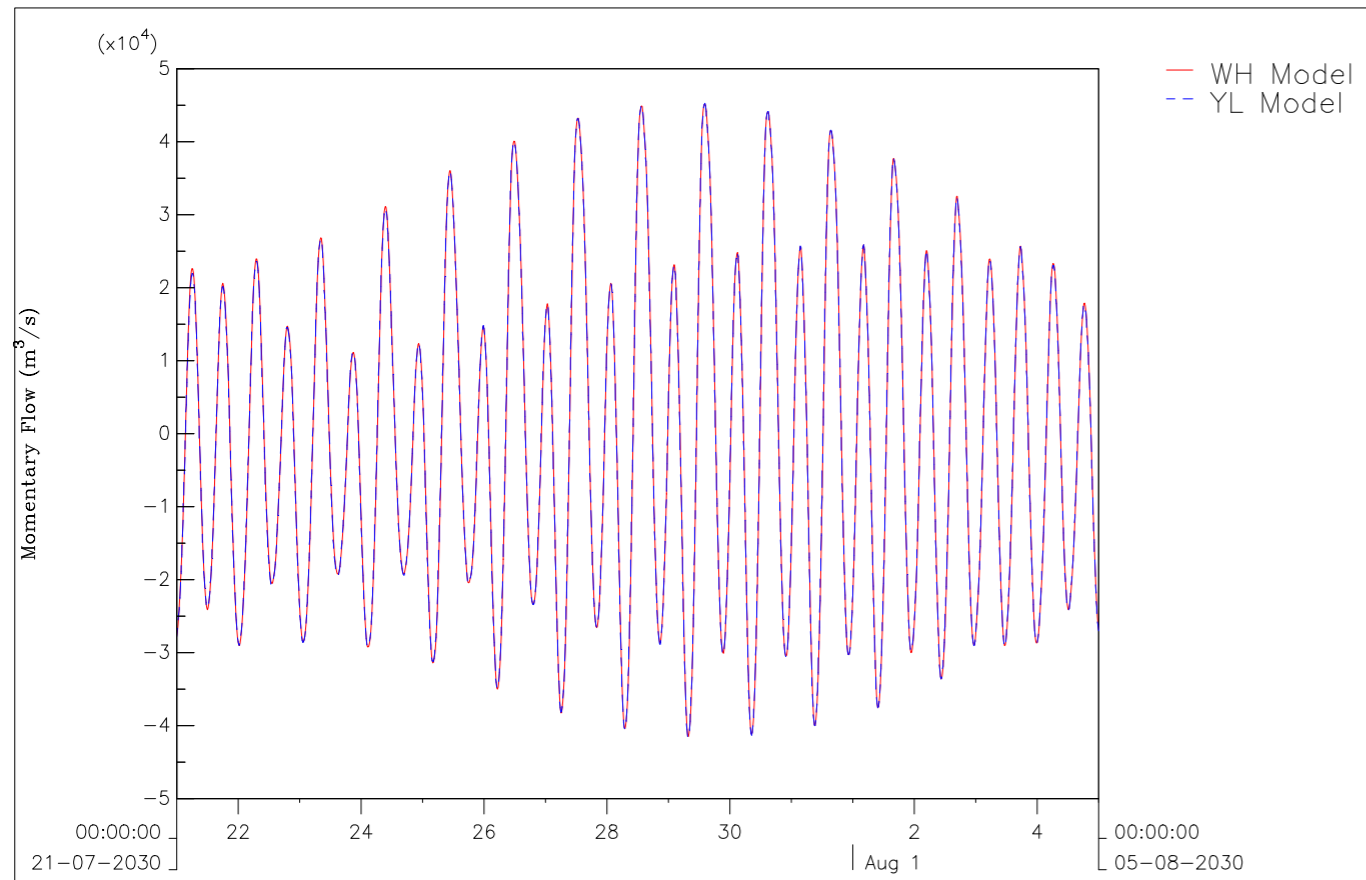


Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Water Level, Depth Averaged Current Velocity and Direction at NM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 22	
AECOM	/GPP/	Verf-w2.ssn



Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Salinity at NM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 23	
AECOM	/GPP/	Verf-w2.ssn

Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Temperature at NM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 24	
AECOM	/GPP/	Verf-w2.ssn



Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Momentary Flow and Accumulated Flow through Cross Section 2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 25	
AECOM	/GPP/	Verf-w2.ssn

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