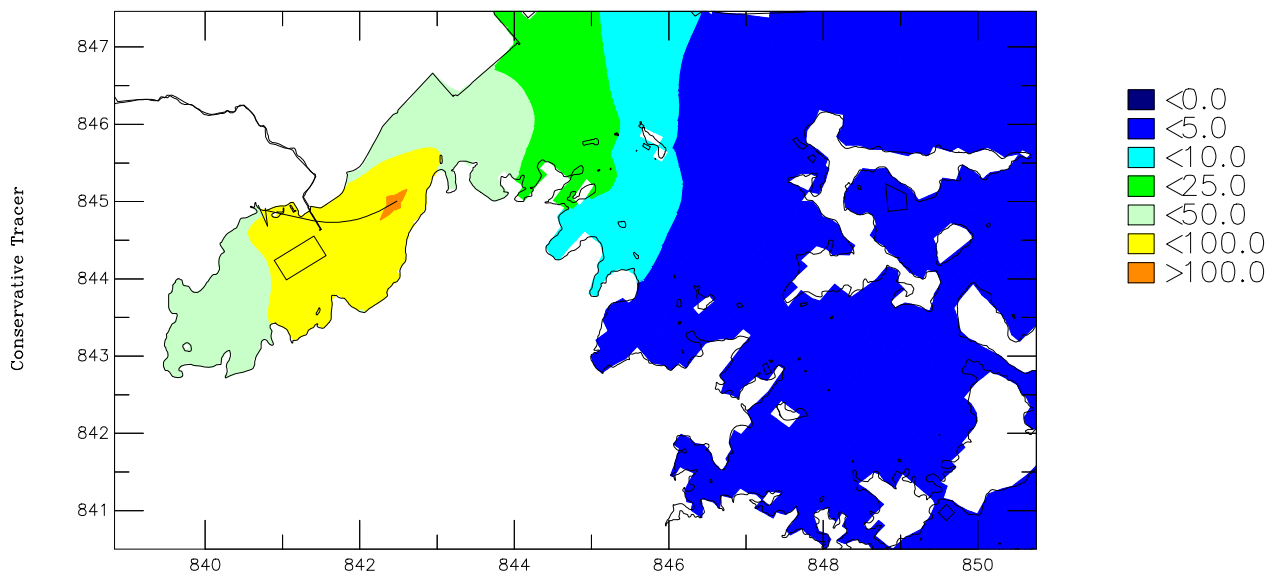
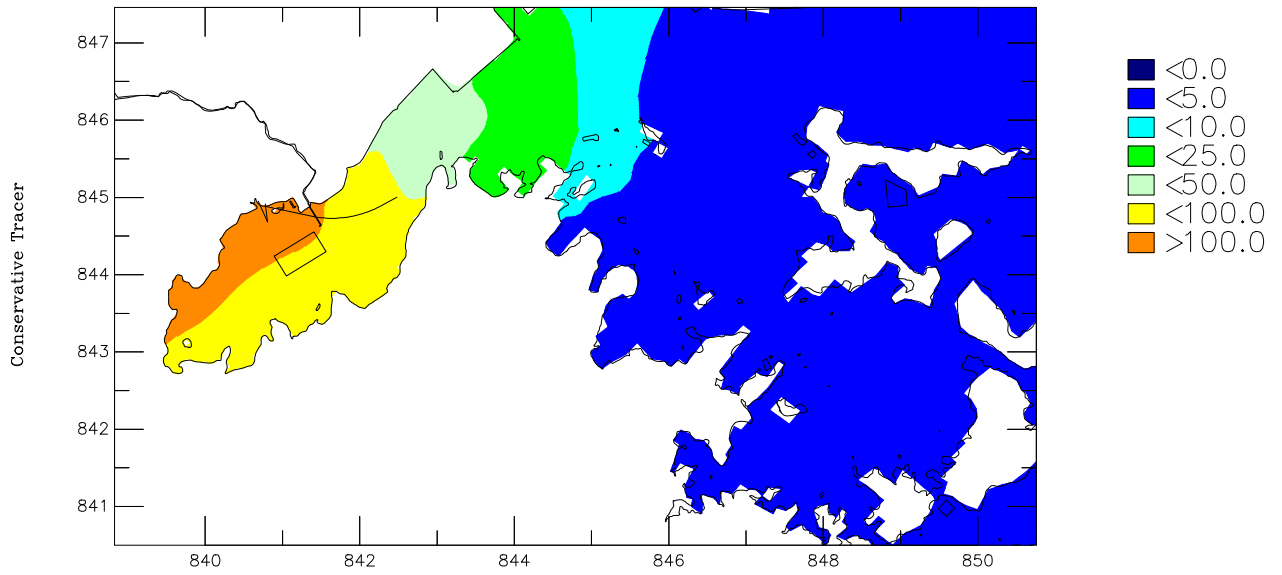


Annex 5G

Delft3D WAQ
Outfall Tracer Simulation



Expansion of Sha Tau Kok Sewage Treatment Works

Tracer discharge from STKSTW

Surface Layer; Top: Baseline (1660 m³/day);

Bottom: Operation (10000 m³/day)

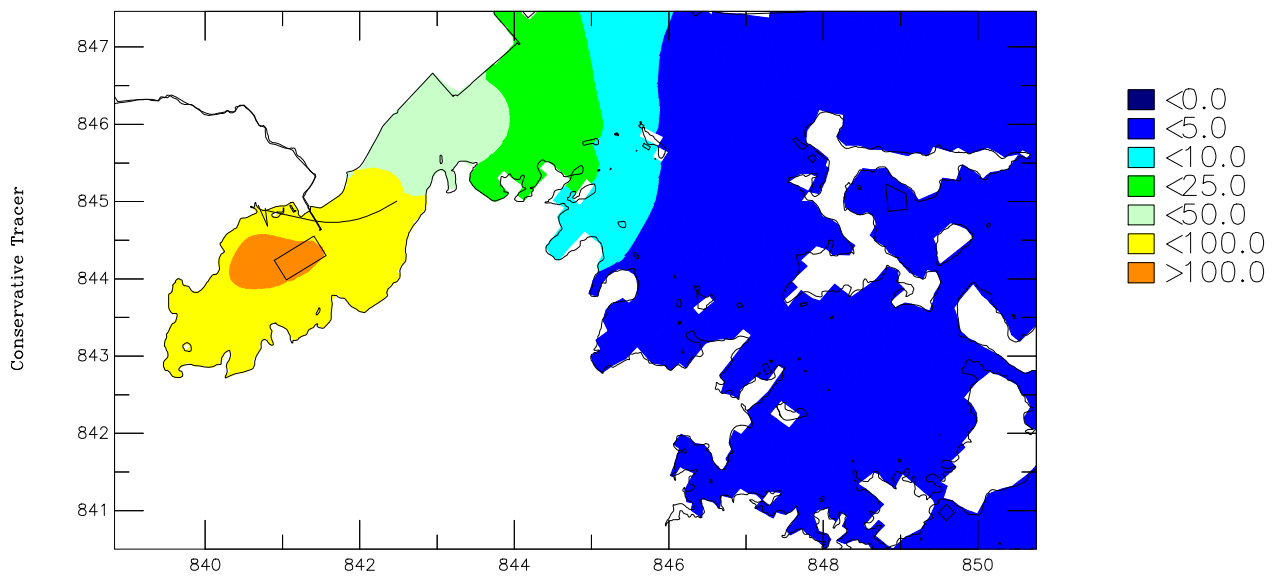
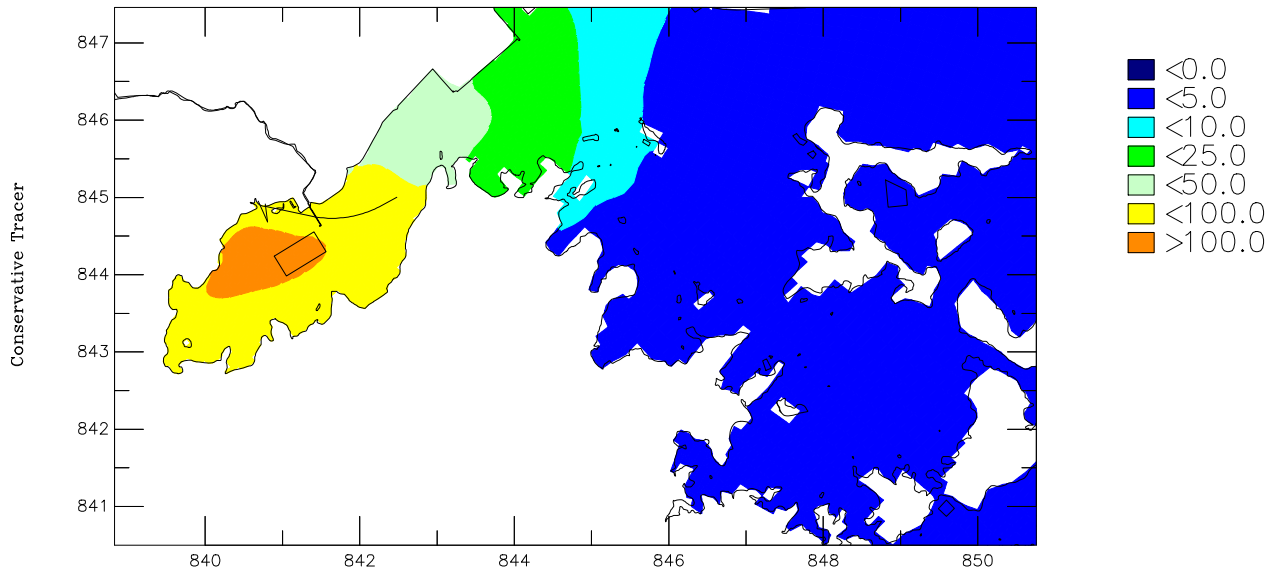
Dry

Annex 5G-1

ERM HK Limited

0211731/GPP

WQ-Tracer.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

Tracer discharge from STKFCZ

Surface Layer; Top: Baseline (1660 m³/day);

Bottom: Operation (10000 m³/day)

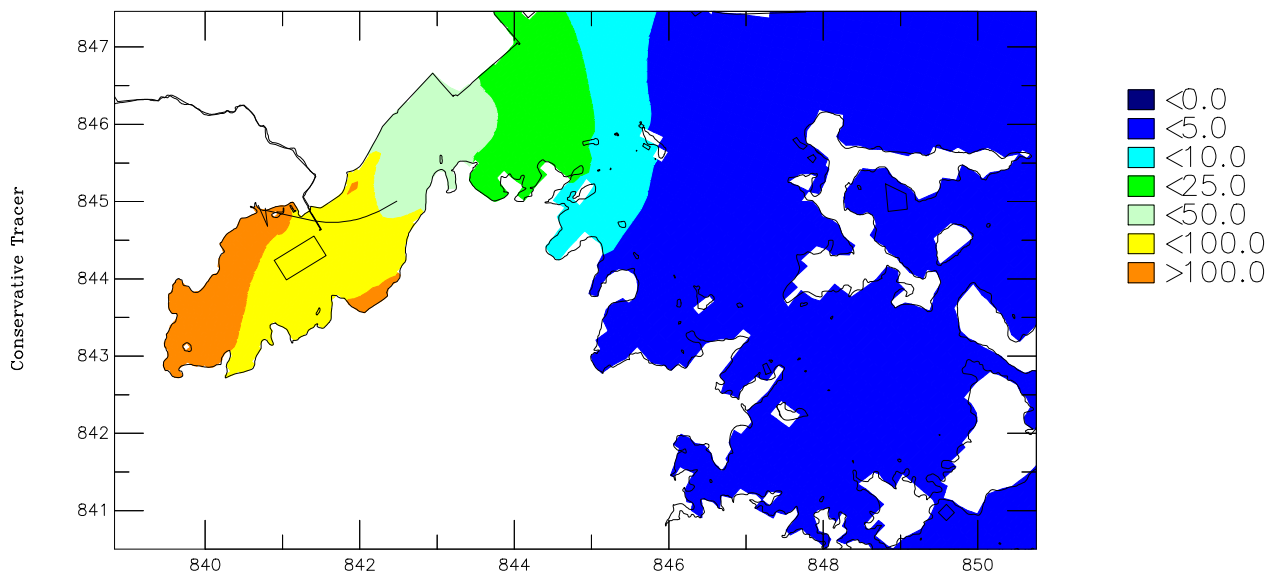
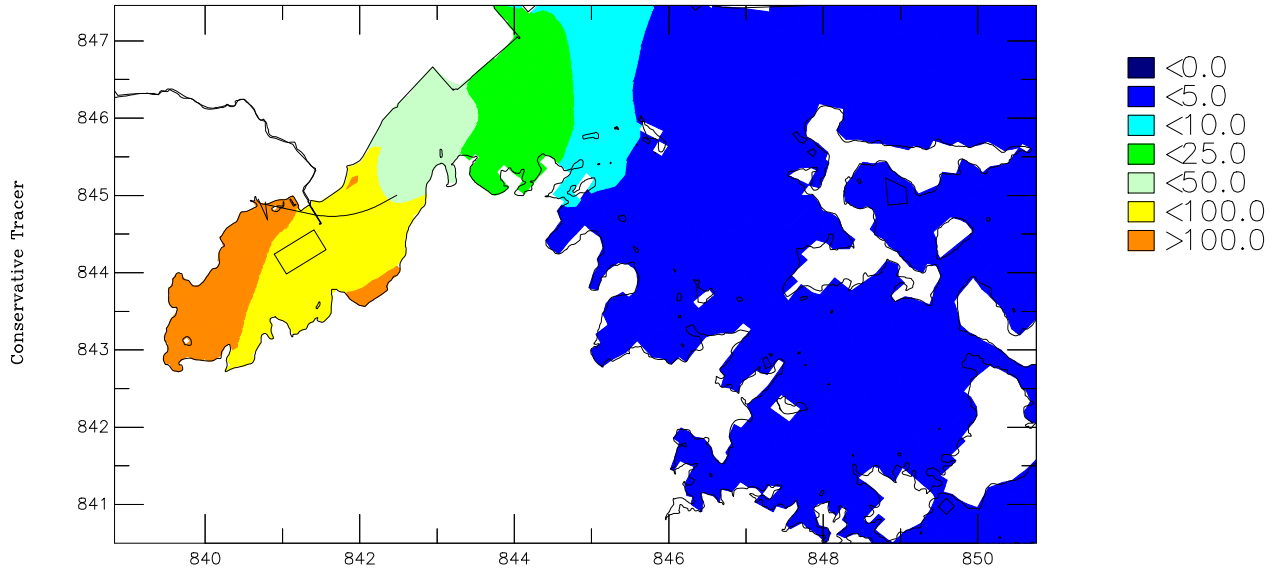
Dry

Annex 5G-2

ERM HK Limited

0211731/GPP

WQ-Tracer.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

Tracer discharge from Other Sources within STK Catchment

Surface Layer; Top: Baseline (1660 m³/day);

Bottom: Operation (10000 m³/day)

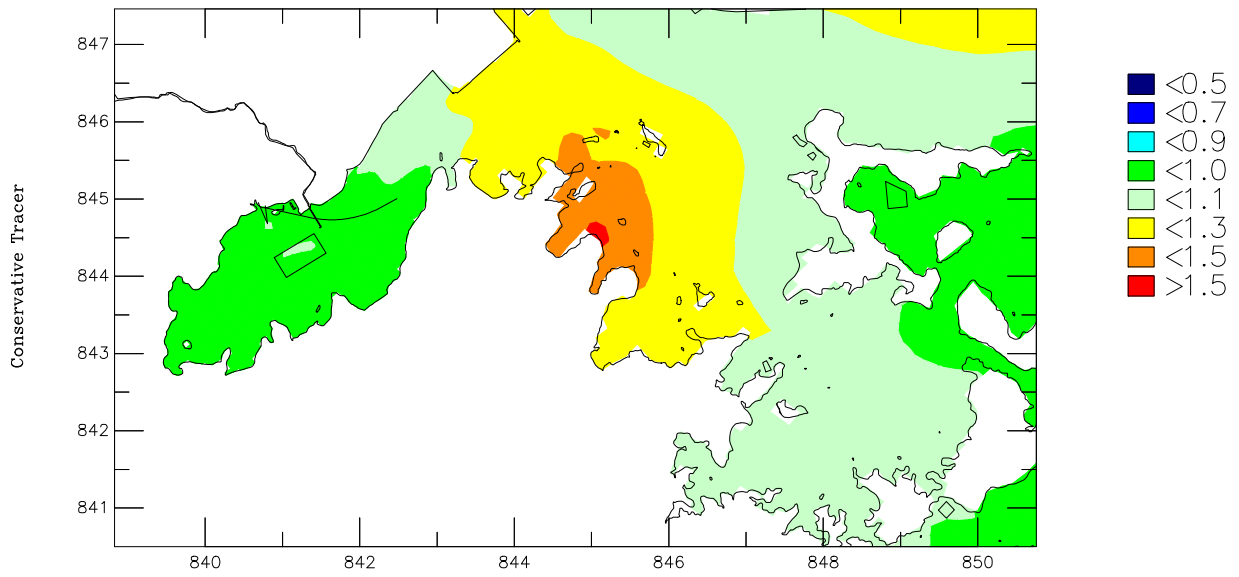
Dry

Annex 5G-3

ERM HK Limited

0211731/GPP

WQ-Tracer.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

Tracer discharge from STKFCZ (Comparison between flow regimes and outfall locations)

Surface Layer;

Operation/Baseline

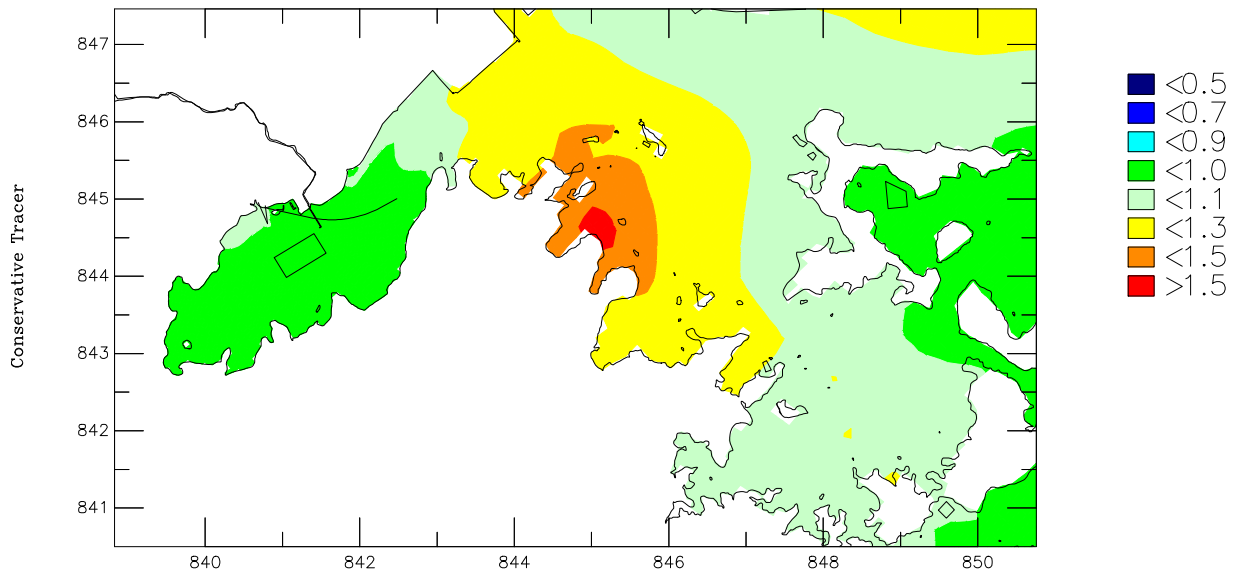
Dry

Annex 5G-5

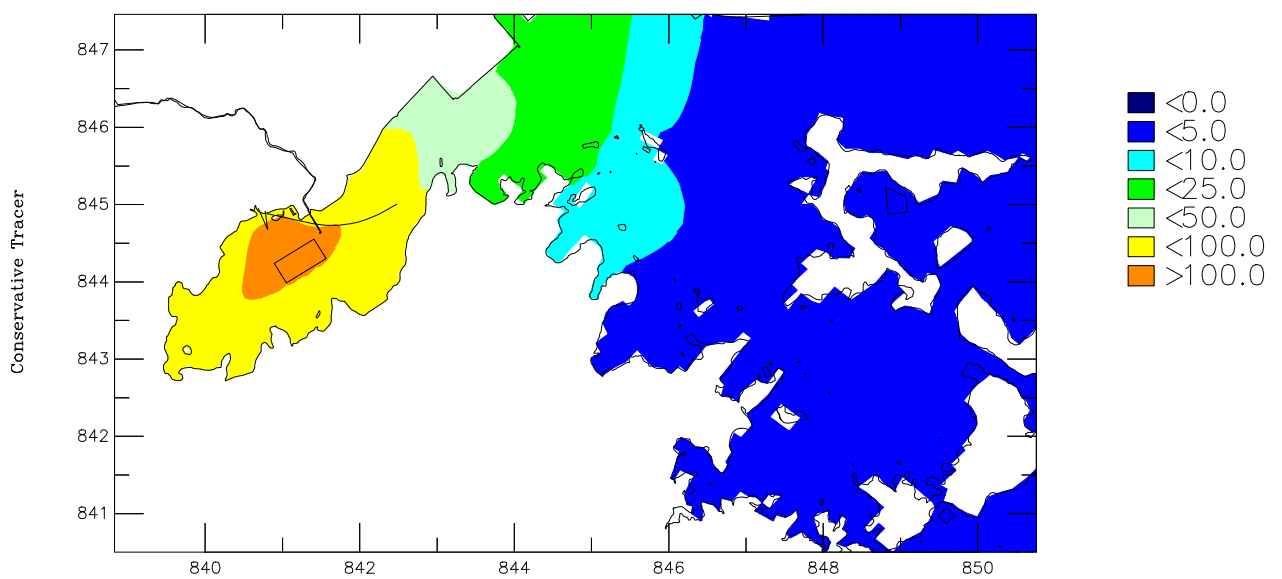
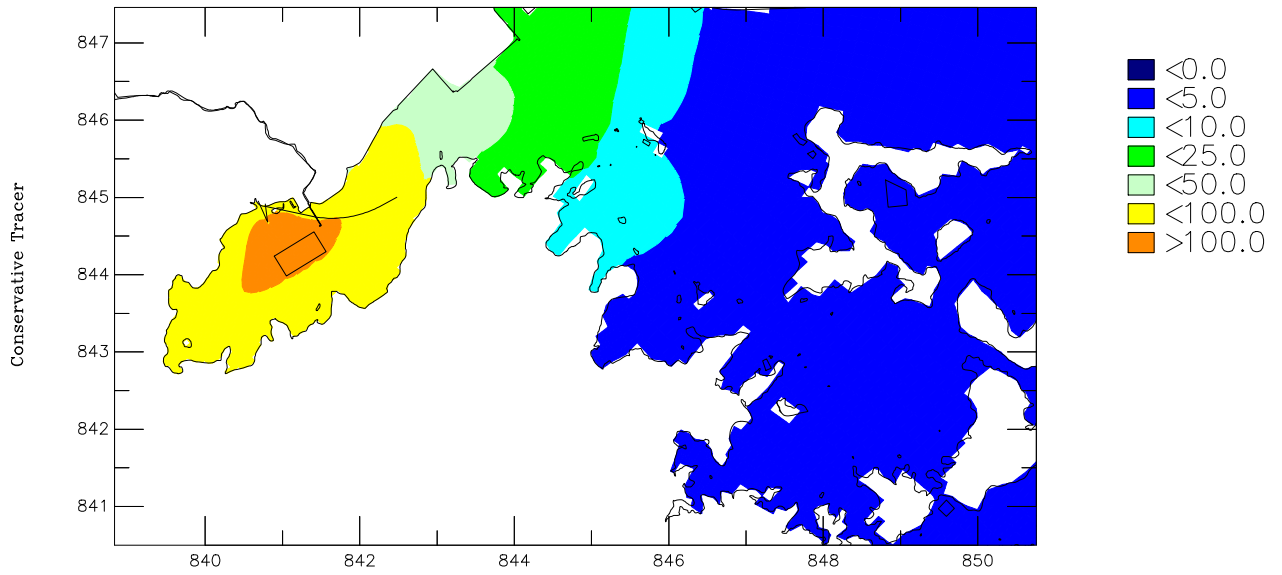
ERM HK Limited

0211731/GPP

WQ-Tracer.ssn



Expansion of Sha Tau Kok Sewage Treatment Works			Dry
Tracer discharge from Other Sources within STK Catchment (Comparison between flow regimes and outfall locations)			
Surface Layer;	Operation/Baseline	Annex 5G-6	
ERM HK Limited		0211731/GPP	WQ-Tracer.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

Tracer discharge from STKFCZ

Surface Layer; Top: Baseline (1660 m³/day);

Bottom: Operation (10000 m³/day)

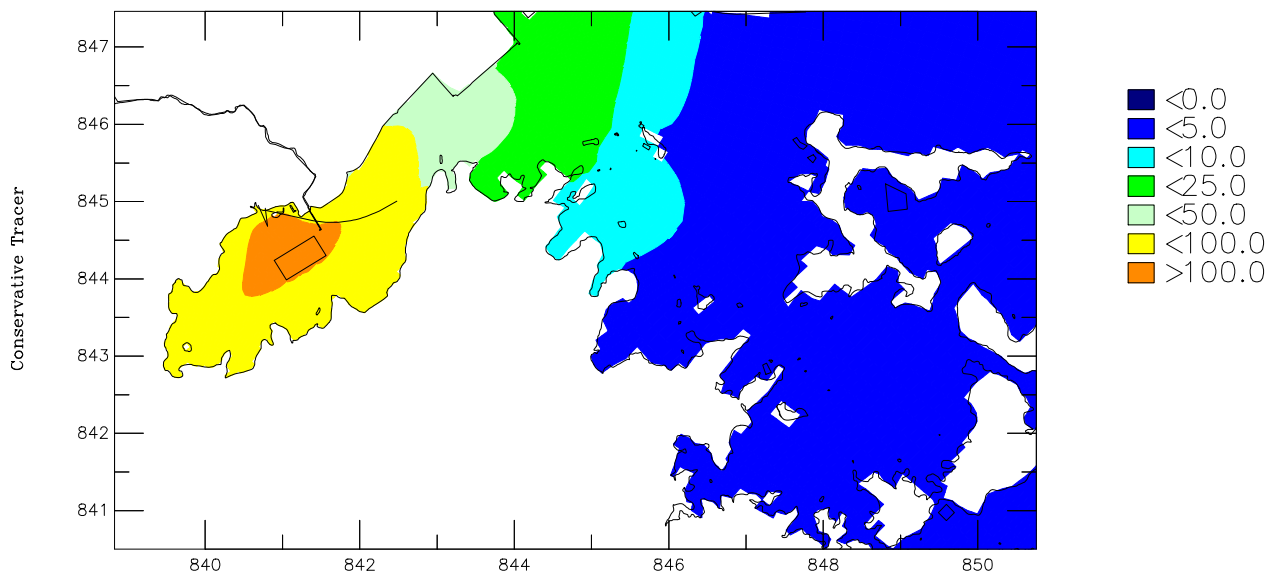
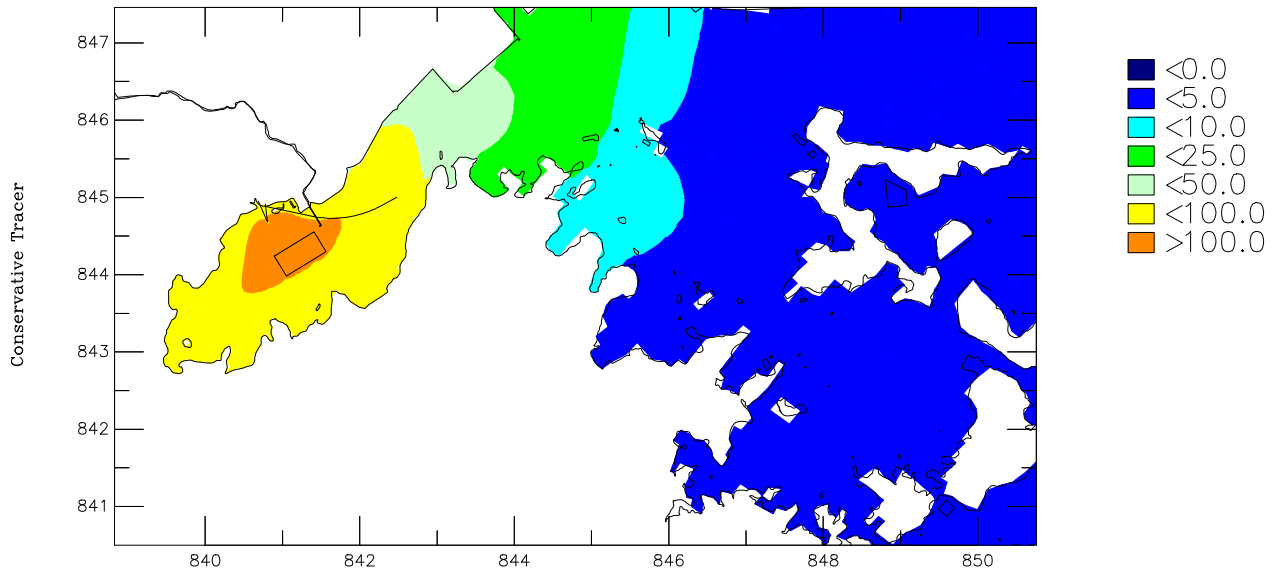
Annex 5G-7

Wet

ERM HK Limited

0211731/GPP

WQ-Tracer.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

Tracer discharge from STKFCZ

Surface Layer; Top: Baseline (1660 m³/day);

Bottom: Operation (10000 m³/day)

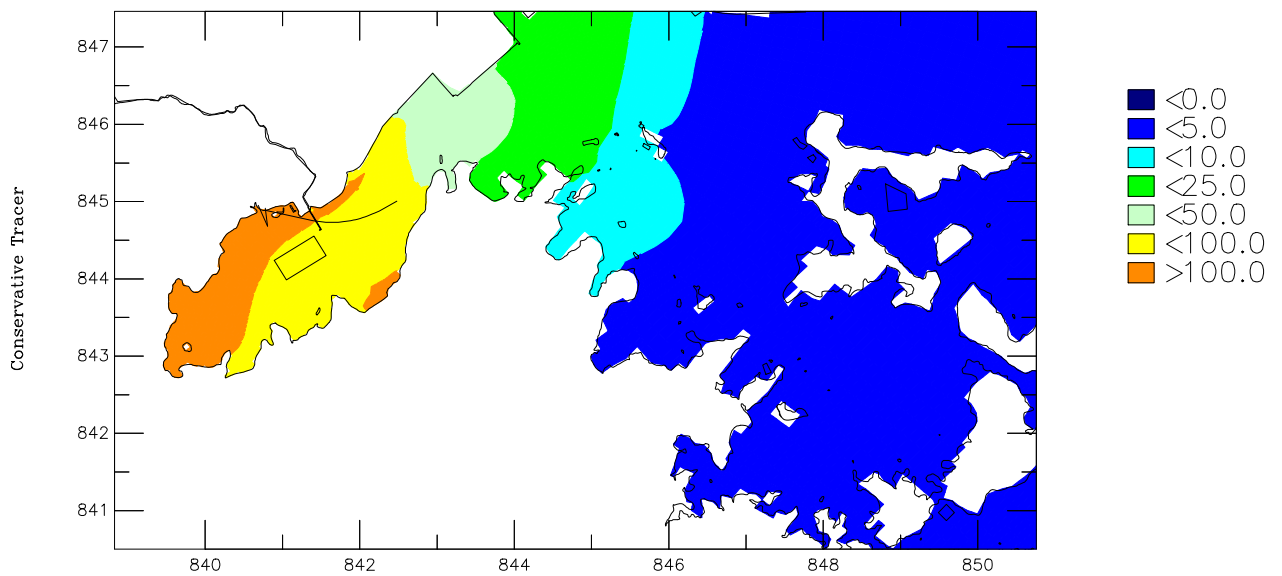
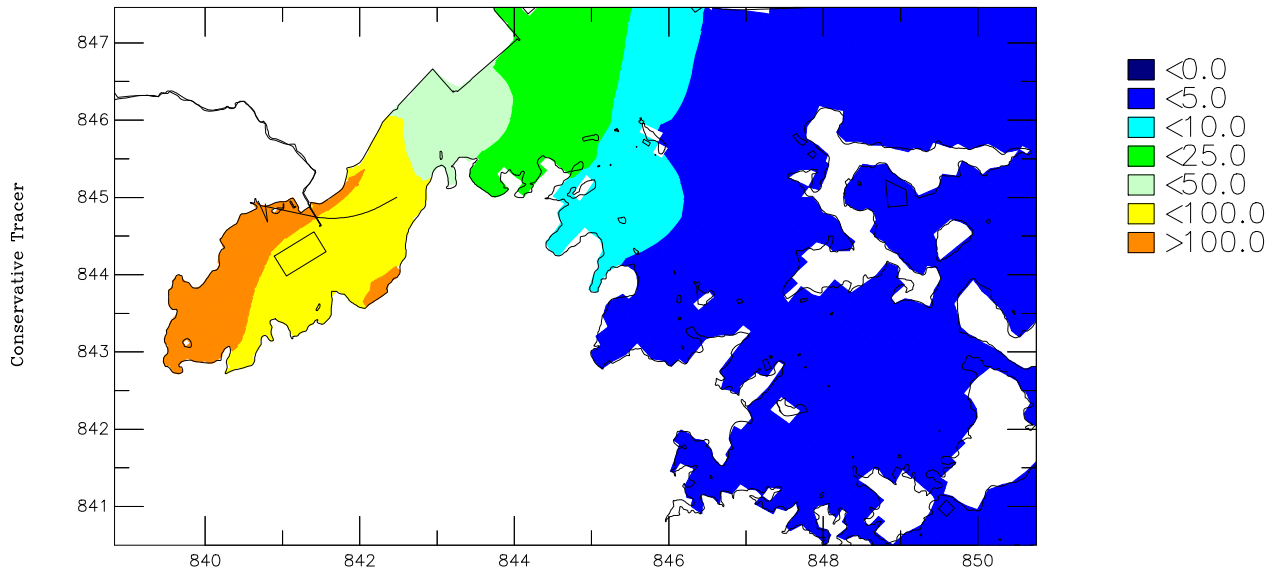
Wet

Annex 5G-8

ERM HK Limited

0211731/GPP

WQ-Tracer.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

Tracer discharge from Other Sources within STK Catchment

Surface Layer; Top: Baseline (1660 m³/day);

Bottom: Operation (10000 m³/day)

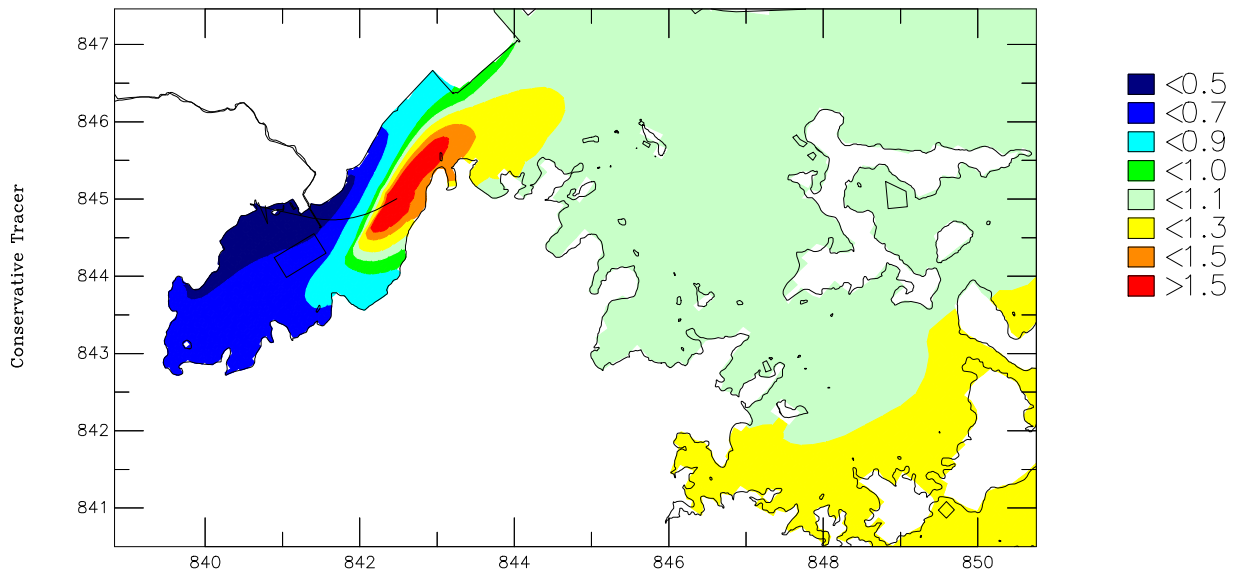
Wet

Annex 5G-9

ERM HK Limited

0211731/GPP

WQ-Tracer.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

Tracer discharge from STKSTW (Comparison between flow regimes and outfall locations)

Surface Layer;

Operation/Baseline

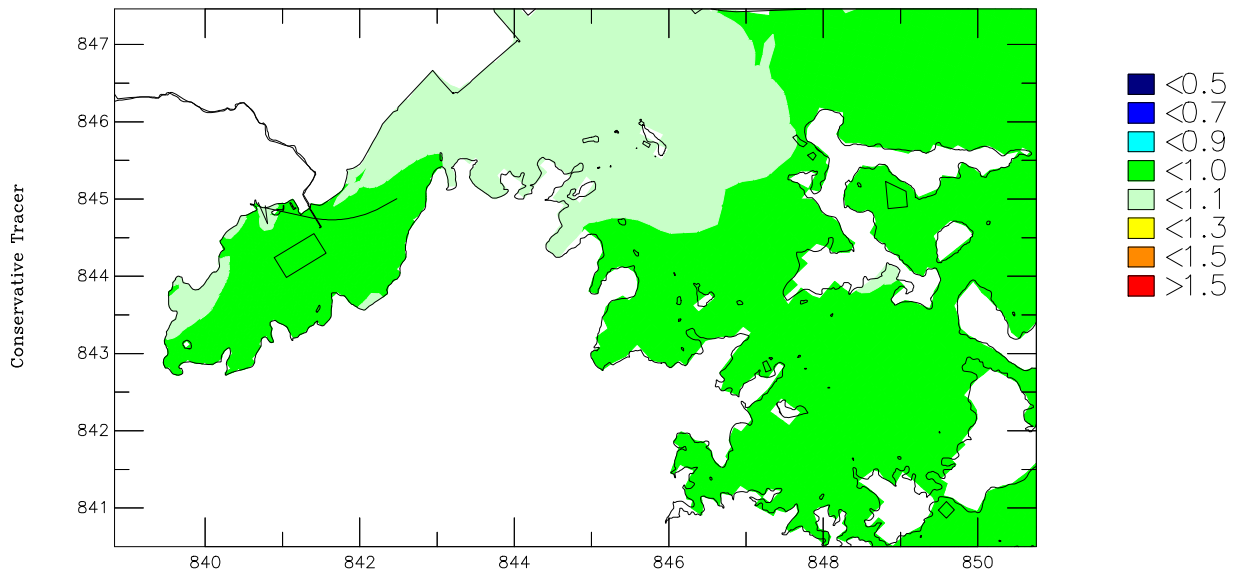
Wet

Annex 5G-10

ERM HK Limited

0211731/GPP

WQ-Tracer.ssn



Expansion of Sha Tau Kok Sewage Treatment Works		Wet
Tracer discharge from Other Sources within STK Catchment (Comparison between flow regimes and outfall locations)	Annex 5G-12	
Surface Layer; Operation/Baseline	0211731/GPP	WQ-Tracer.ssn
ERM HK Limited		