

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

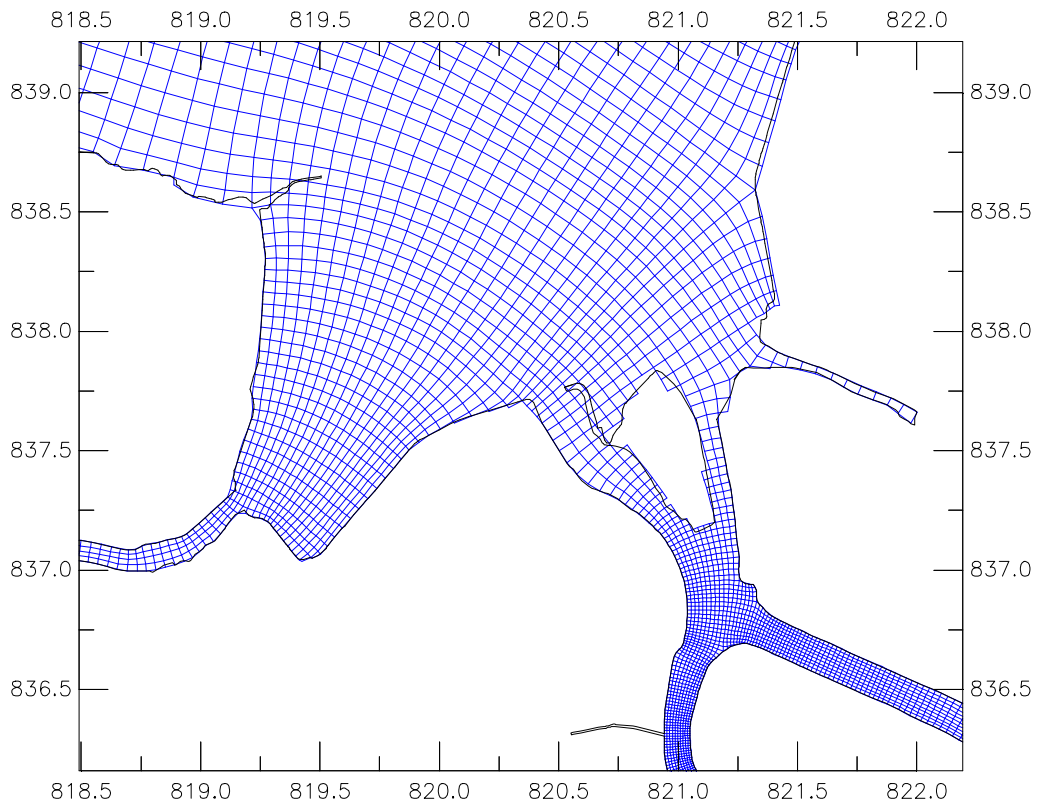
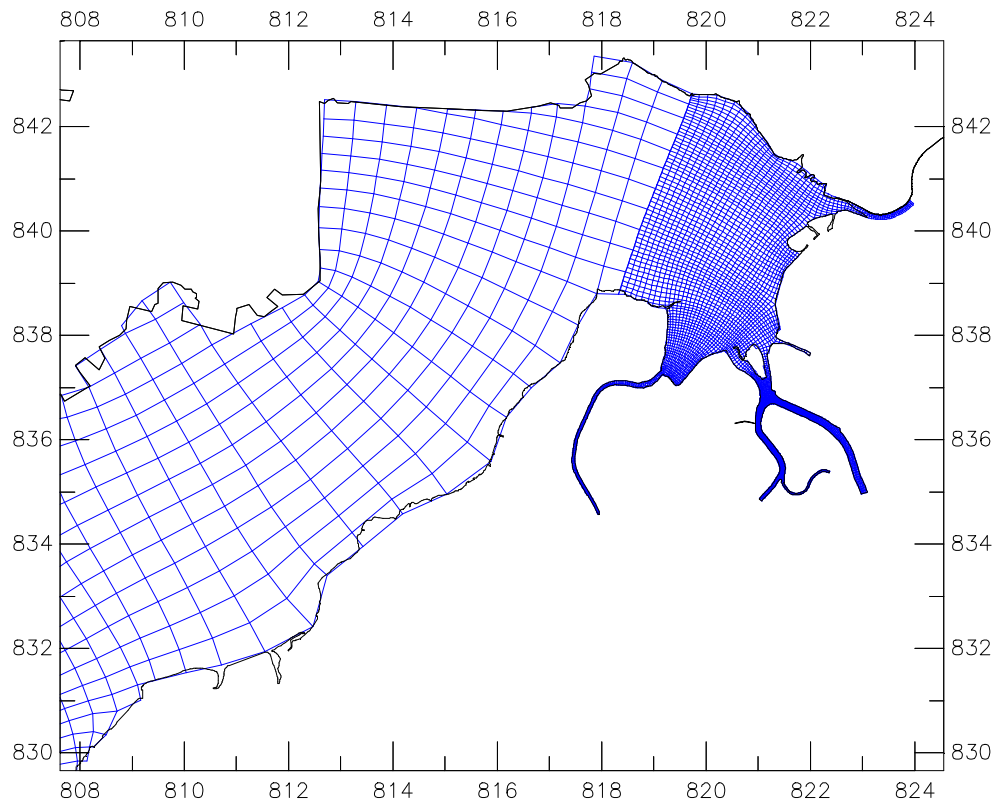
Overview

Appendix 5.2 – 01

AECOM

/GPP

grid.ssn



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 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

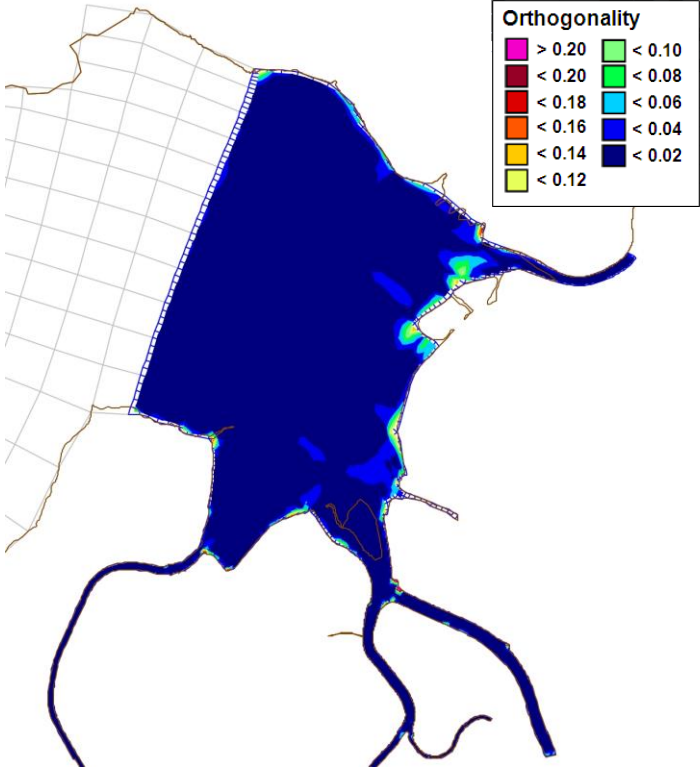
Appendix 5.2 – 02

AECOM

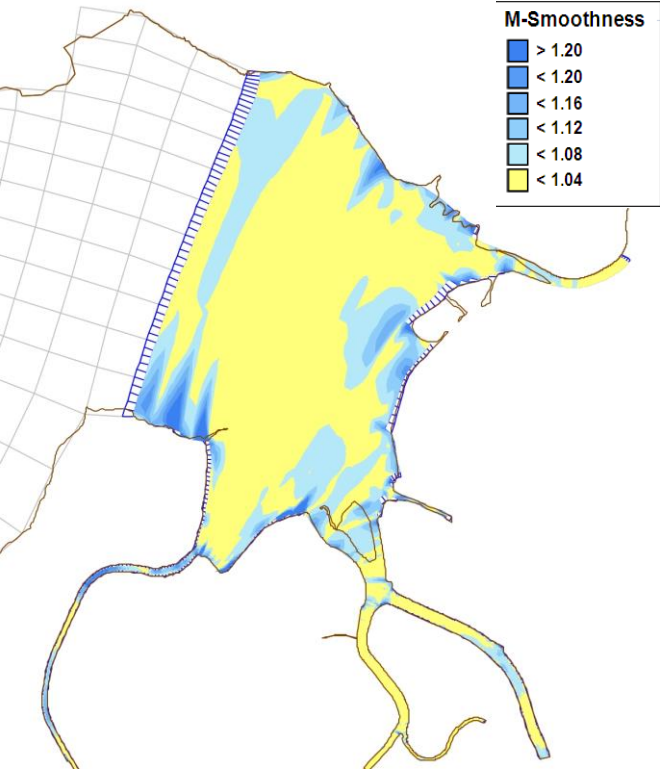
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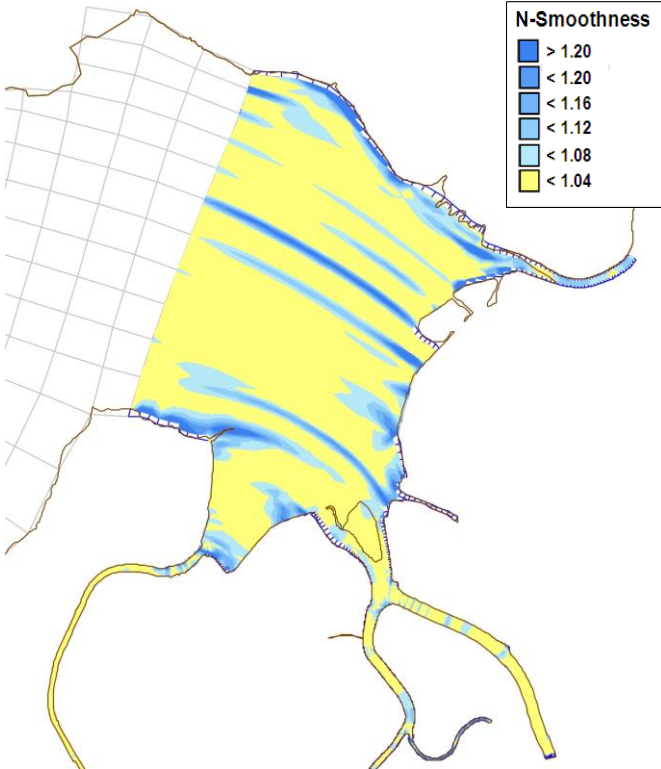
Appendix 5.2 Model Grid Properties



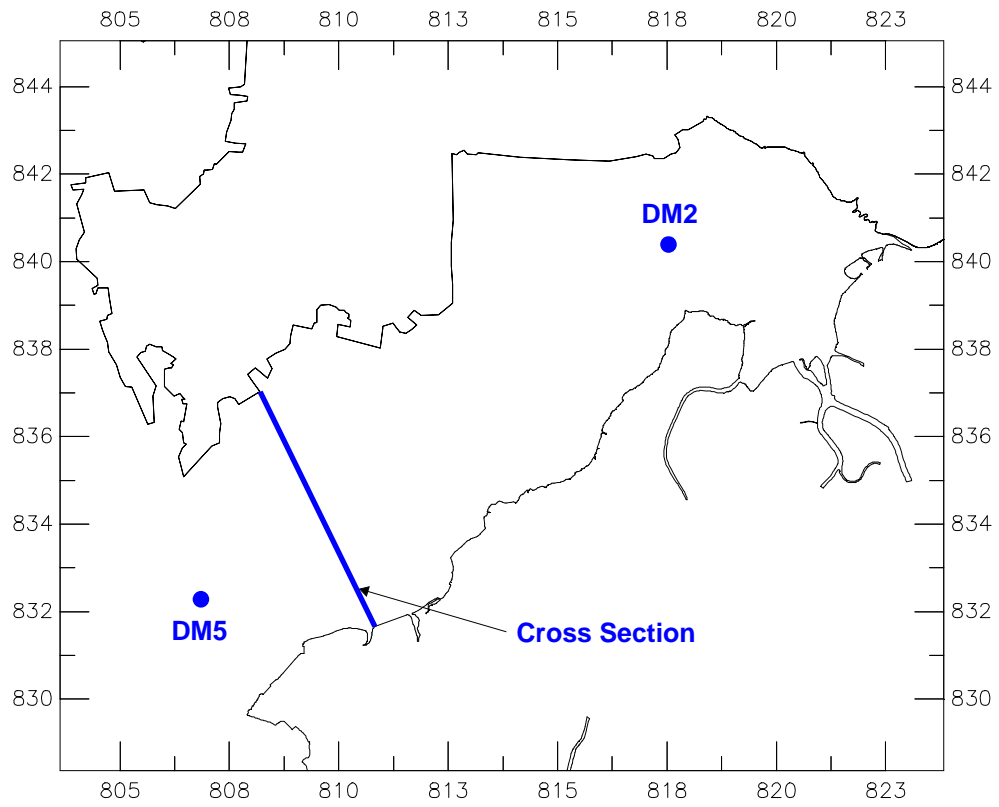
Orthogonality



M-Smoothness



N-Smoothness



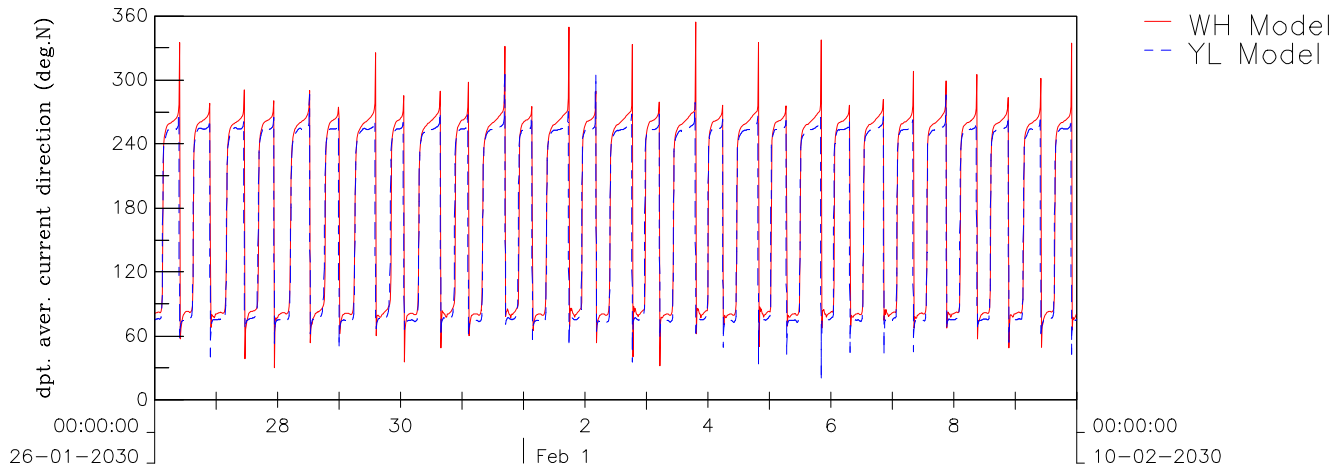
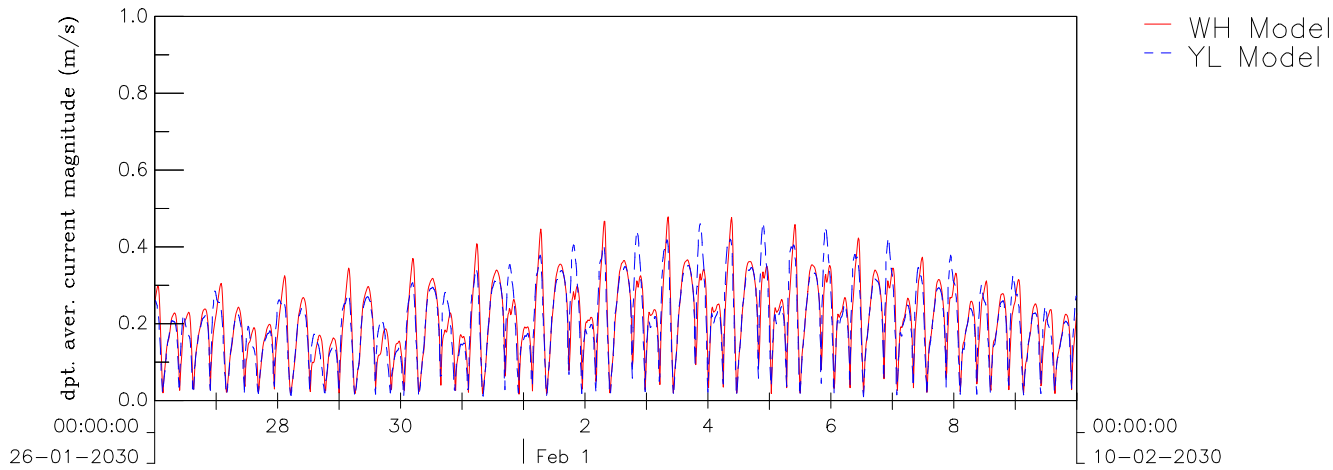
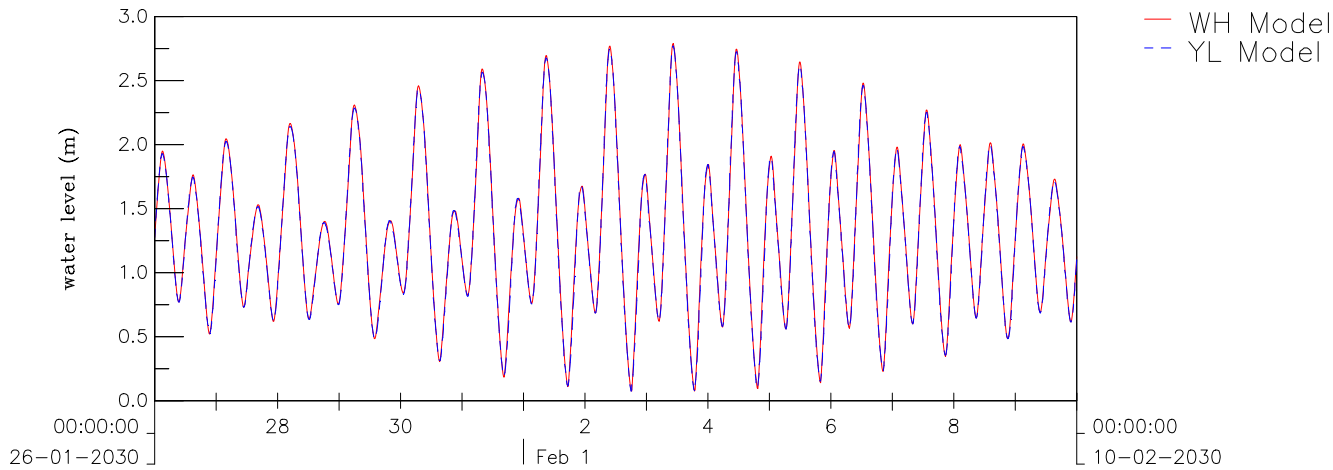
Agreement No. CE 6/2019 (DS)
 Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation
 Locations of Indicator Points and Cross-Section

Appendix 5.2 – 04

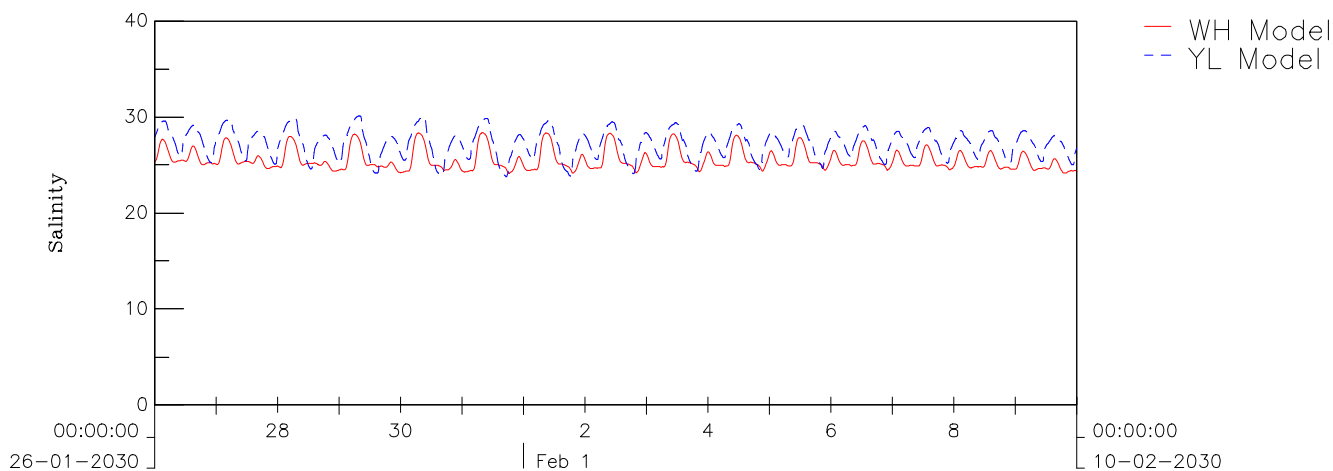
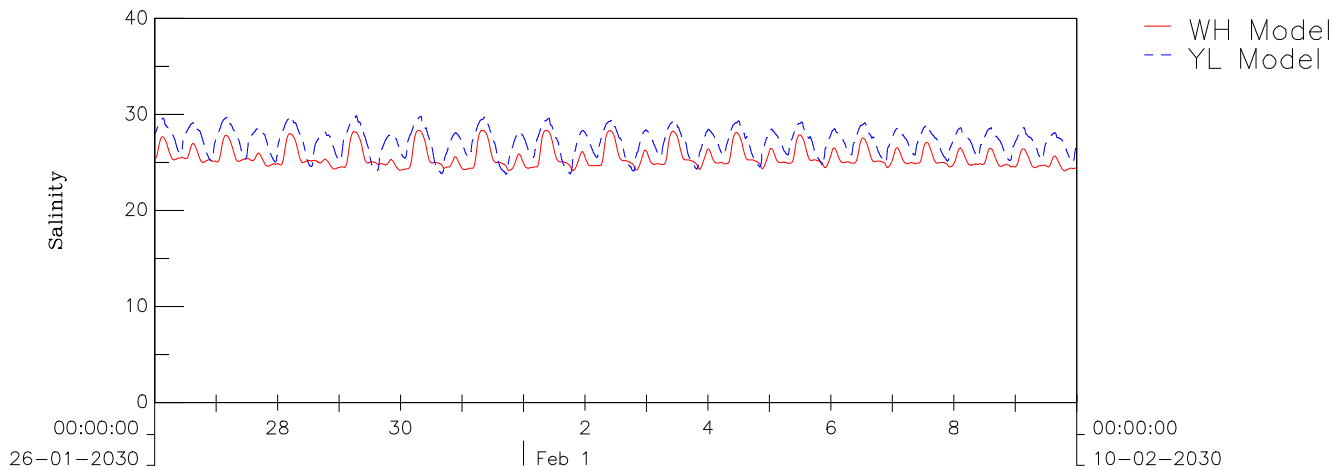
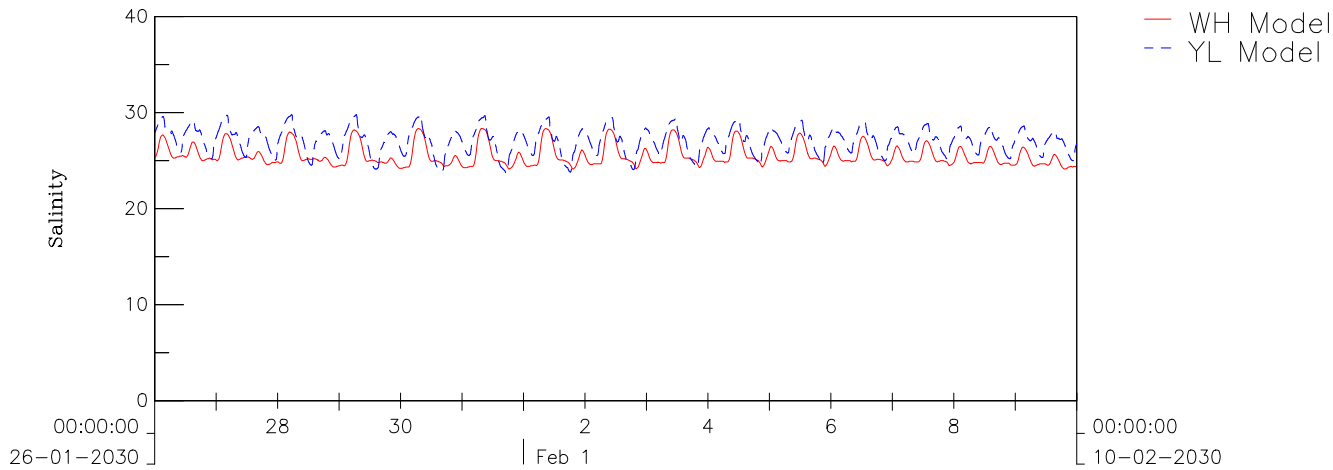
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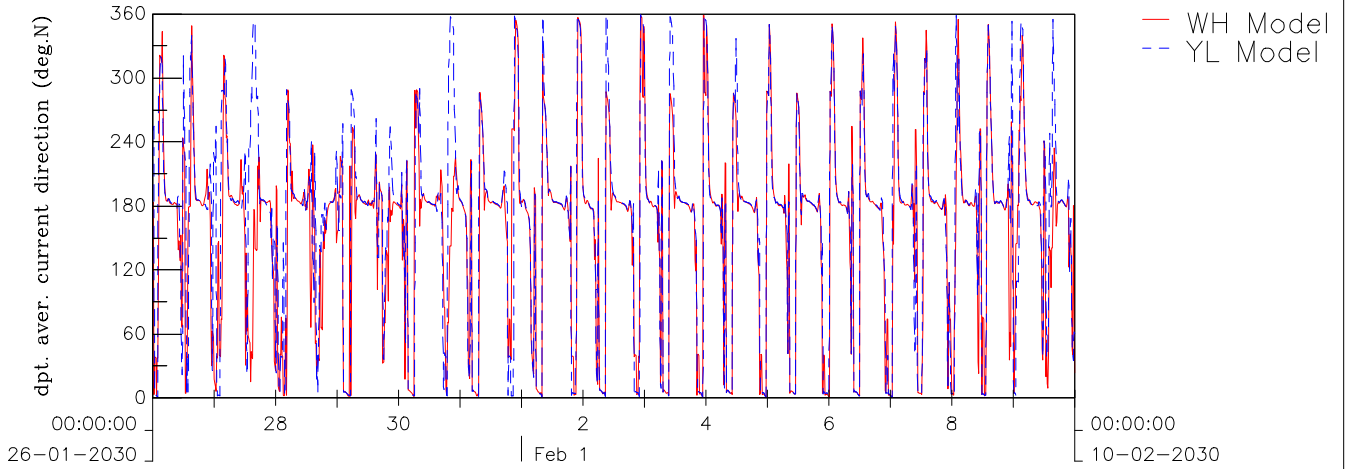
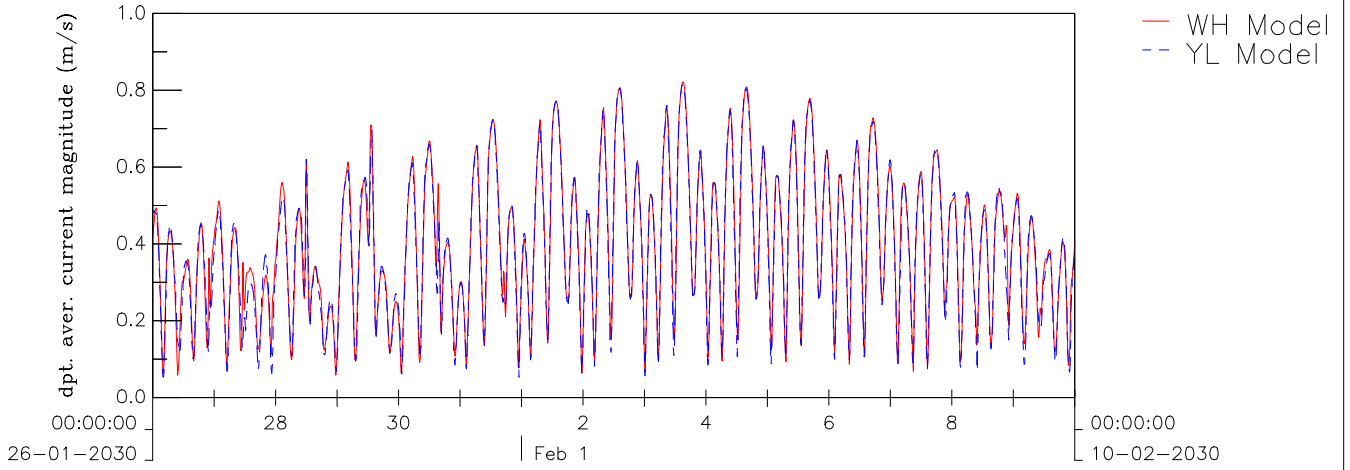
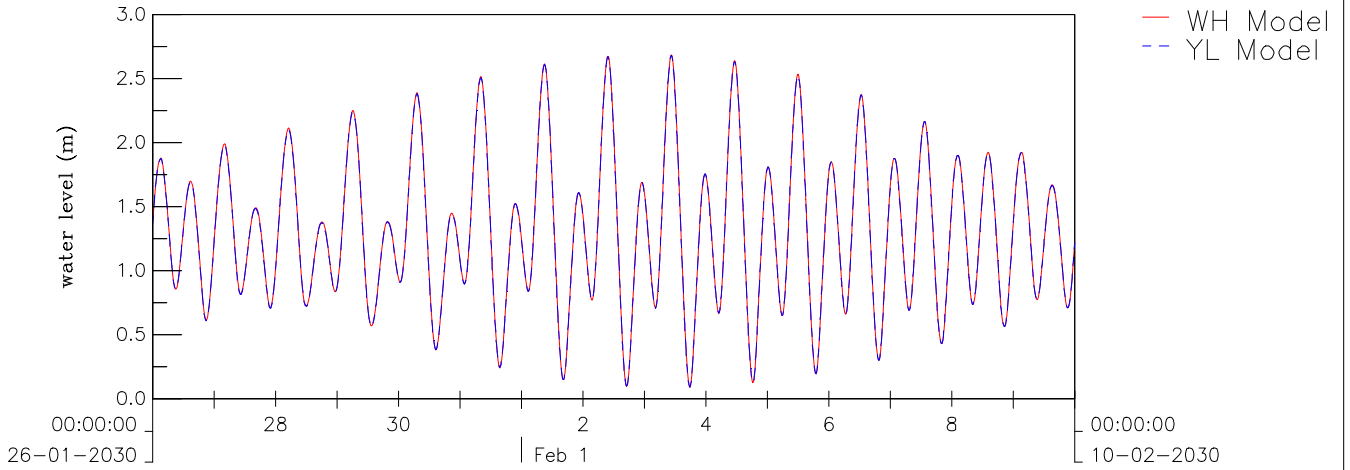
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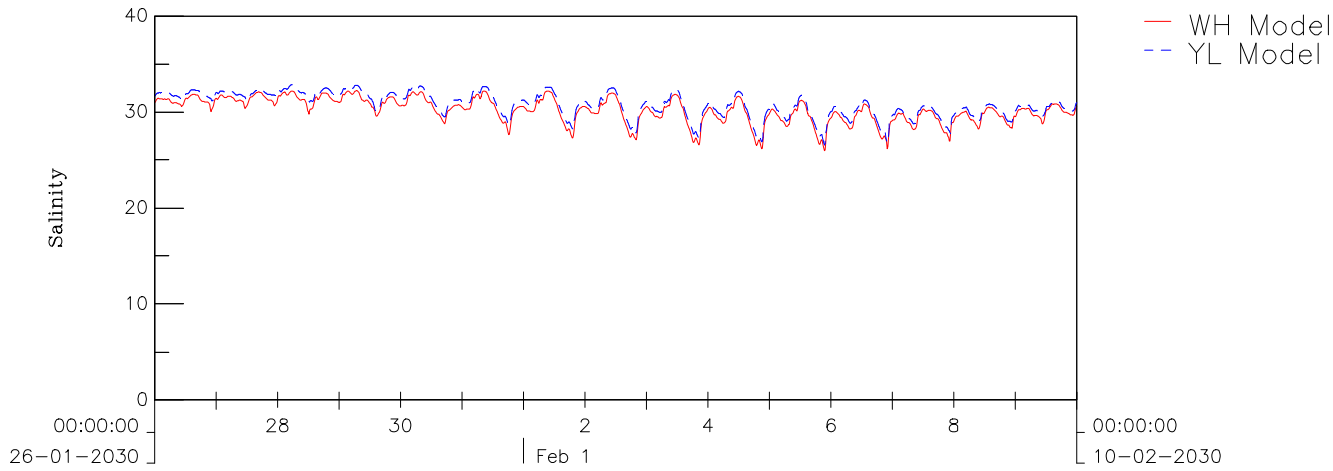
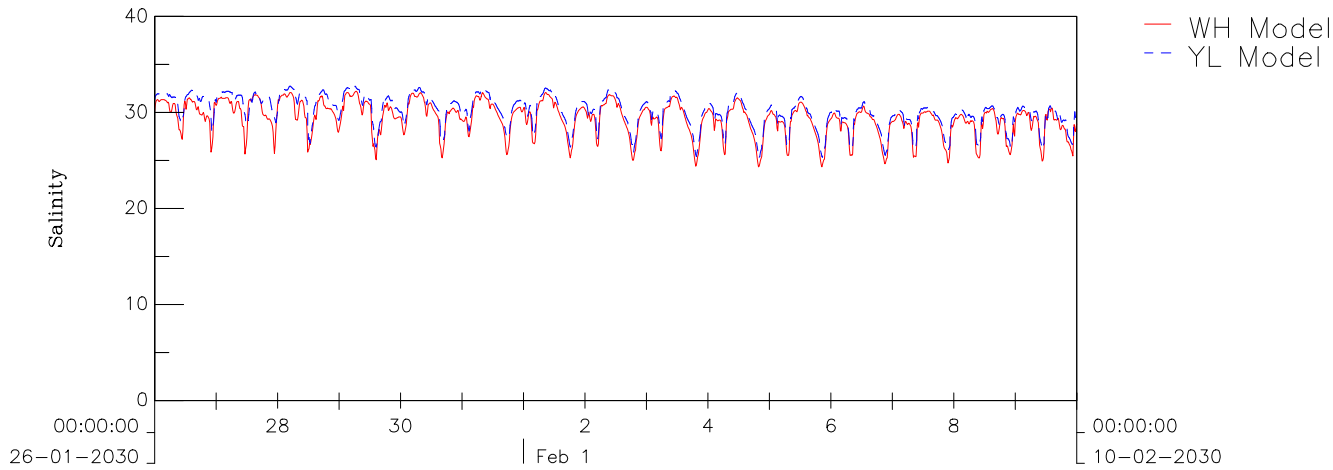
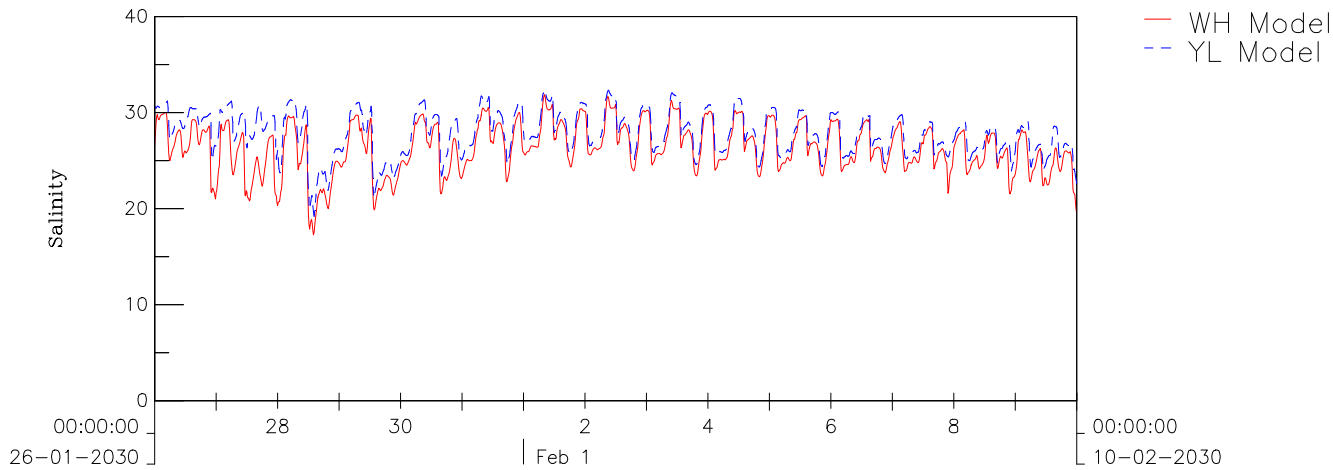
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Water Level, Depth Averaged Current Velocity and Direction at DM2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 05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



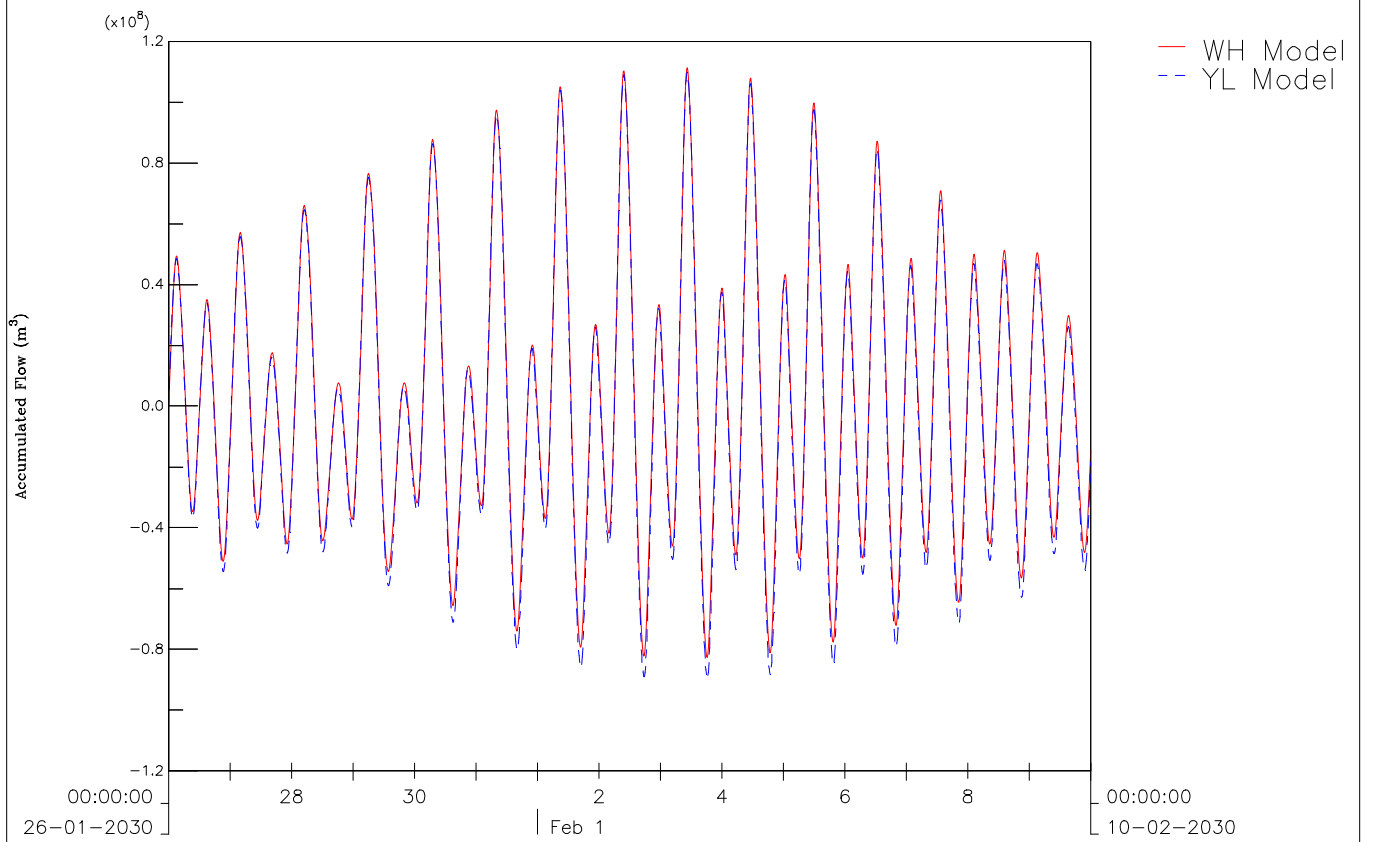
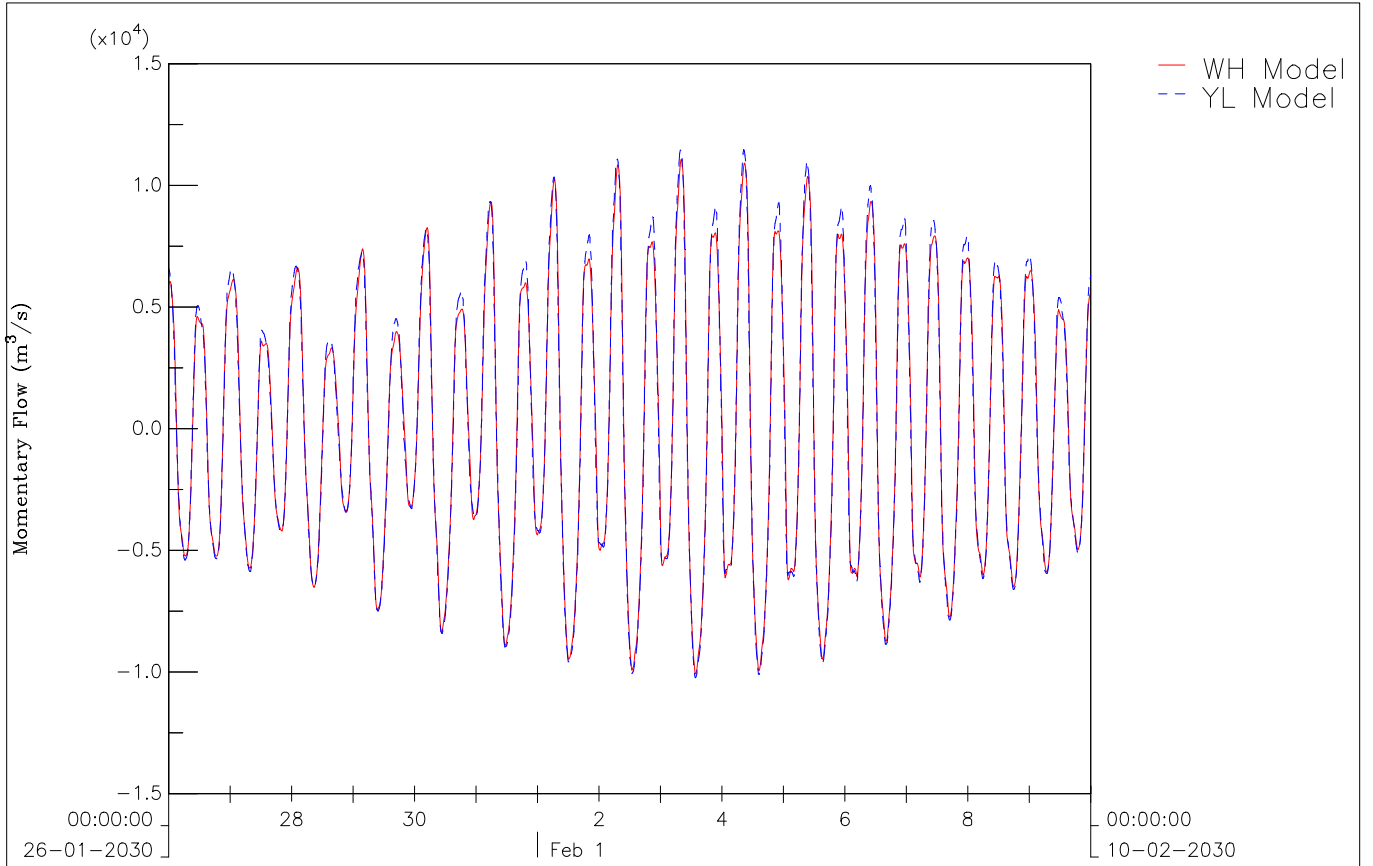
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid–Depth and Bottom Salinity at DM2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 06	
AECOM	/GPP/	Verf–d.ssn



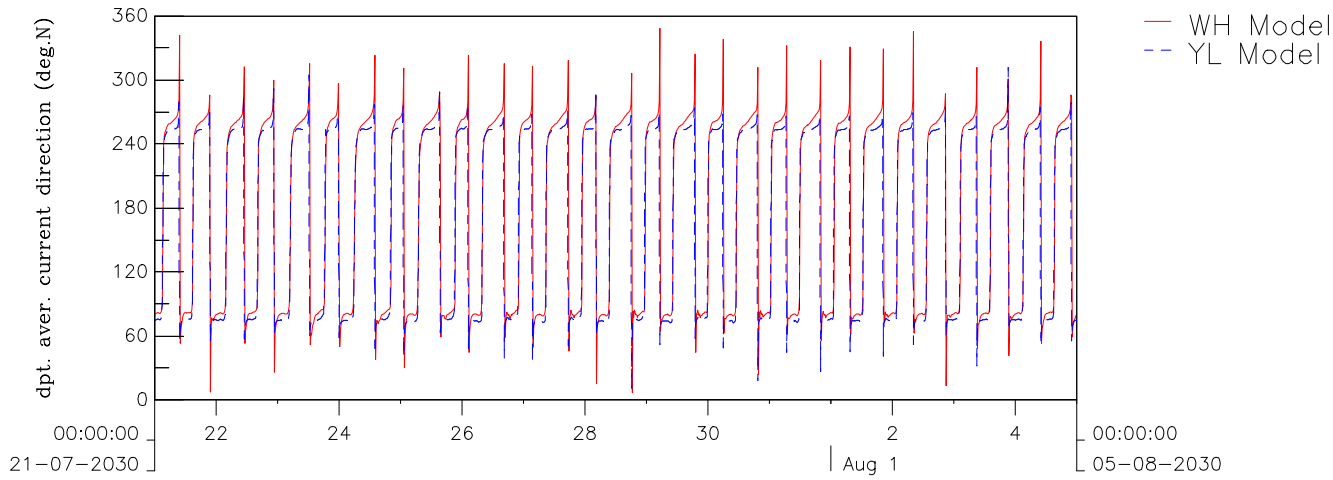
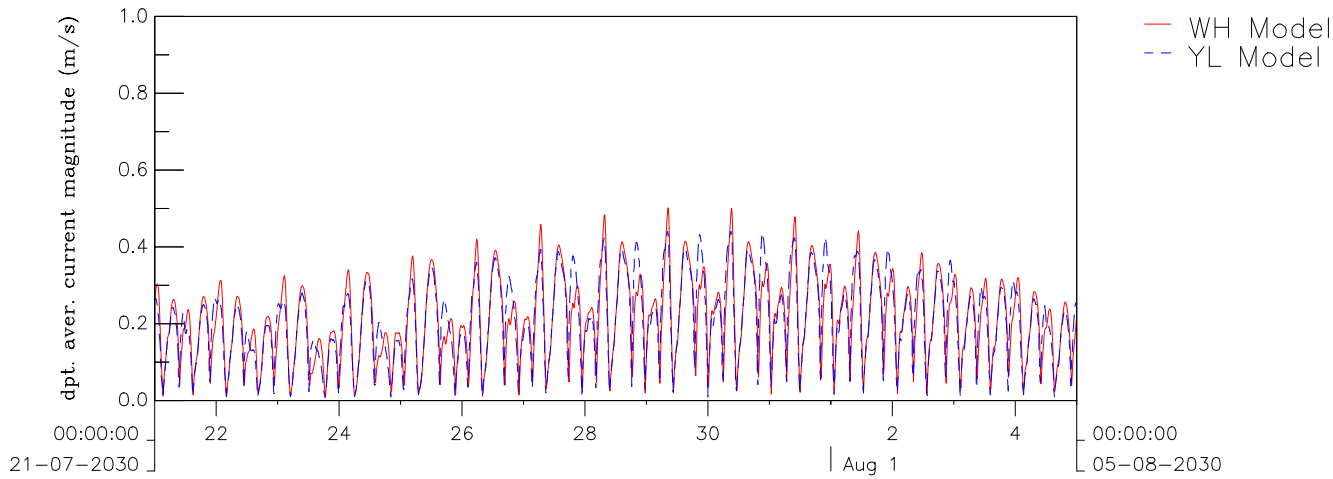
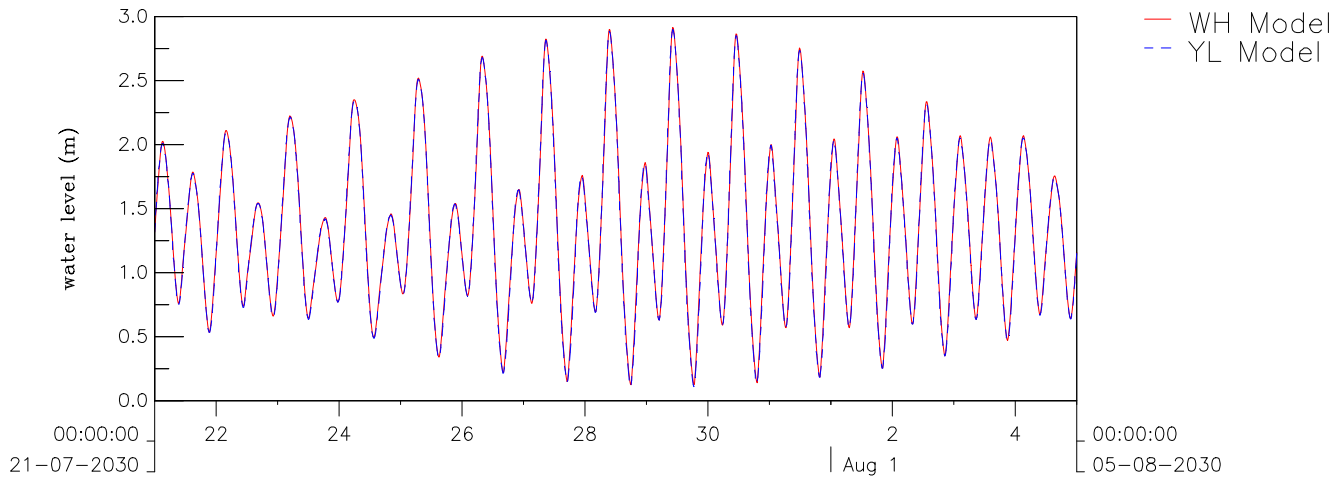
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Water Level, Depth Averaged Current Velocity and Direction at DM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 07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



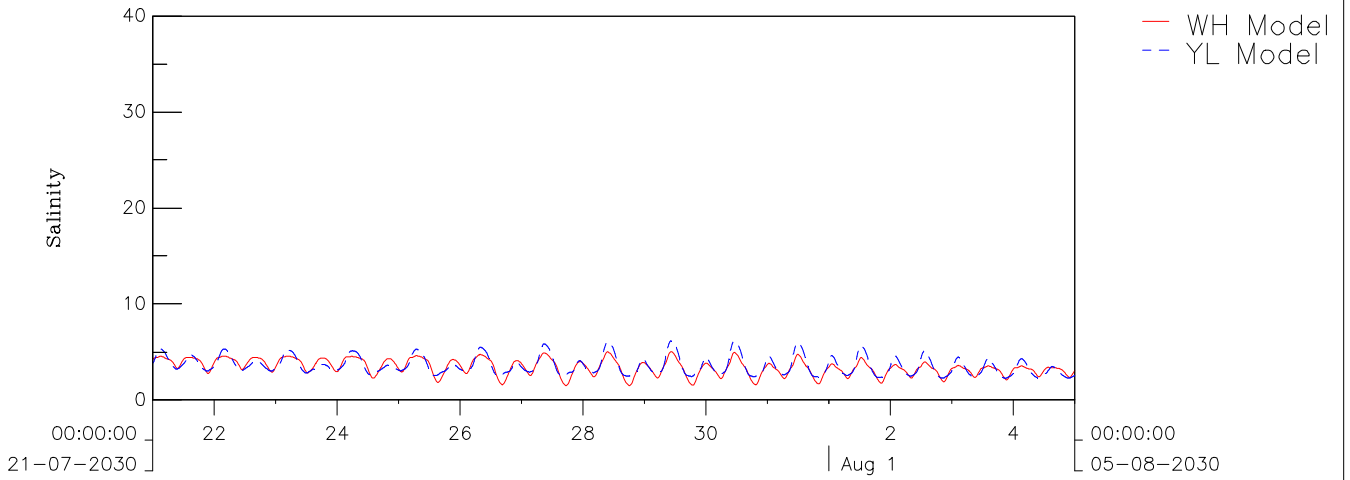
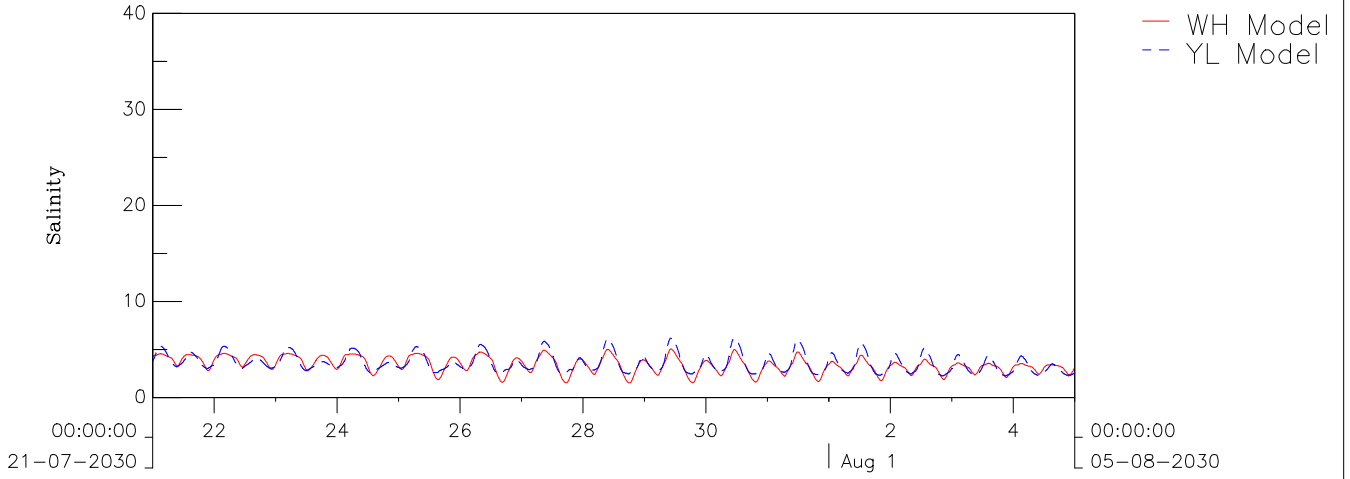
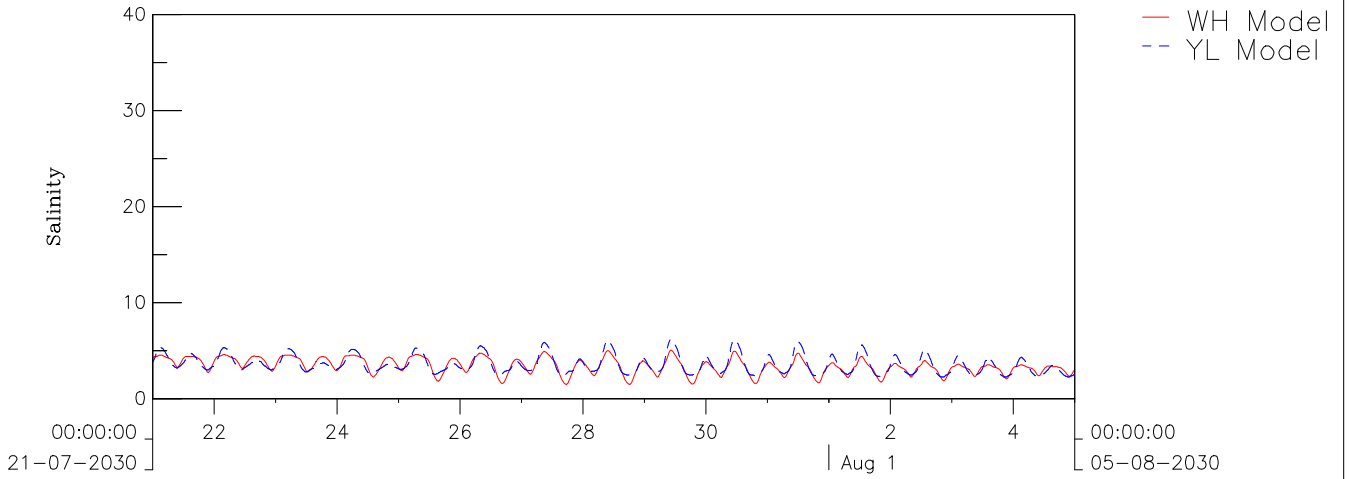
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Salinity at DM5 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 08	
AECOM	/GPP/	Verf-d.ssn



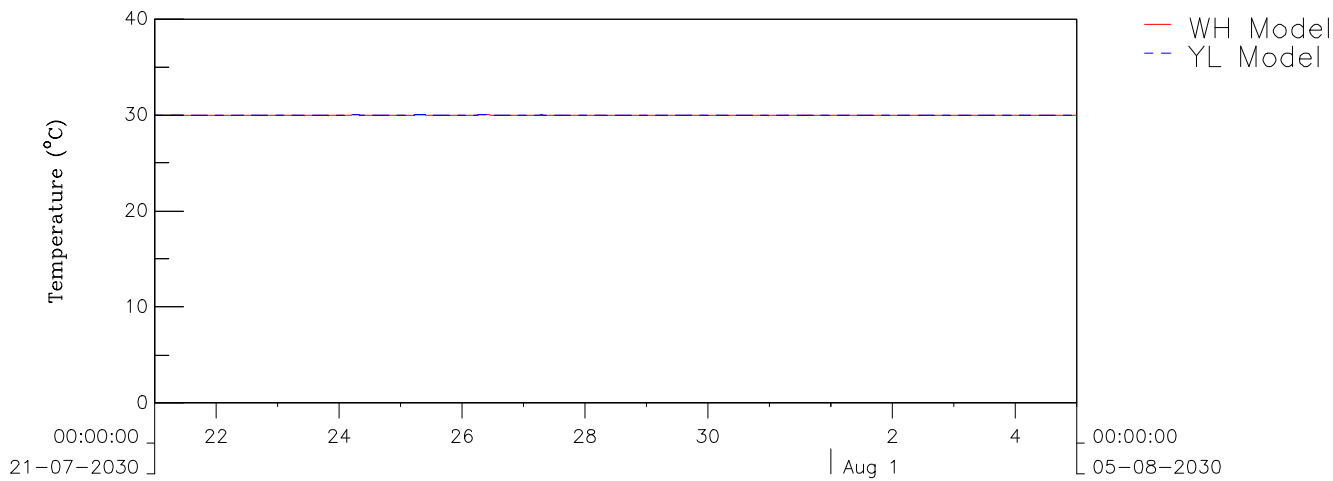
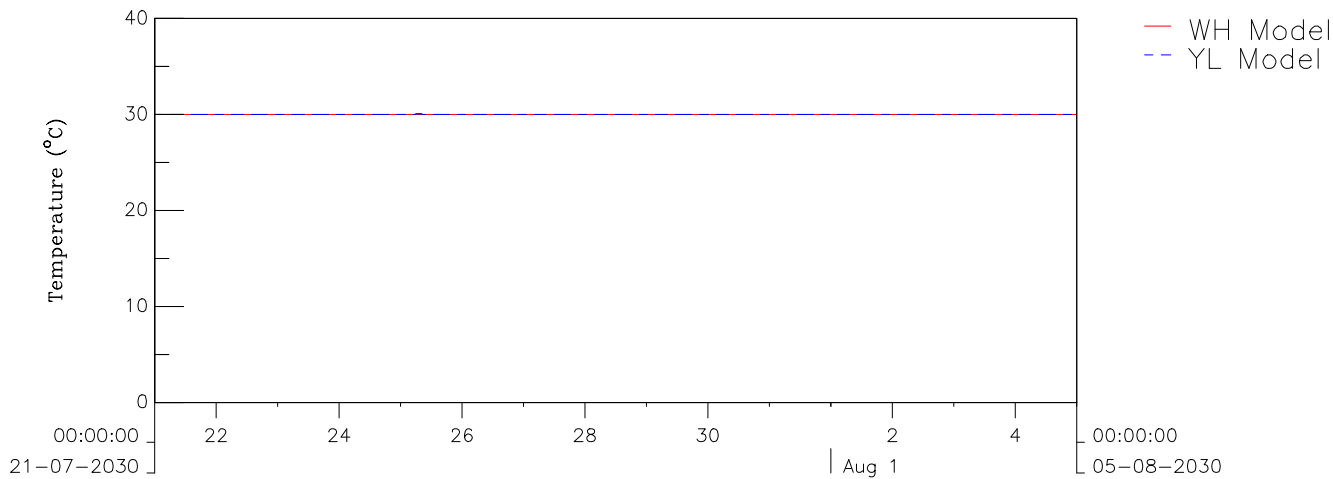
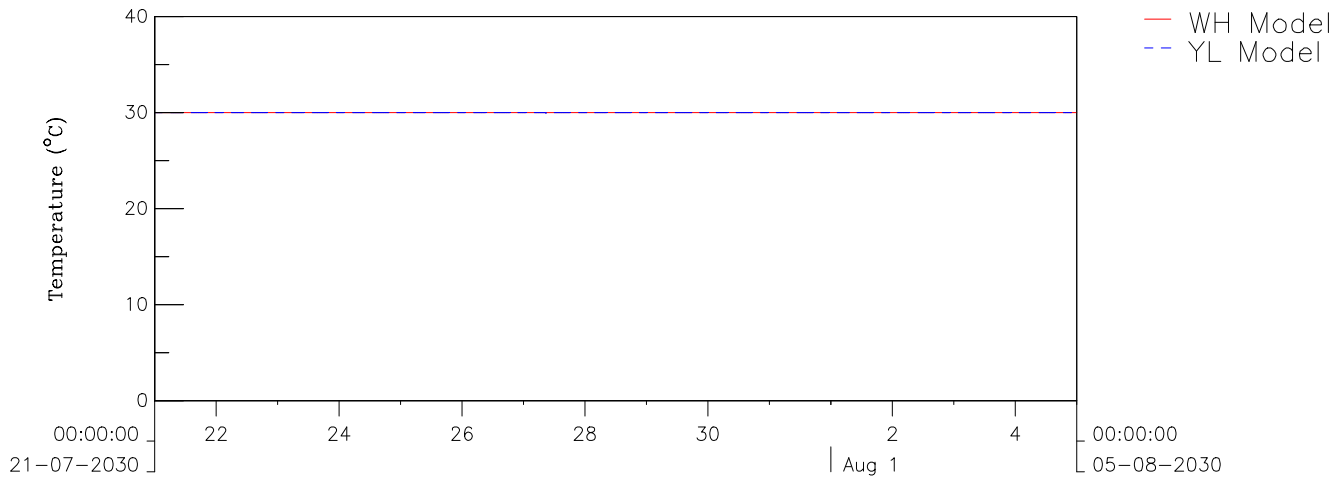
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Momentary Flow and Accumulated Flow through Cross Section for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Dry Season	Oct 2021
	Appendix 5.2 – 09	
AECOM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



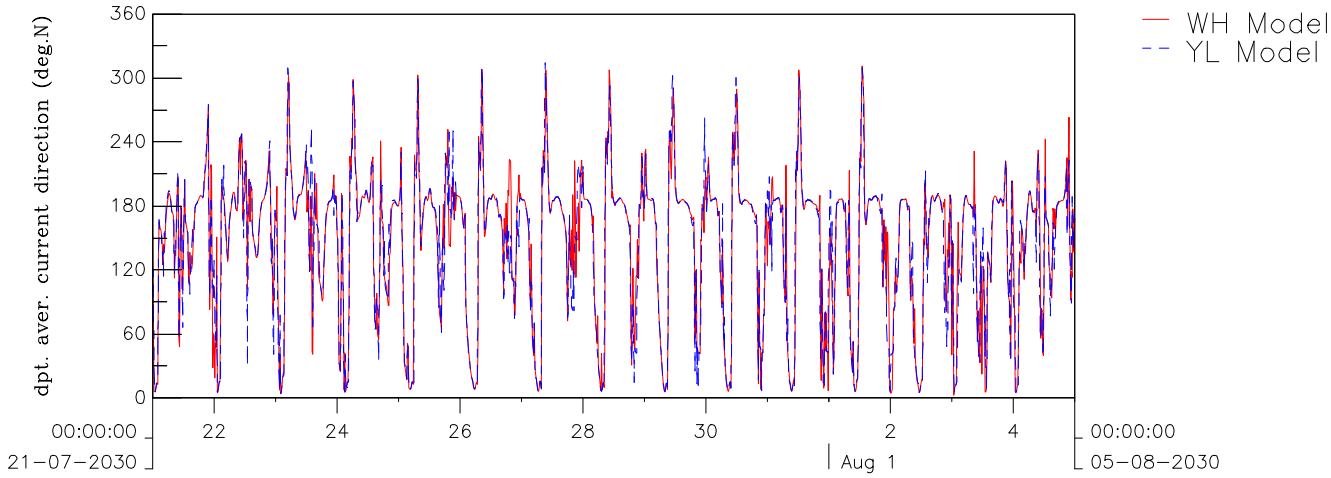
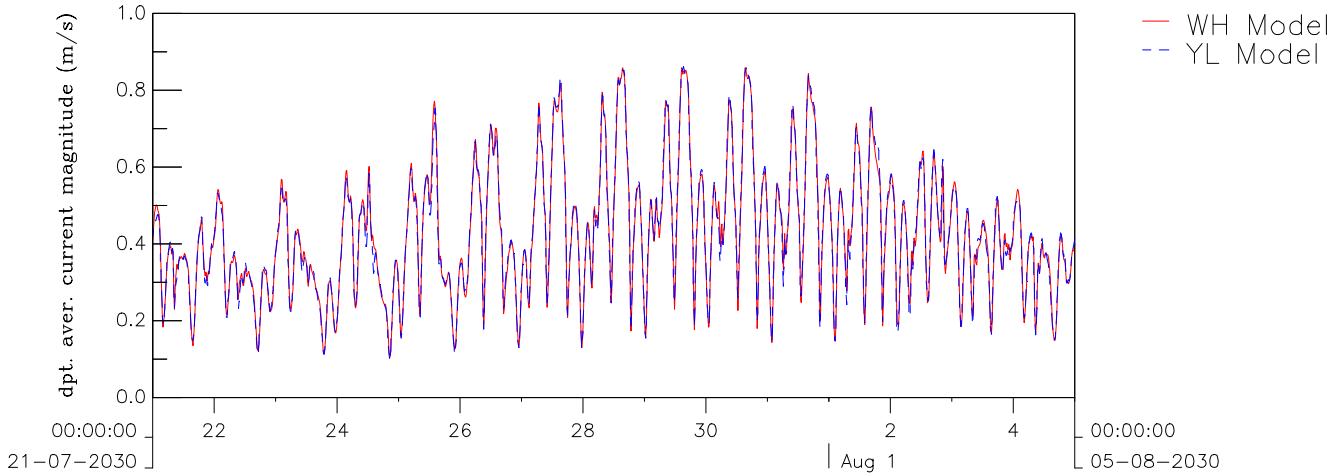
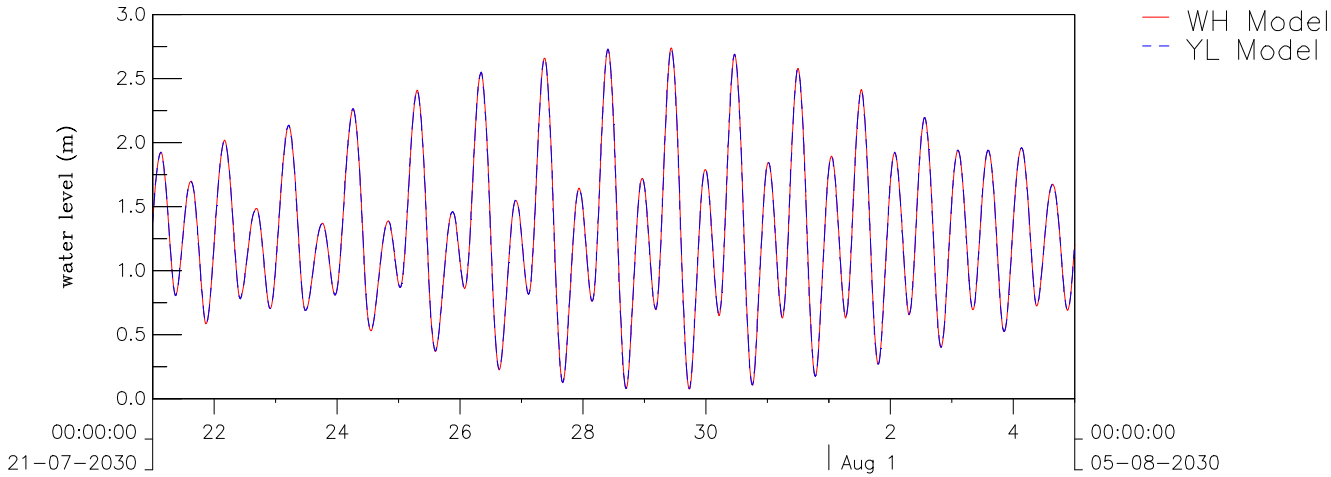
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	Appendix 5.2 – 10	
AECOM	/GPP/	Verf-w.ssn



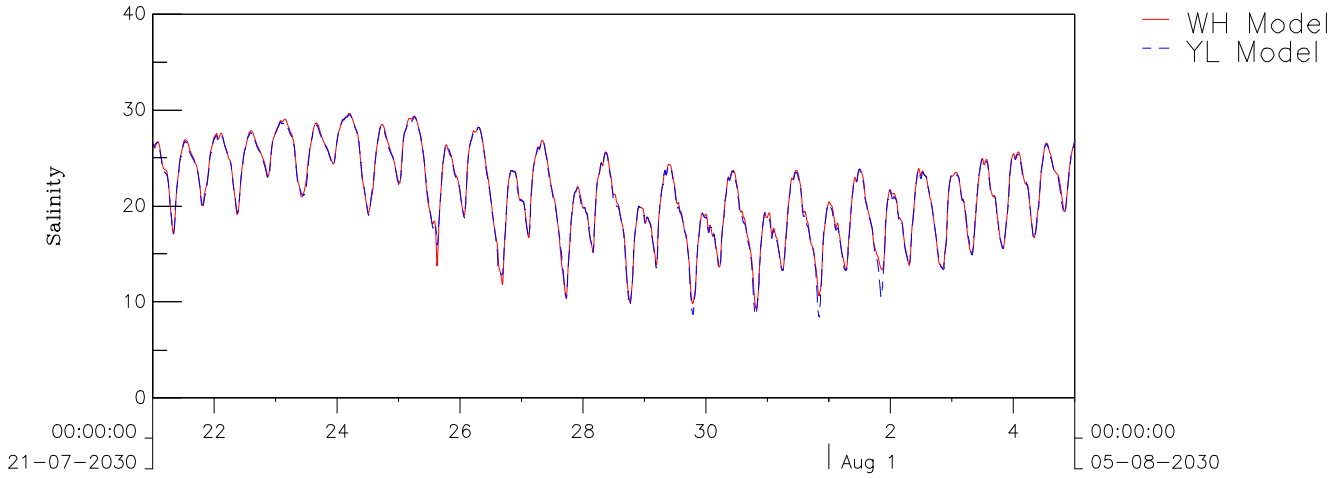
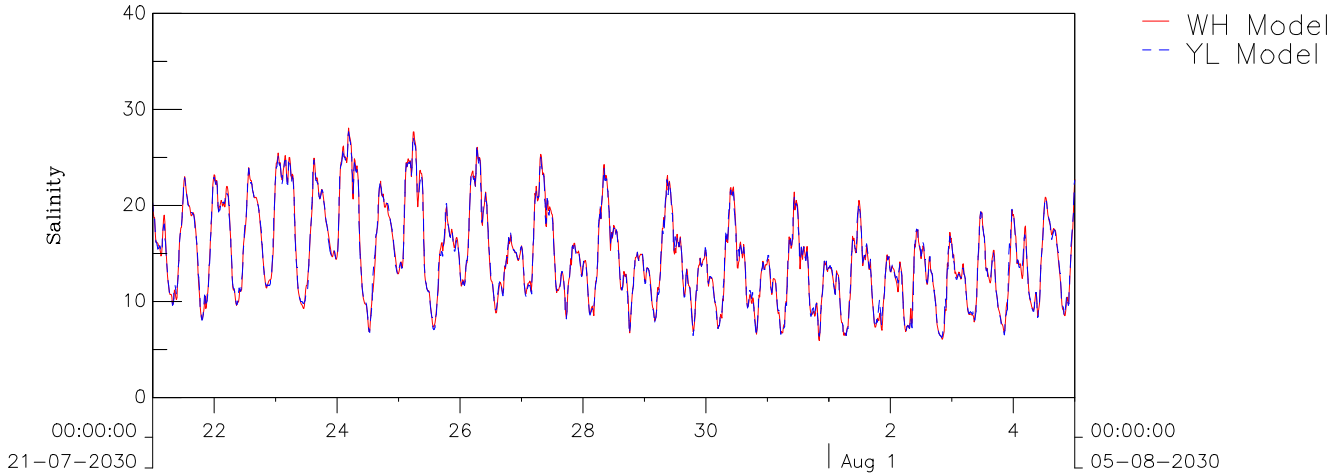
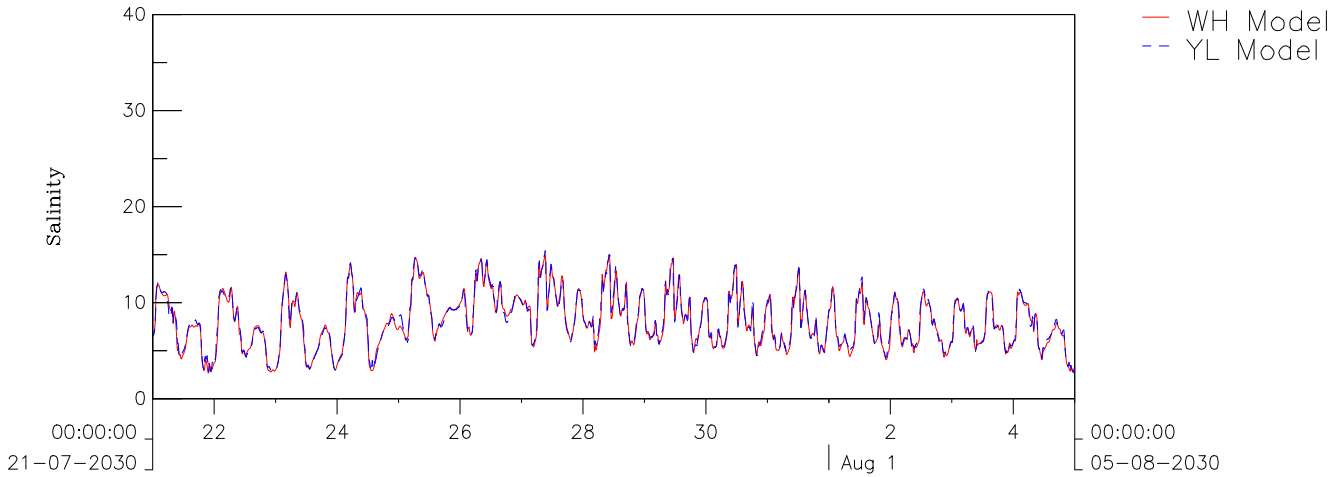
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Salinity at DM2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
	Appendix 5.2 – 11	
AECOM	/GPP/	Verf-w.ssn



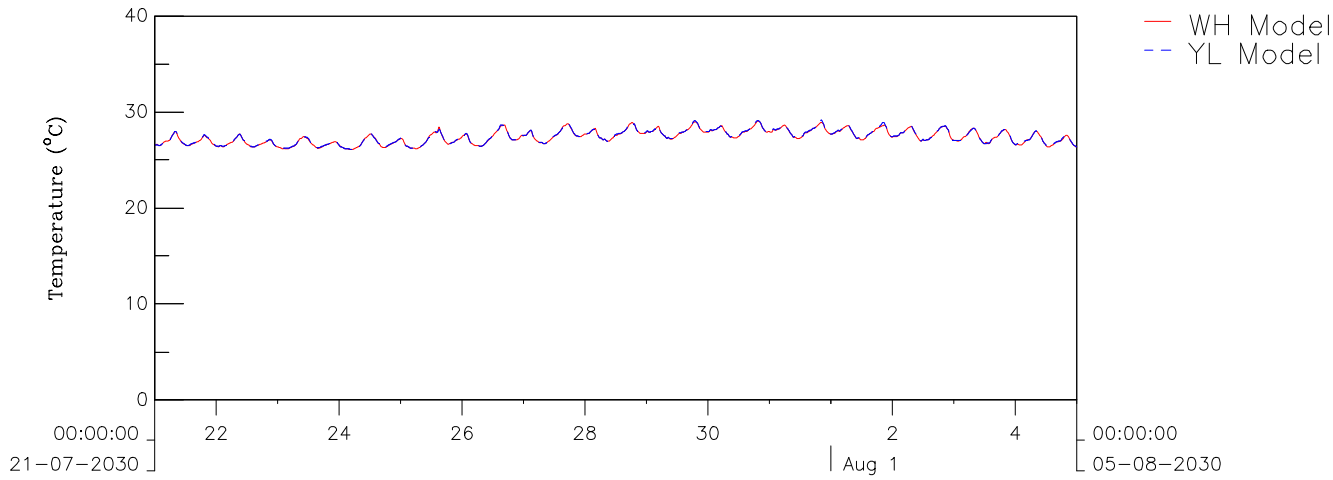
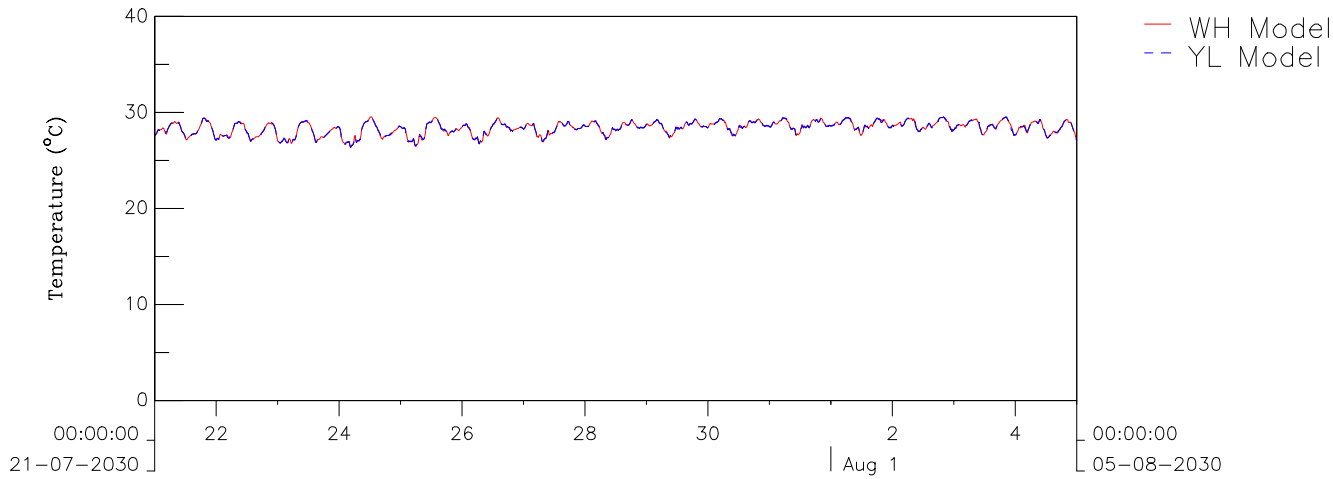
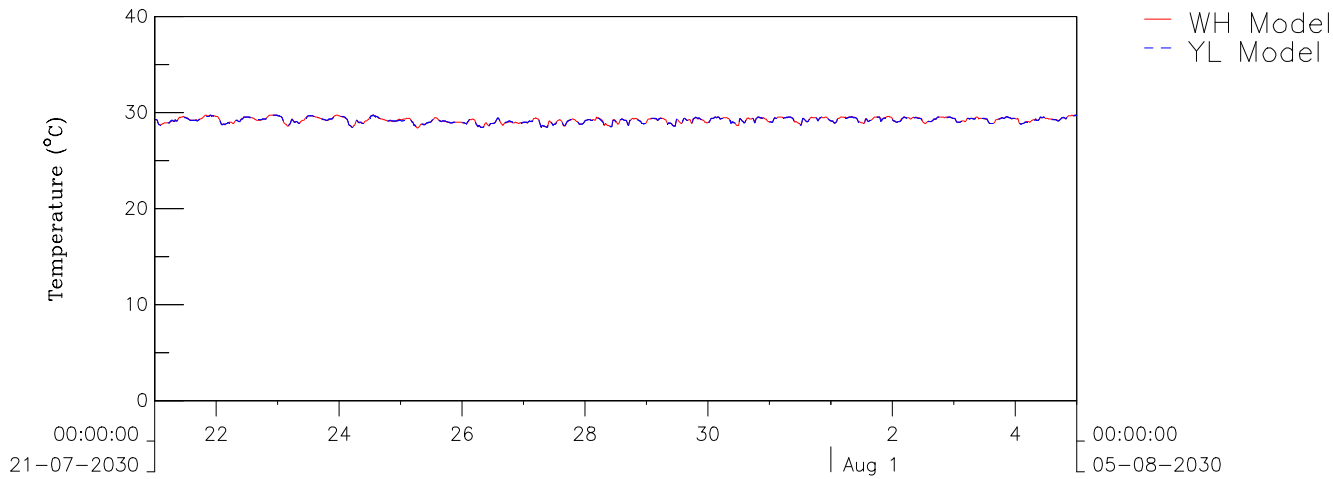
Agreement No. CE 6/2019 (DS) Hung Shui Kiu Effluent Polishing Plant and Yuen Long South Effluent Polishing Plant – Investigation Surface, Mid-Depth and Bottom Temperature at DM2 for Western Harbour Model (WH Model) and Yuen Long Model (YL Model)	Wet Season	Oct 2021
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AECOM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



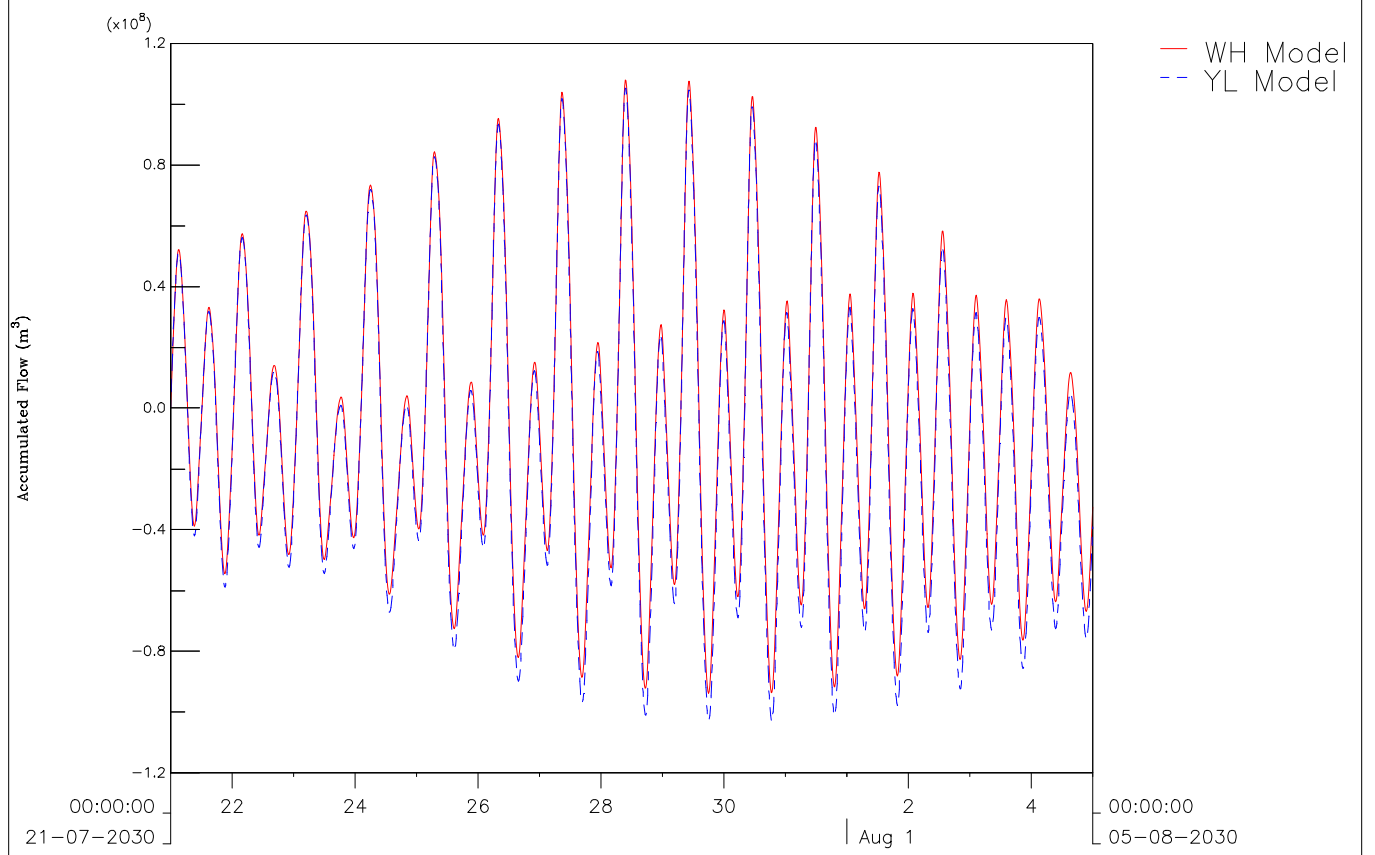
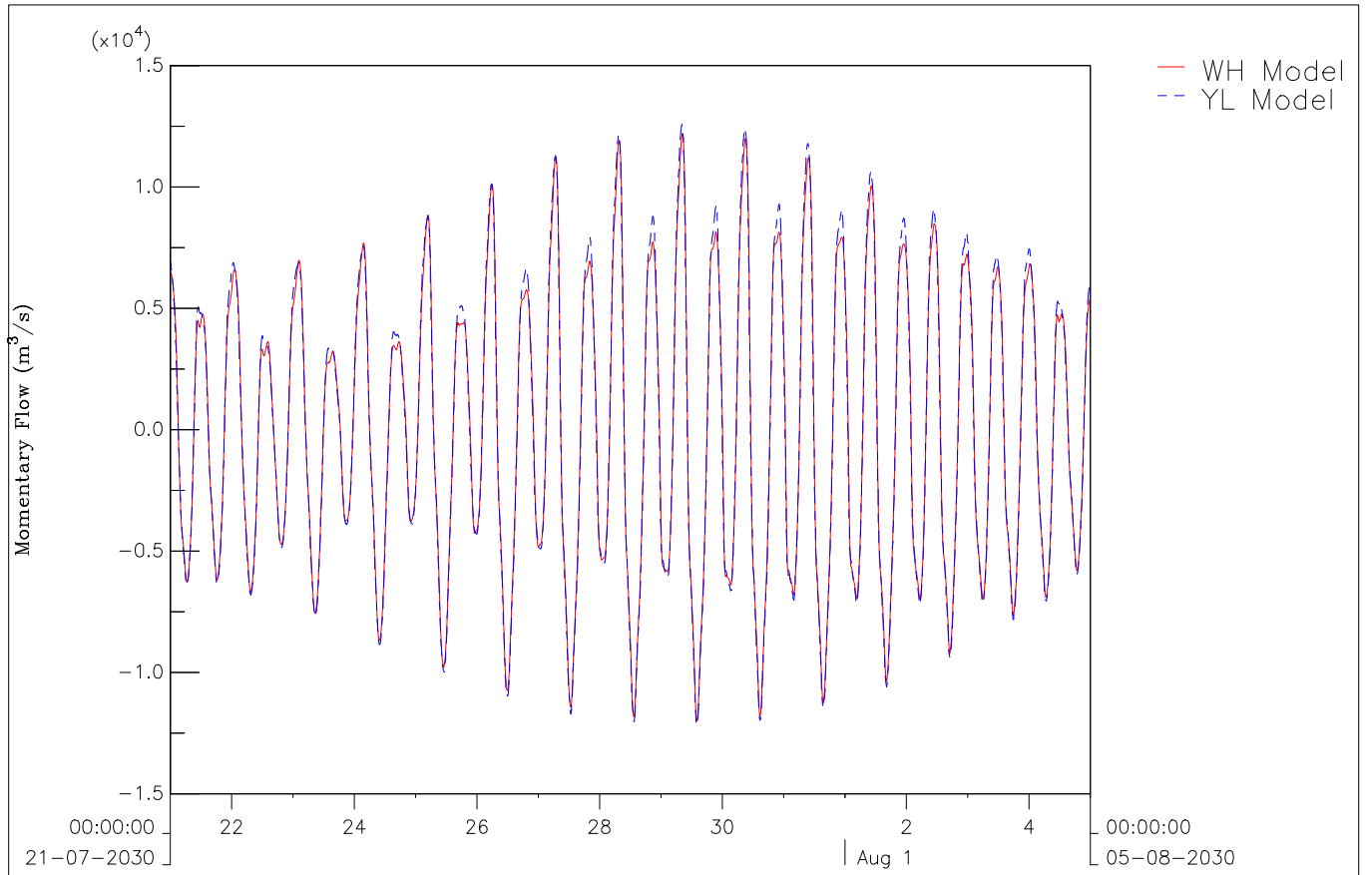
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	Appendix 5.2 – 13	
AECOM	/GPP/	Verf-w.ssn



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
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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
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AECOM	/GPP/	Verf-w.ssn