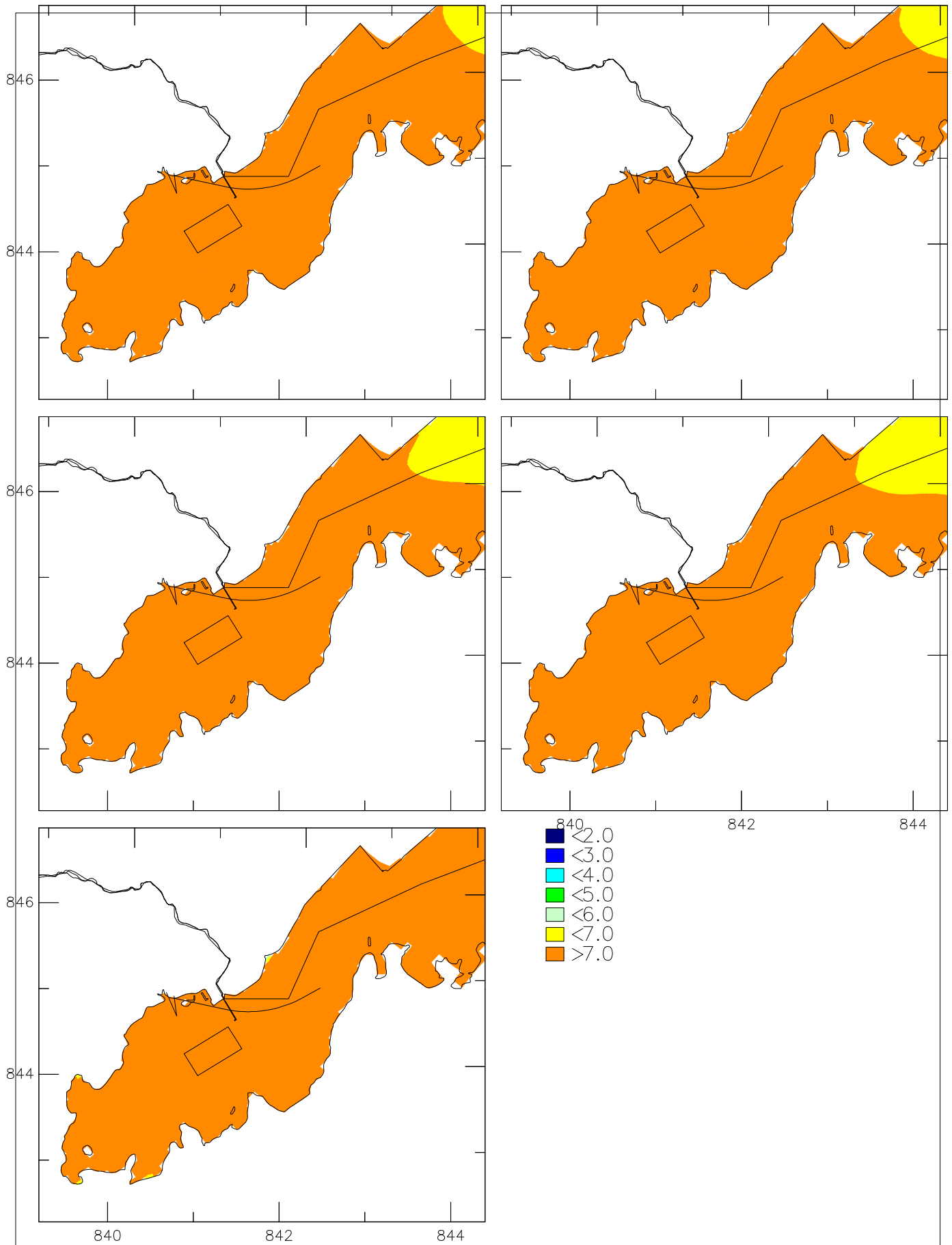


Annex 5J

Contour Plot Results for the Emergency Discharge Modelling



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Spring Tide High Water

Surface Dissolved Oxygen (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

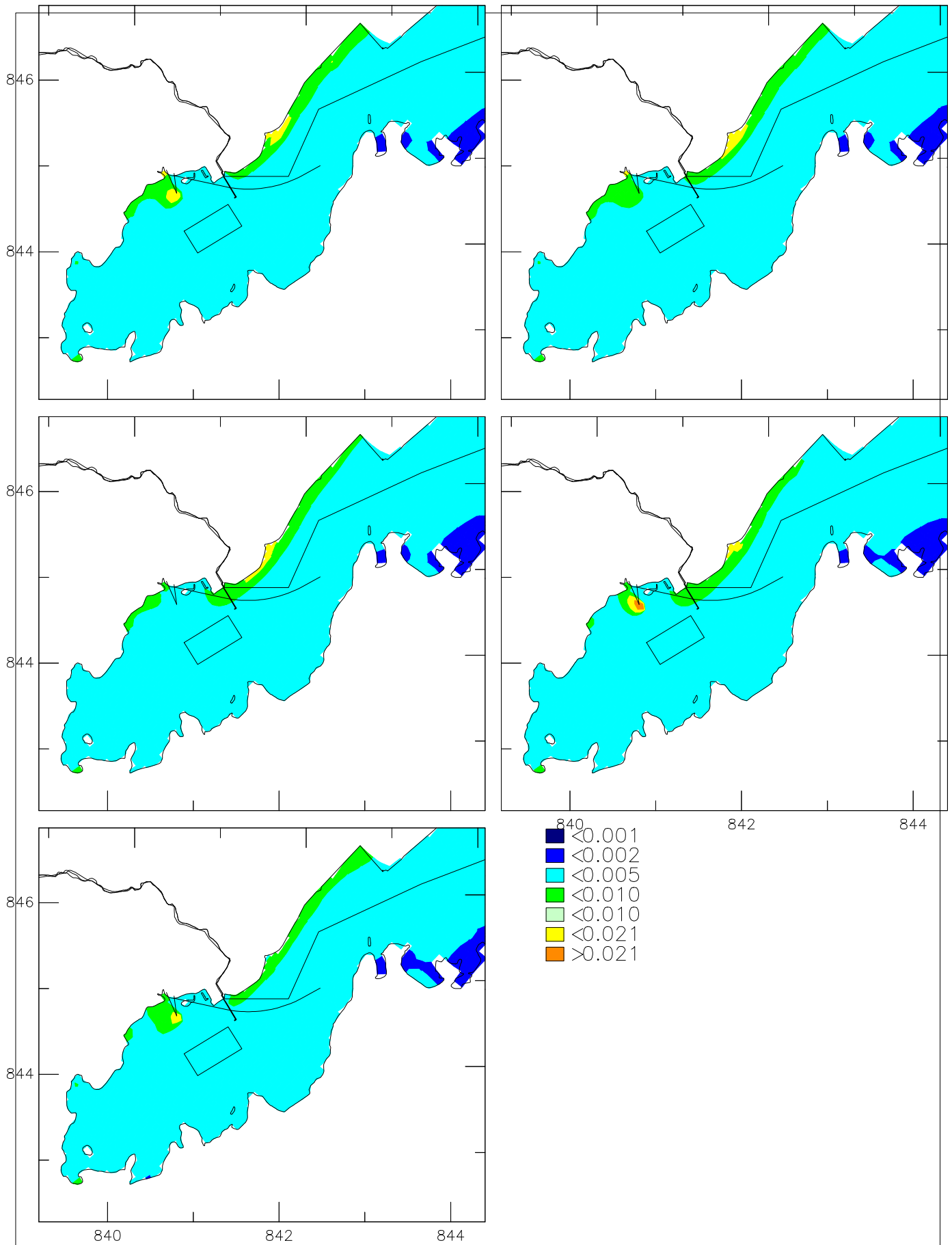
Dry

Annex 5J-001

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Spring Tide High Water

Surface Unionized Ammonia (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

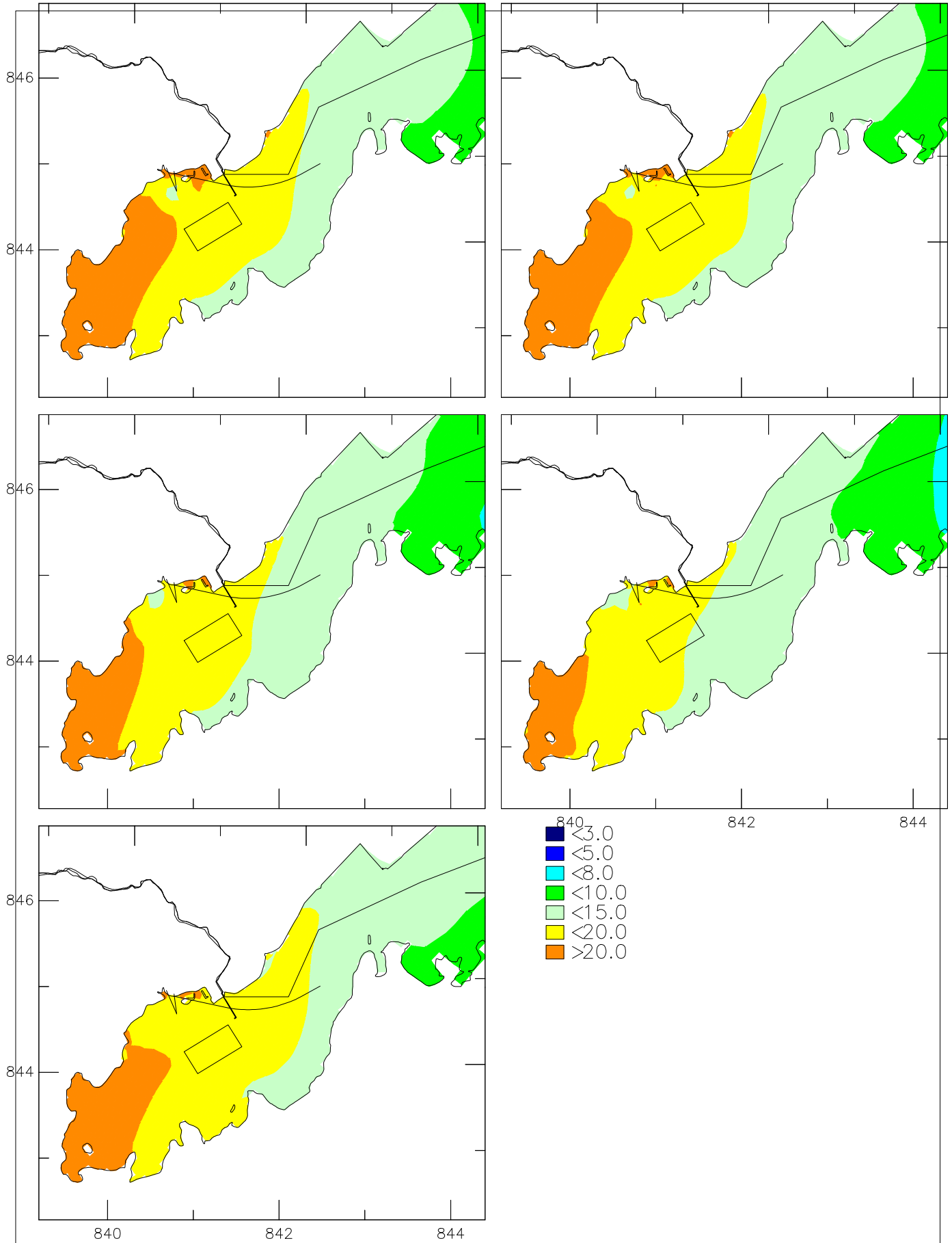
Dry

Annex 5J-002

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSP in Spring Tide High Water

Surface Suspended Solids (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

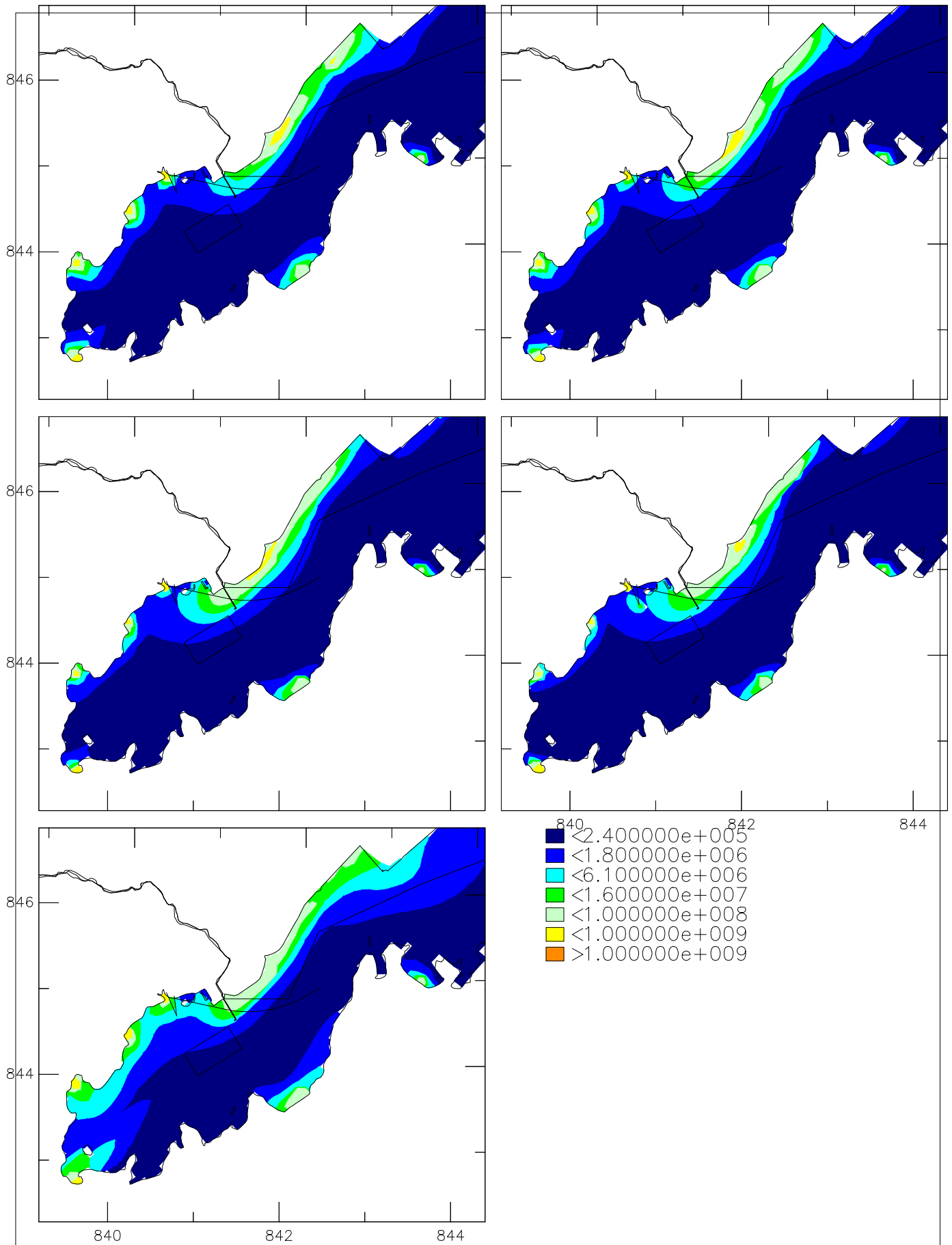
Dry

Annex 5J-03

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Spring Tide High Water

Surface E.coli (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

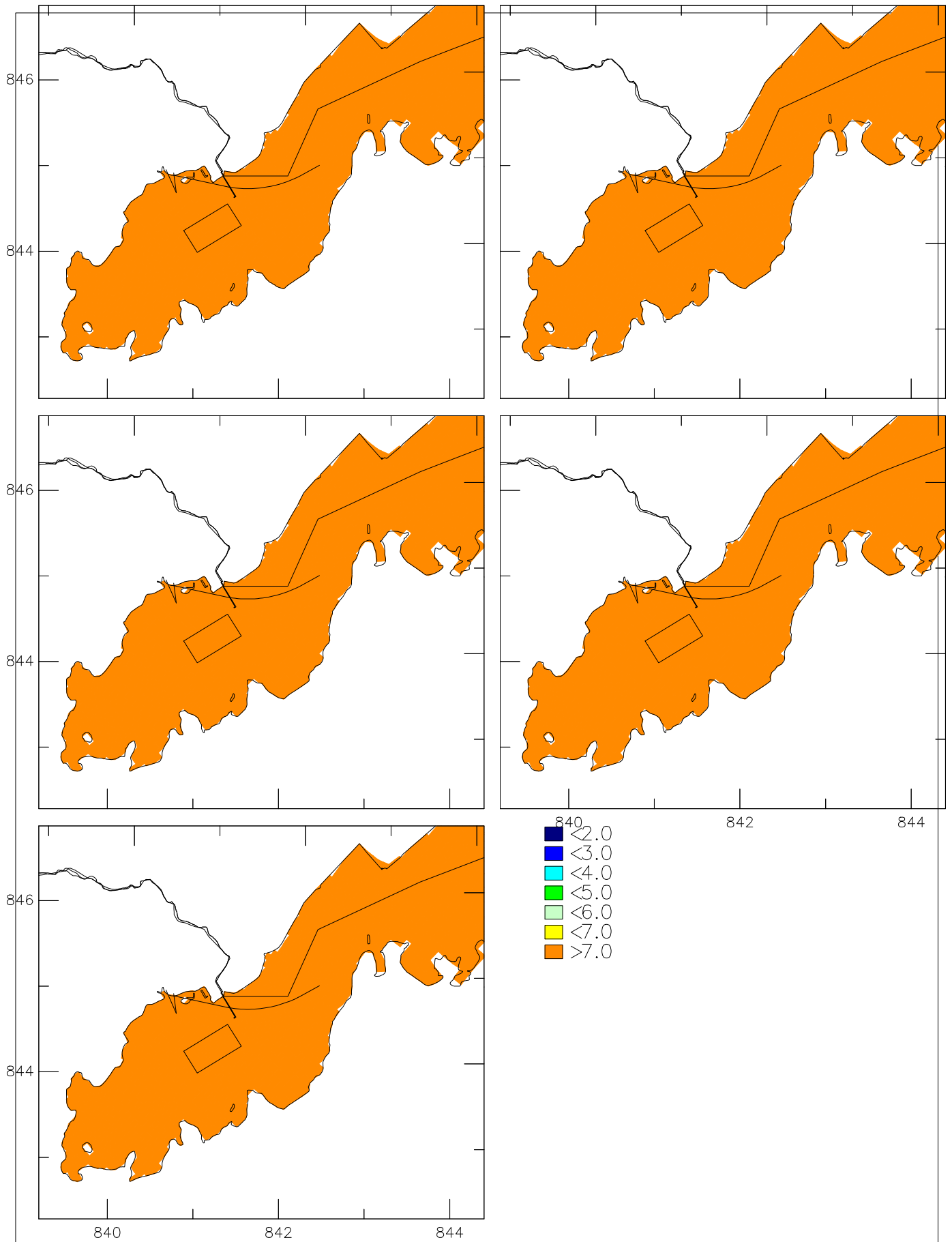
Dry

Annex 5J-04

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water

Surface Dissolved Oxygen (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

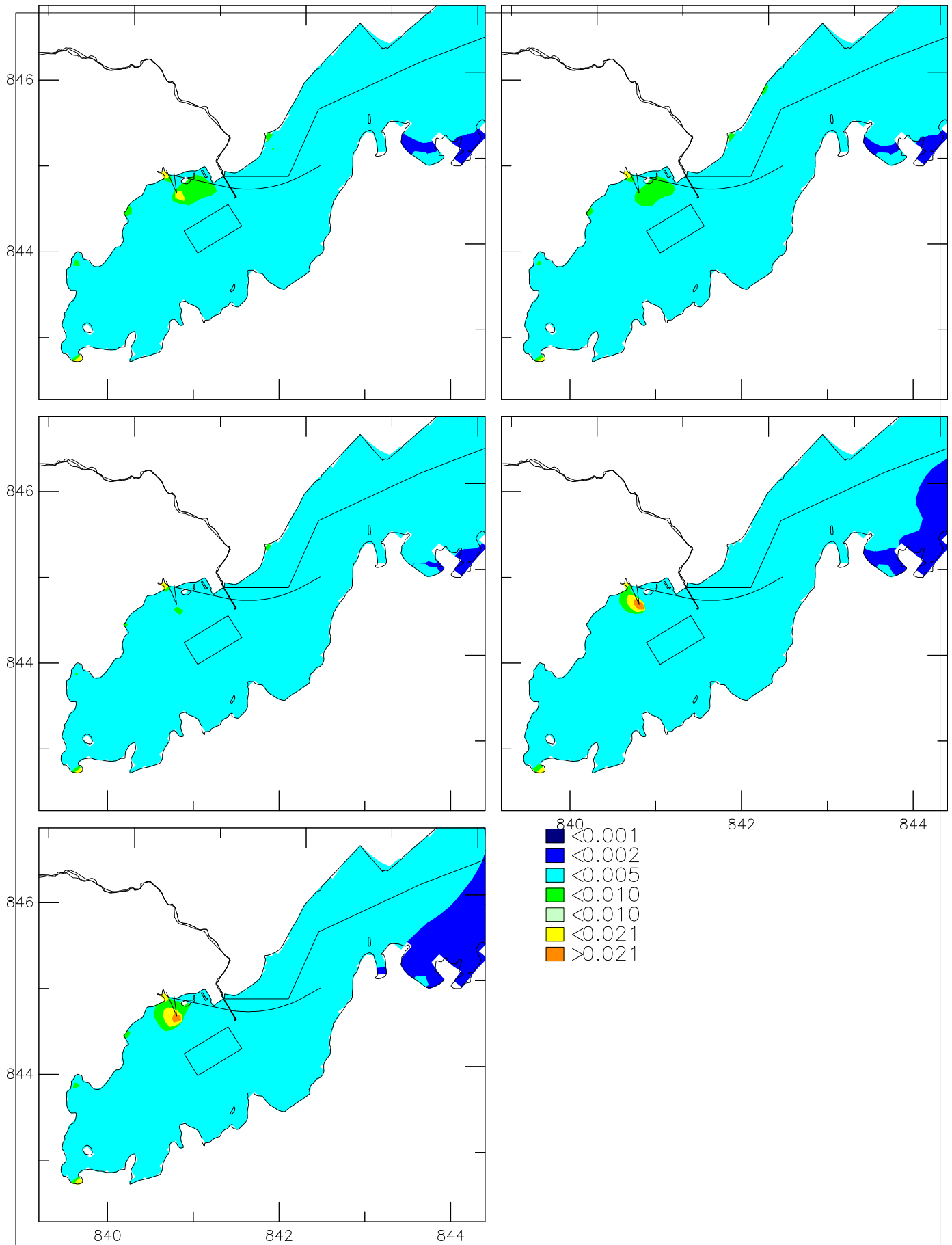
Dry

Annex 5J-05

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water

Surface Unionized Ammonia (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

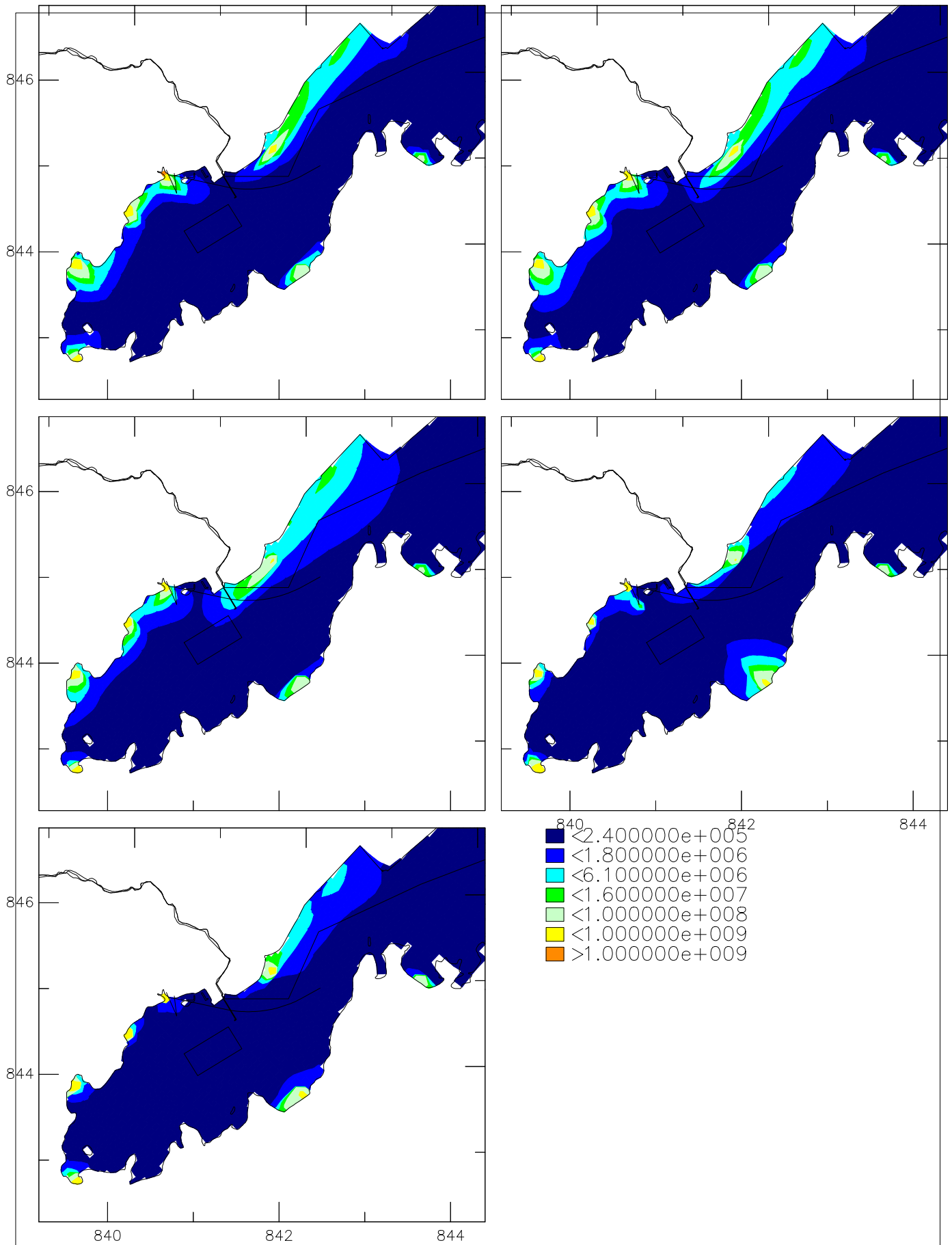
Dry

Annex 5J-06

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water

Surface E.coli (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

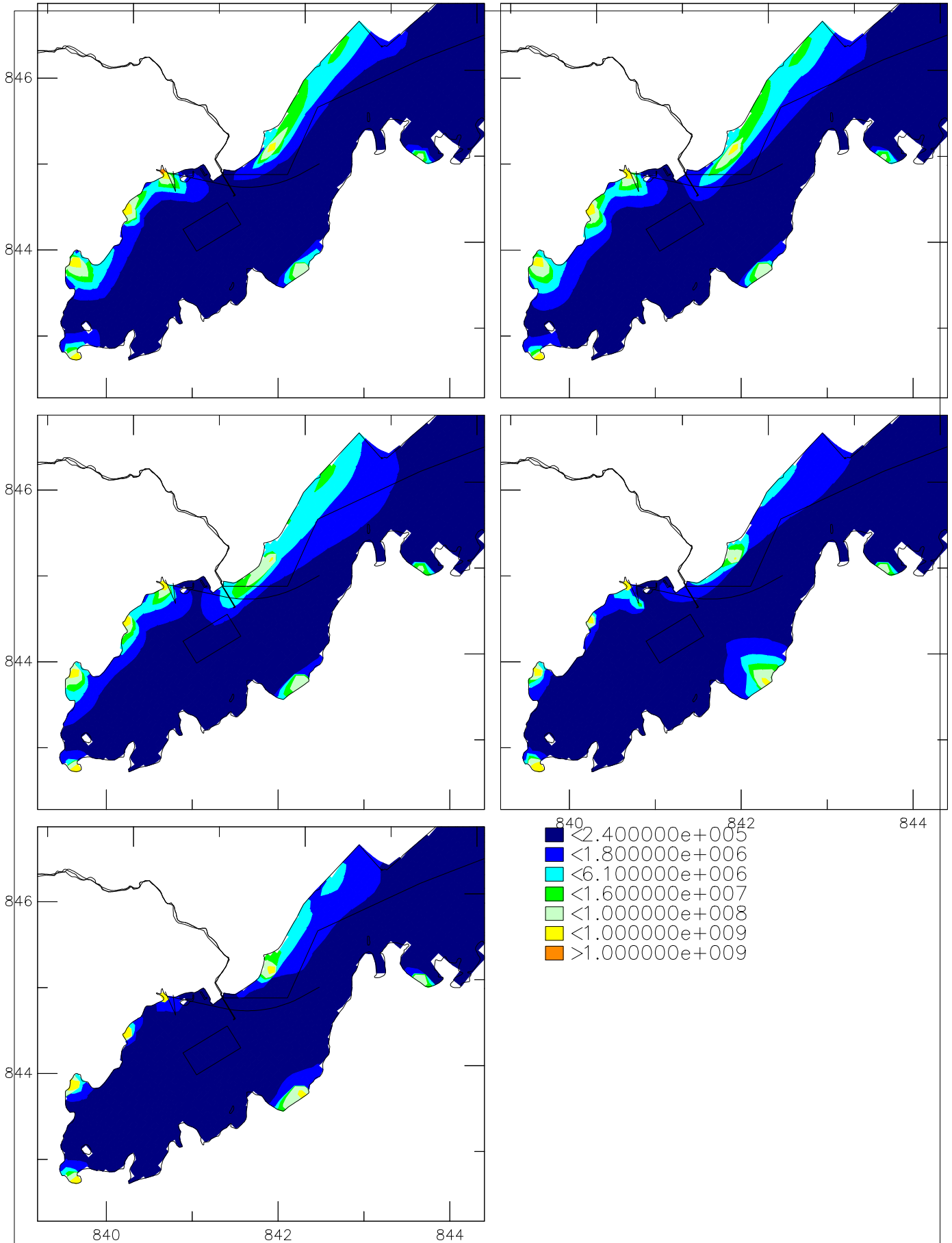
Dry

Annex 5J-08

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water

Surface E.coli (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

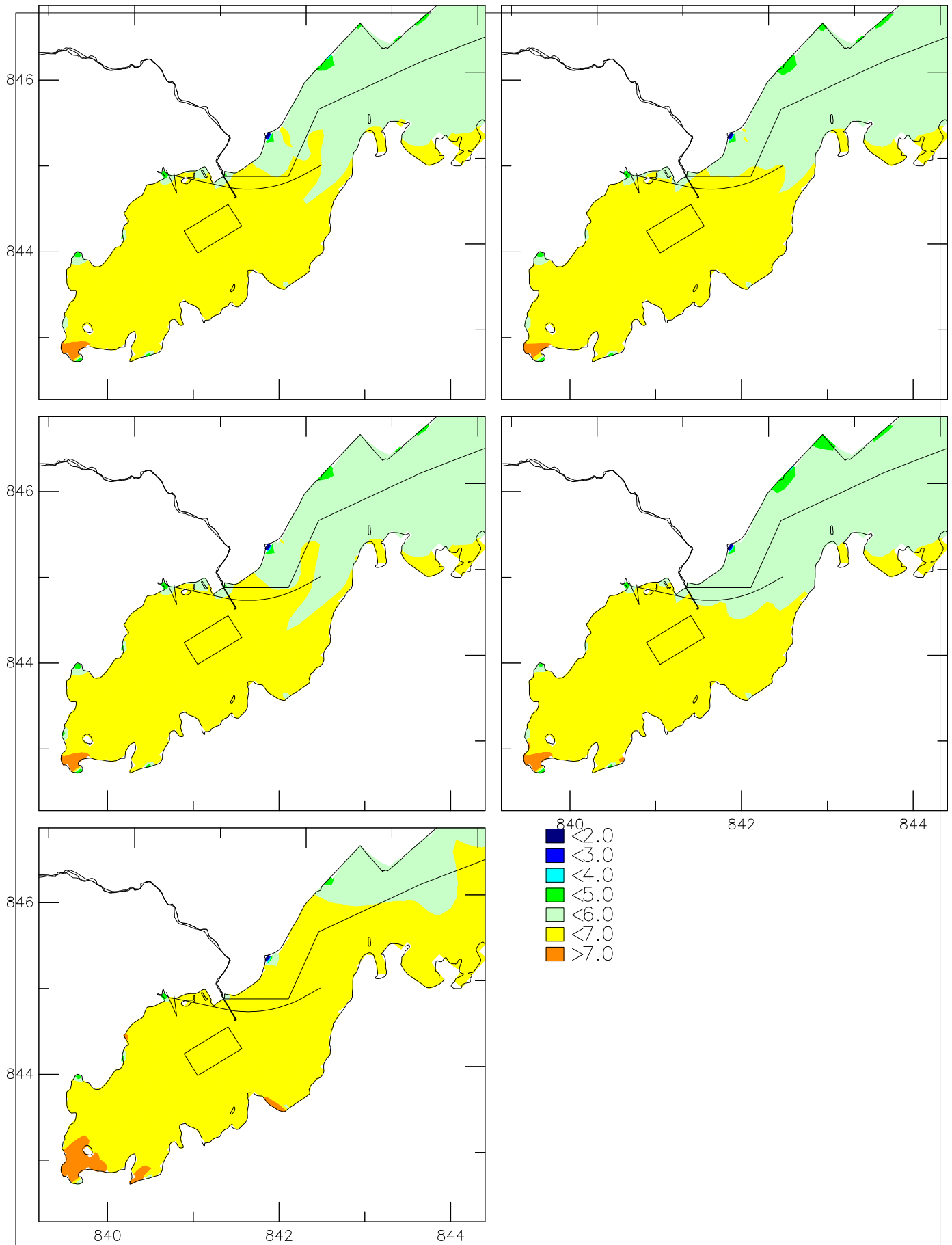
Dry

Annex 5J-08

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Spring Tide High Water

Surface Dissolved Oxygen (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

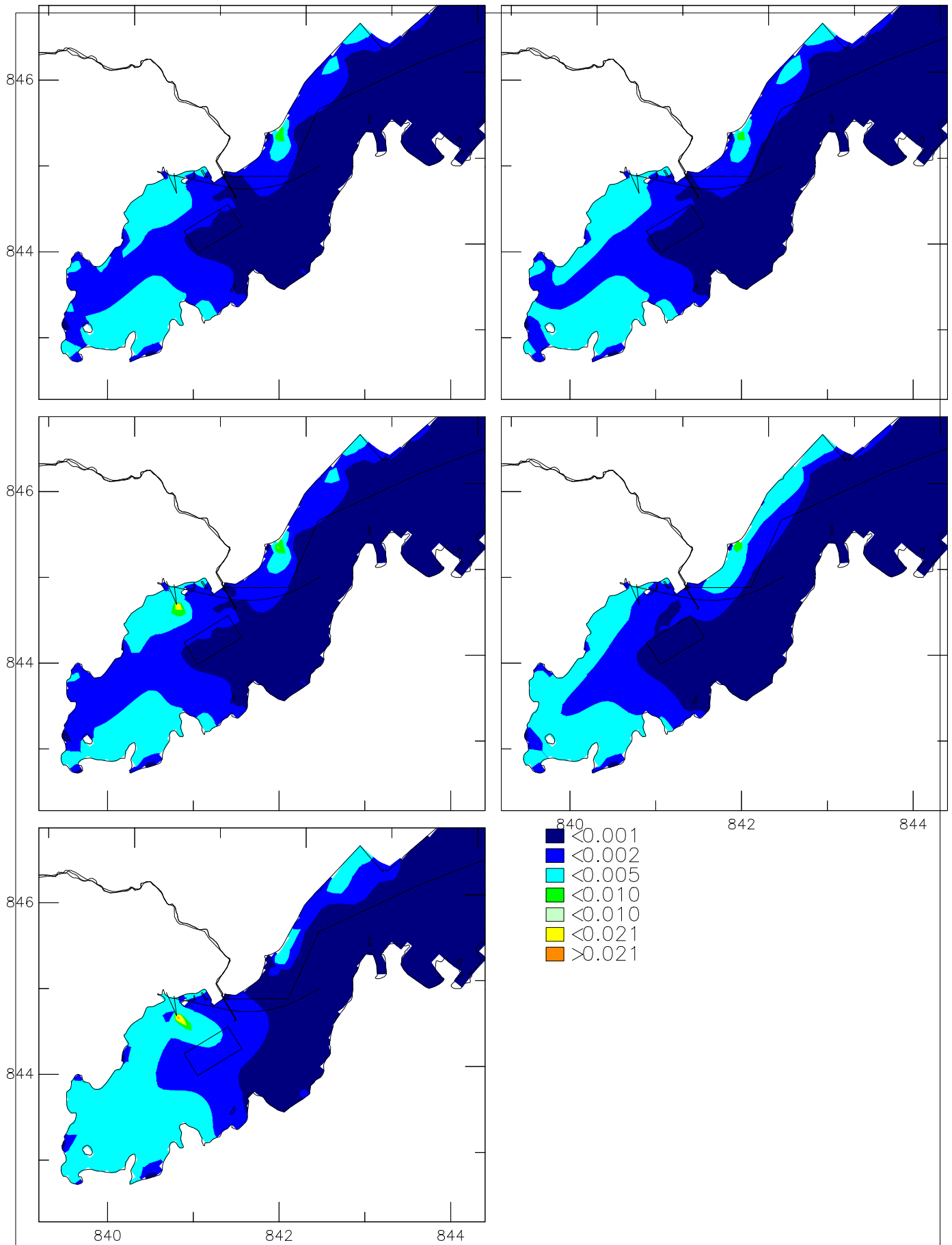
Wet

Annex 5J-09

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Spring Tide High Water

Surface Unionized Ammonia (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

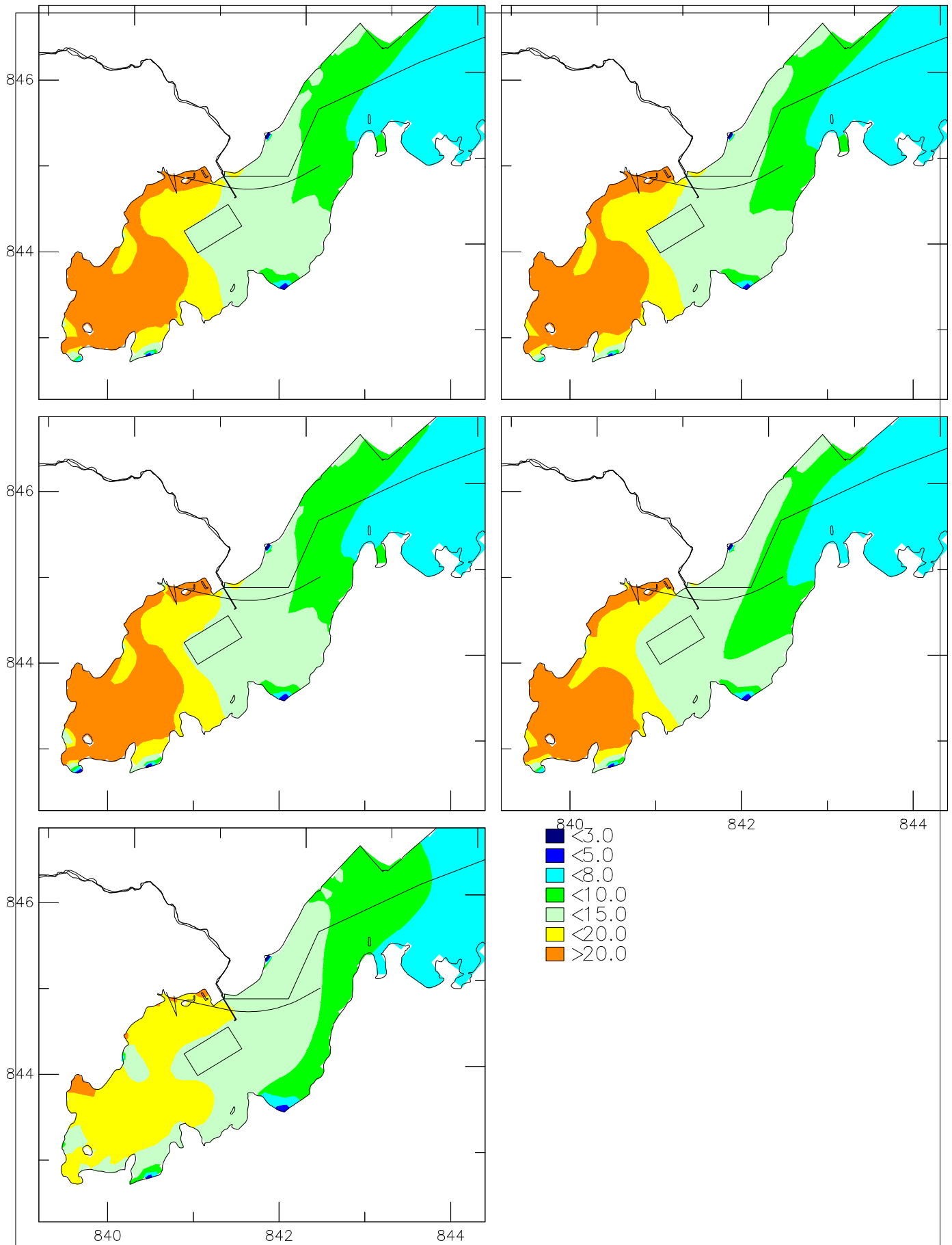
Wet

Annex 5J-10

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Spring Tide High Water

Surface Suspended Solids (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

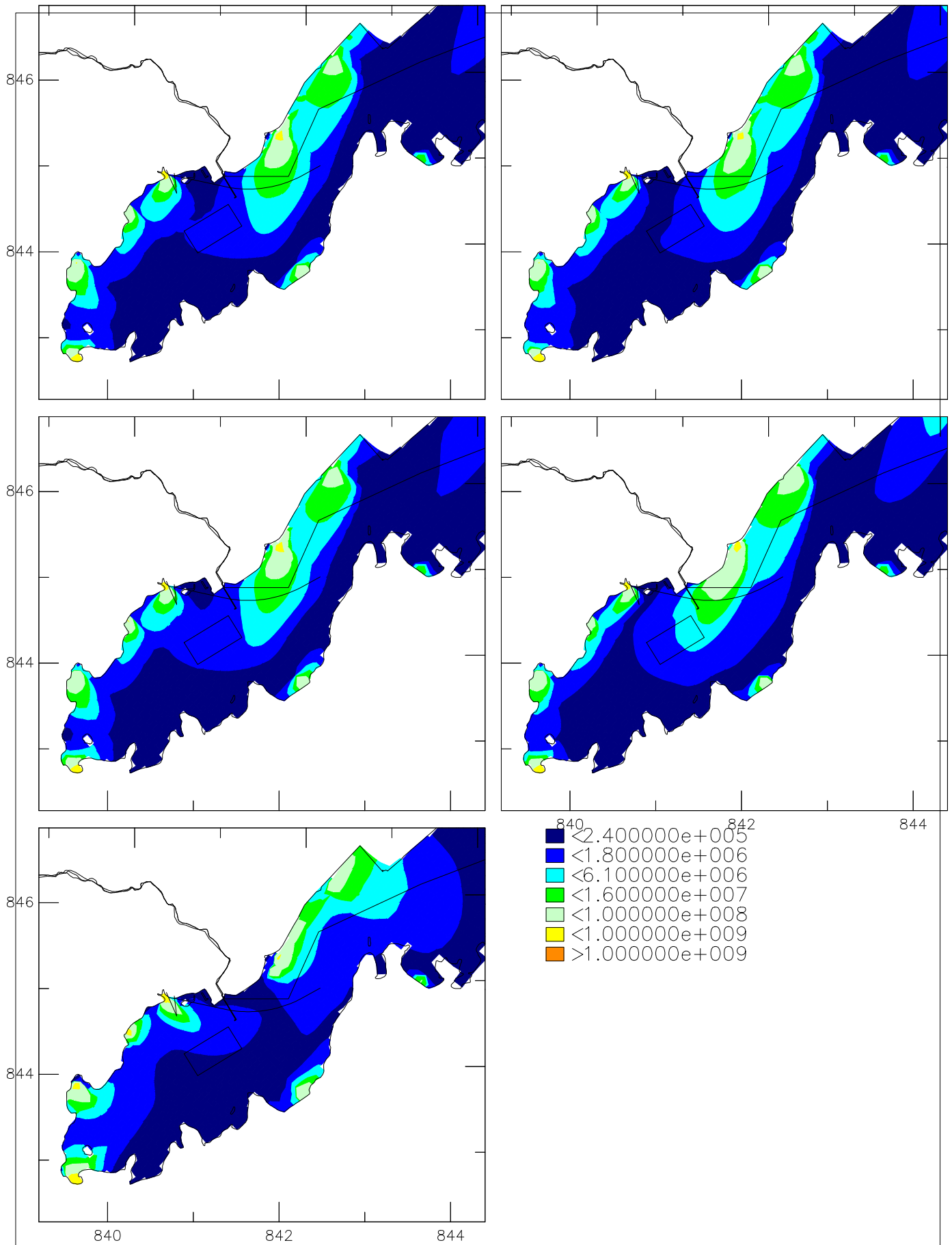
Wet

Annex 5J-11

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Spring Tide High Water

Surface E.coli (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

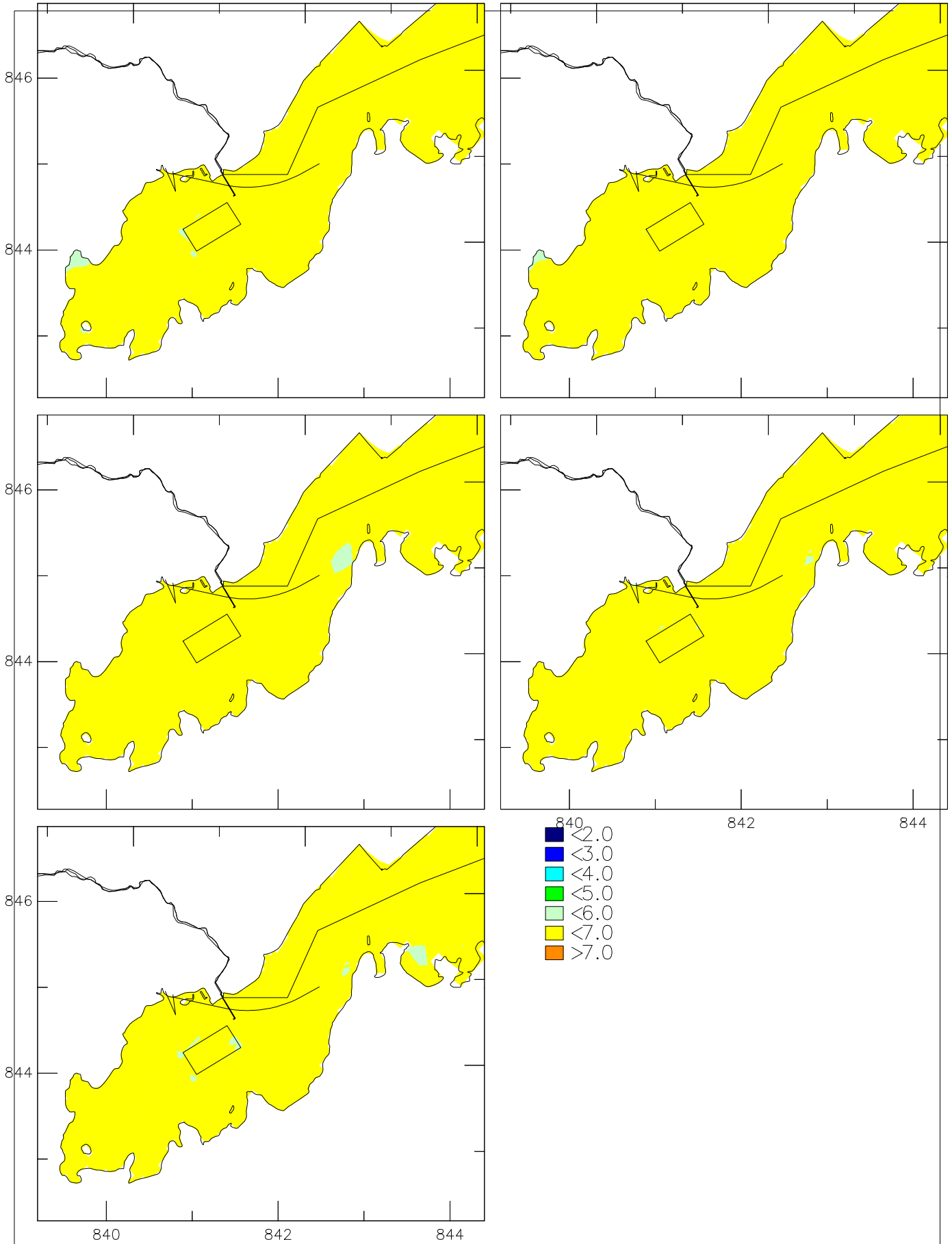
Wet

Annex 5J-12

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water

Surface Dissolved Oxygen (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

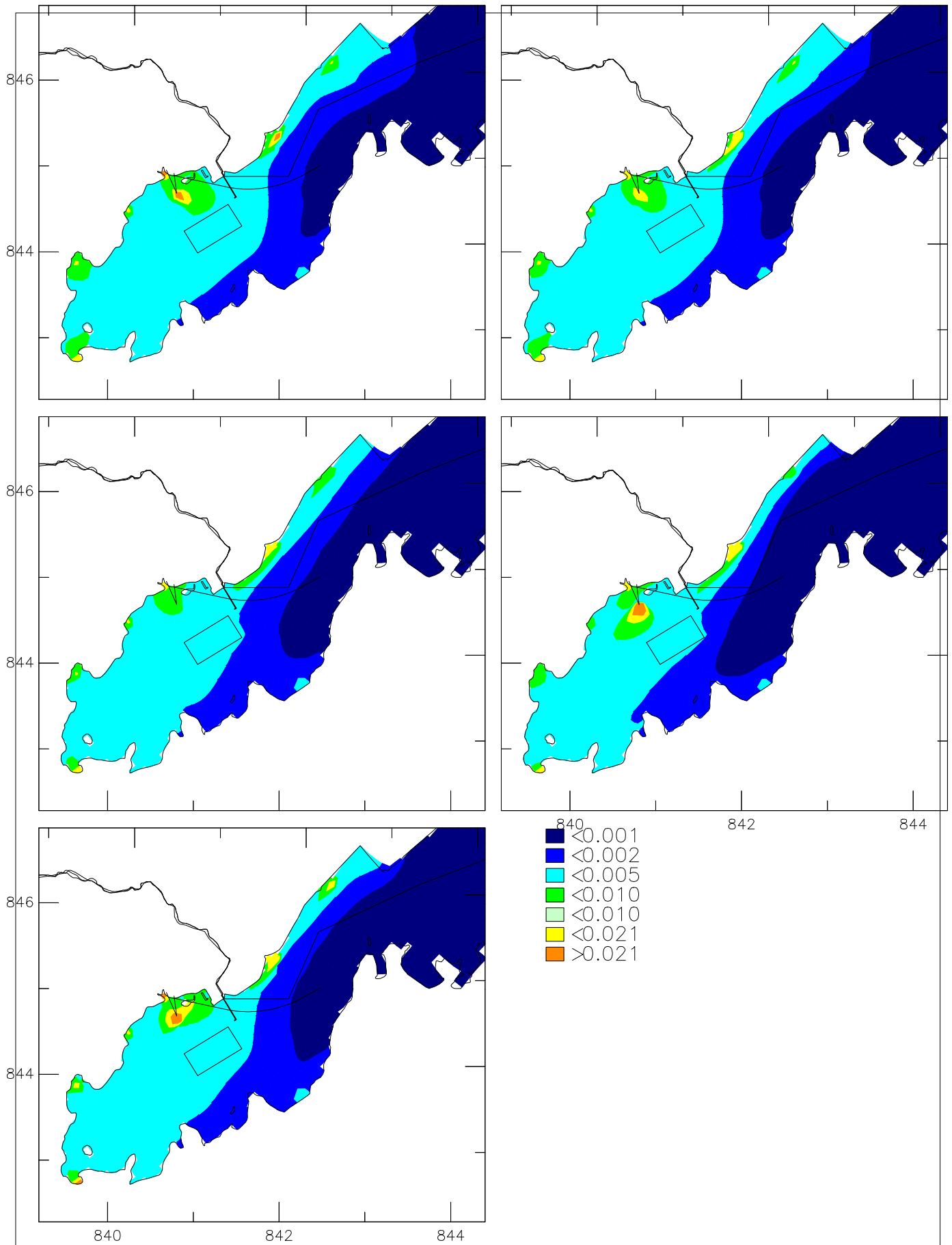
Wet

Annex 5J-13

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water

Surface Unionized Ammonia (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

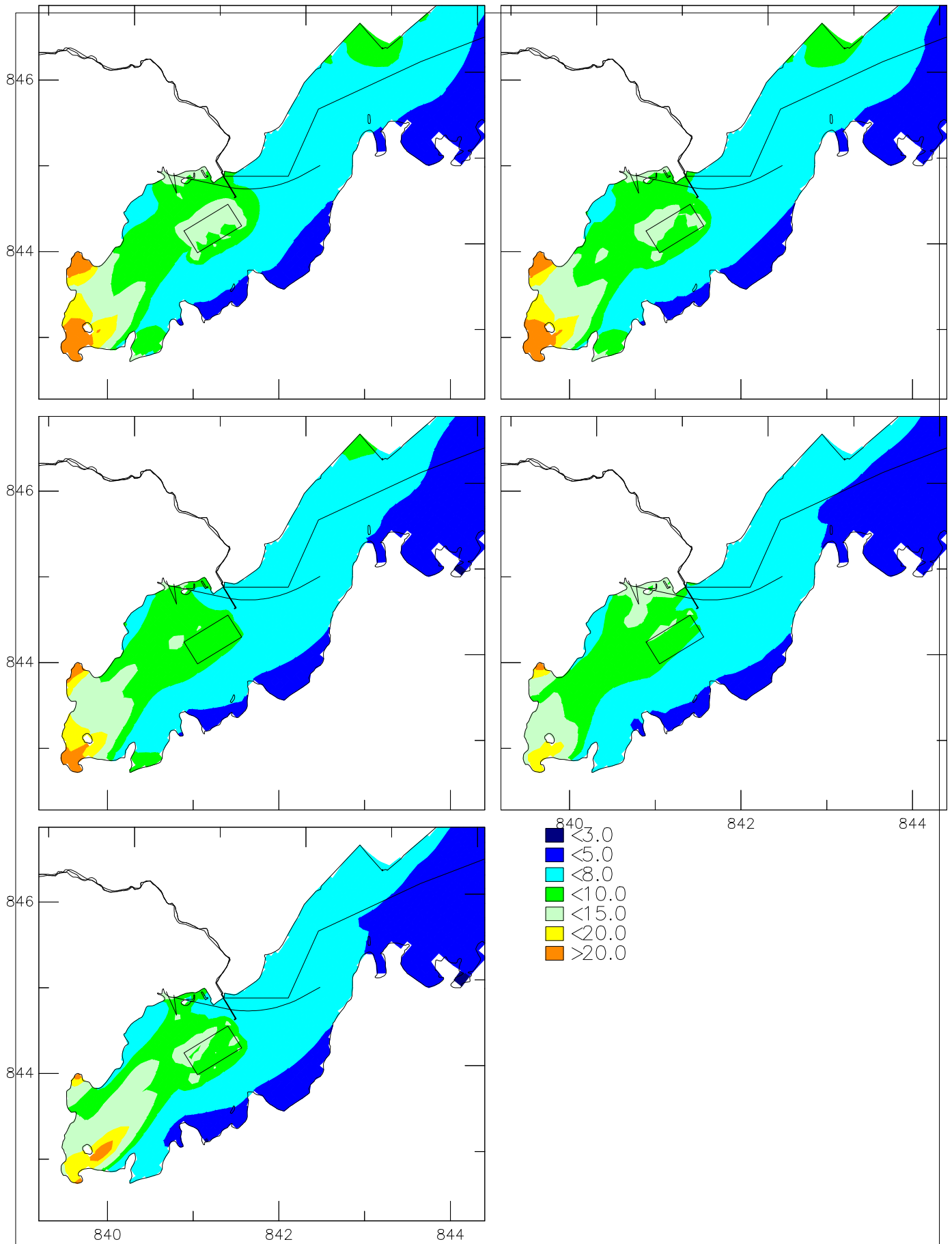
Wet

Annex 5J-14

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water

Surface Suspended Solids (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2020

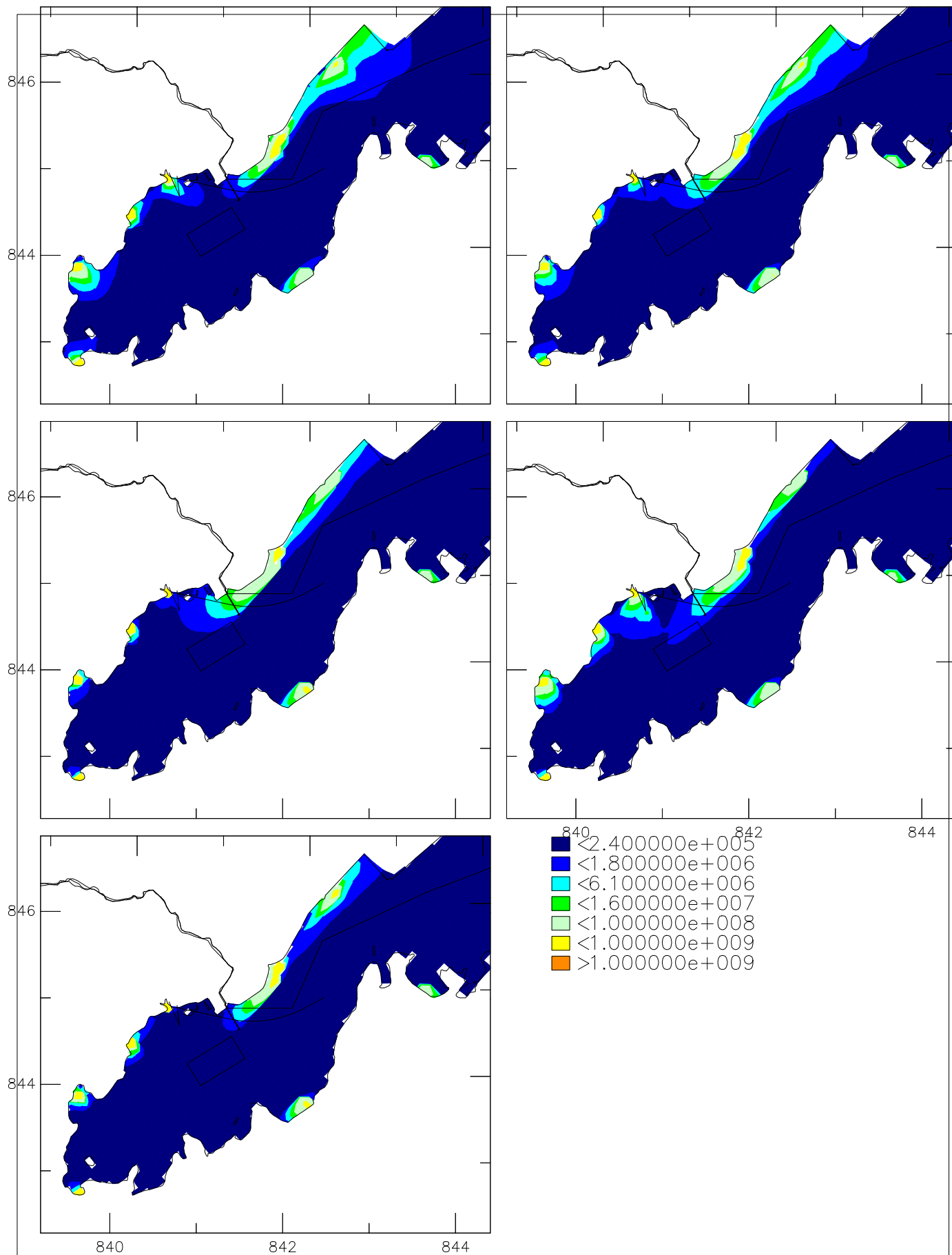
Wet

Annex 5J-15

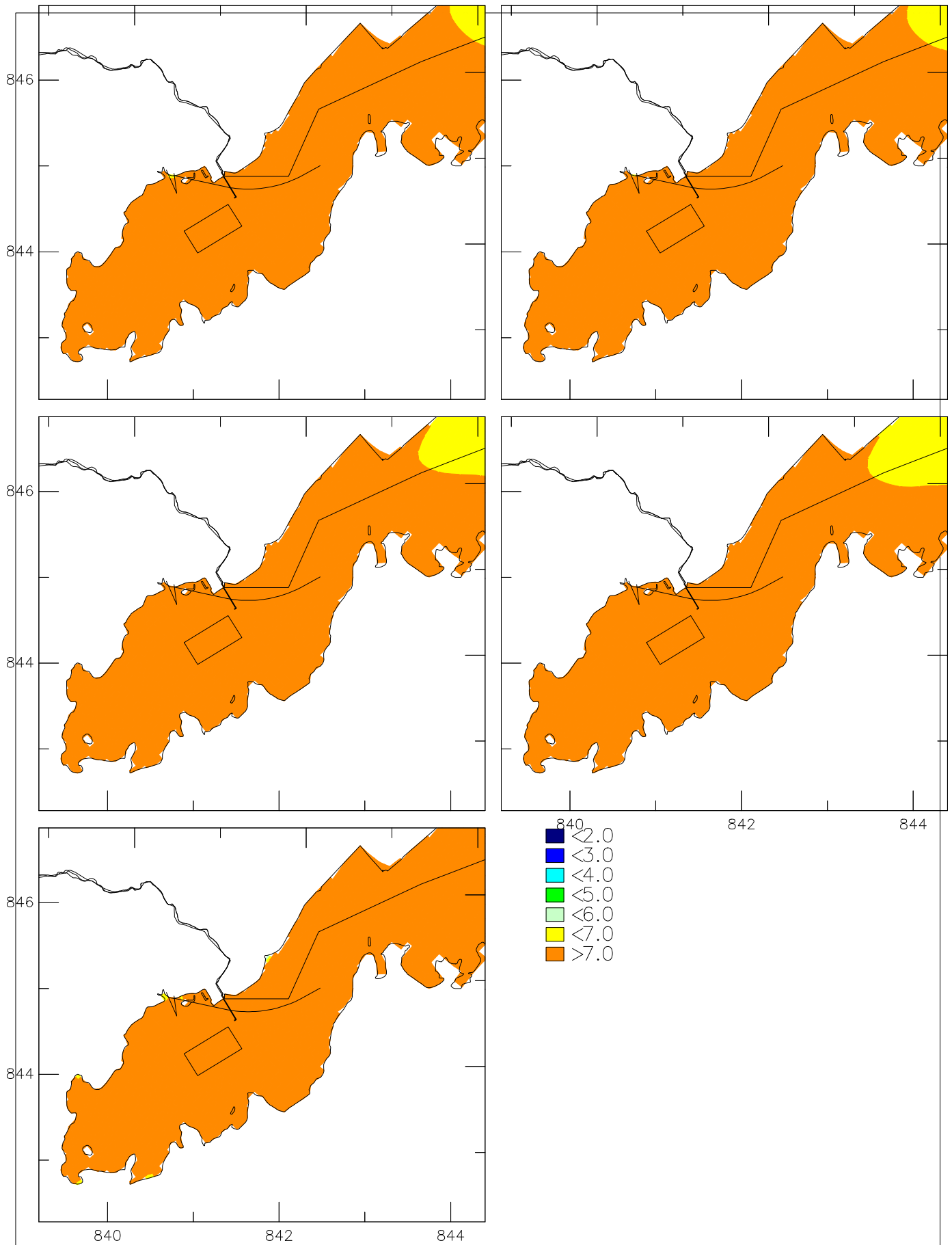
ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works 2020 Emergency Discharge from the TSTP in Neap Tide High Water Surface E.coli (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge	Year 2020	Wet
	Annex 5J-16	
ERM HK Limited	0211731/GPP	EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water

Surface Dissolved Oxygen (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

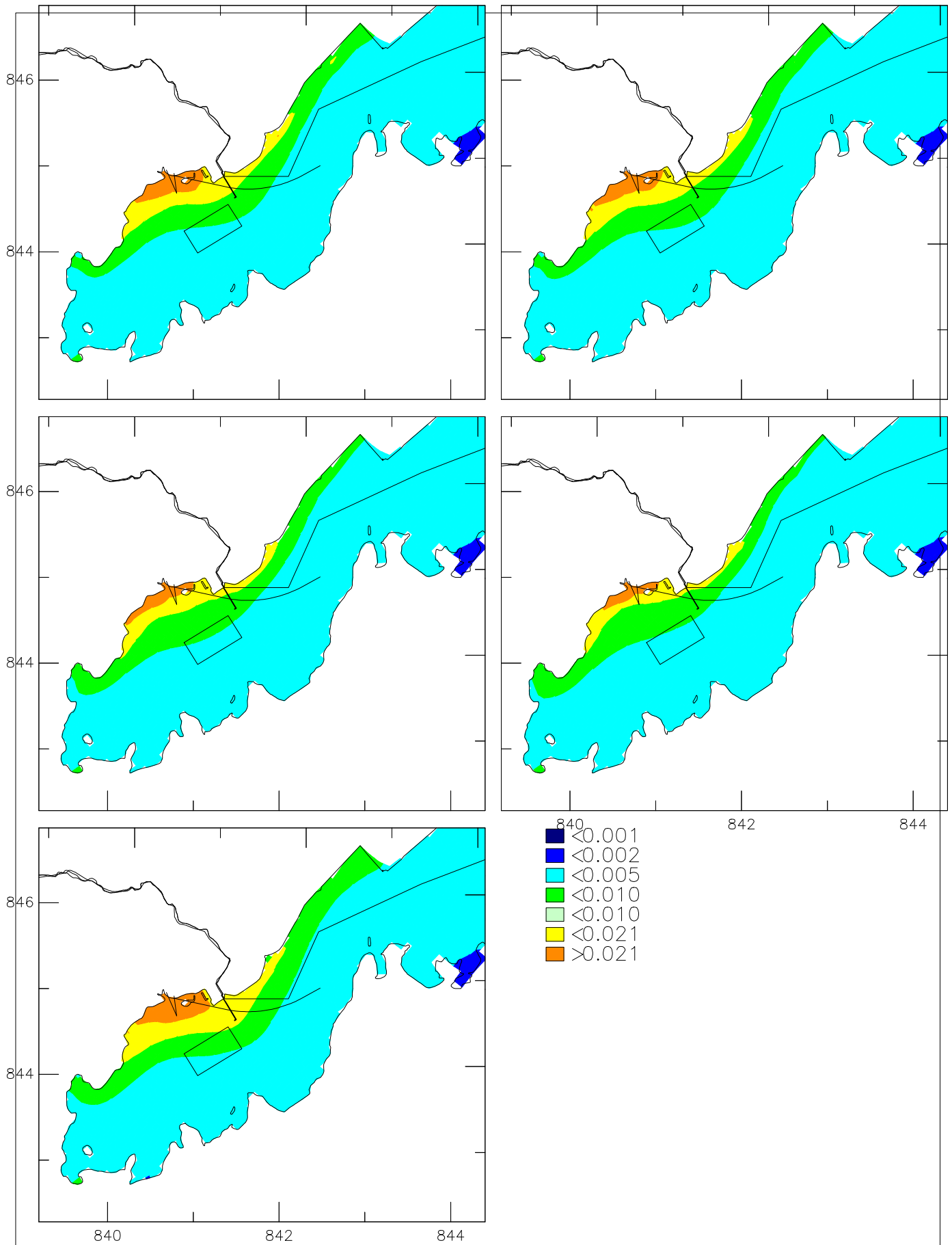
Dry

Annex 5J-17

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water

Surface Unionized Ammonia (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

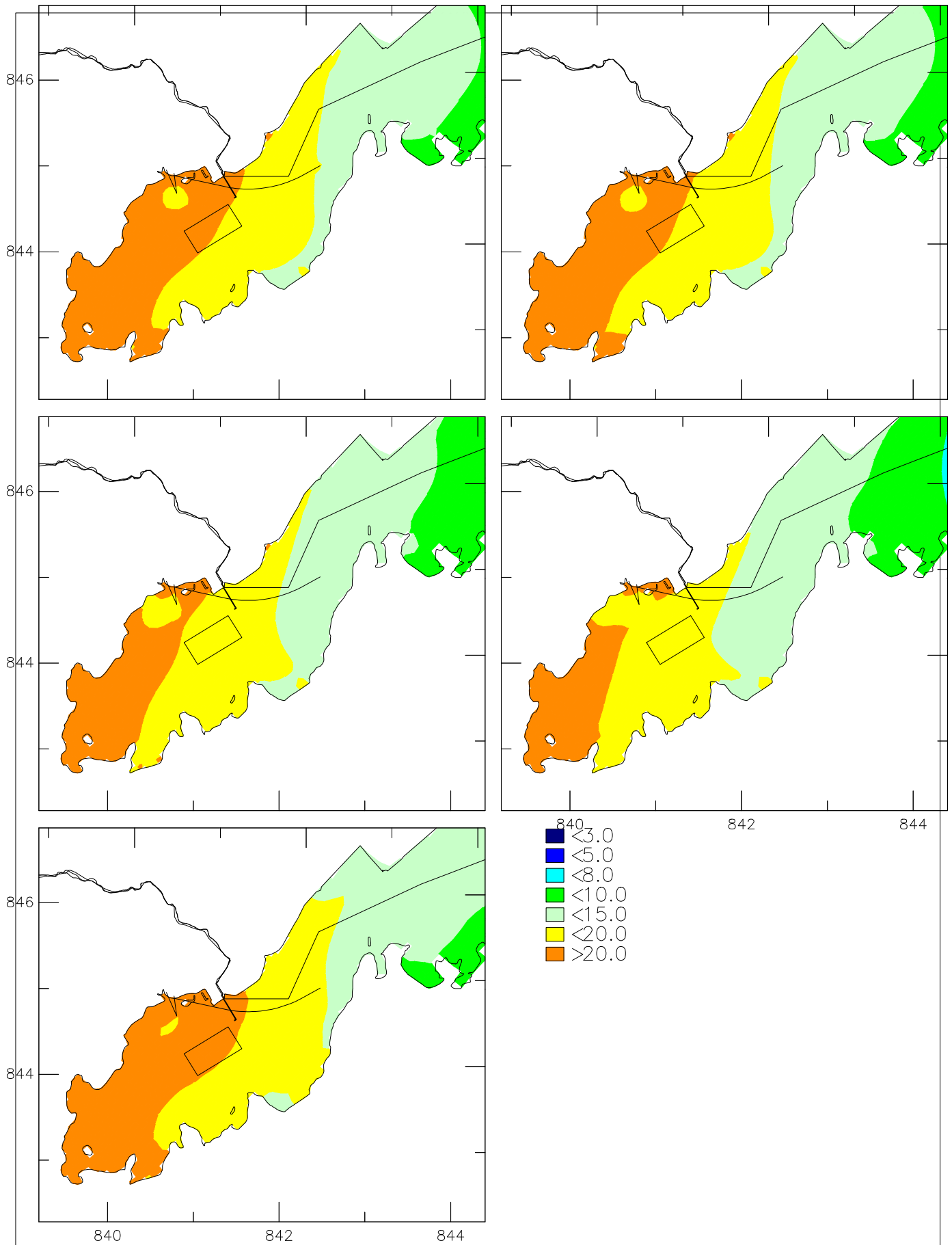
Dry

Annex 5J-18

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water

Year 2030

Dry

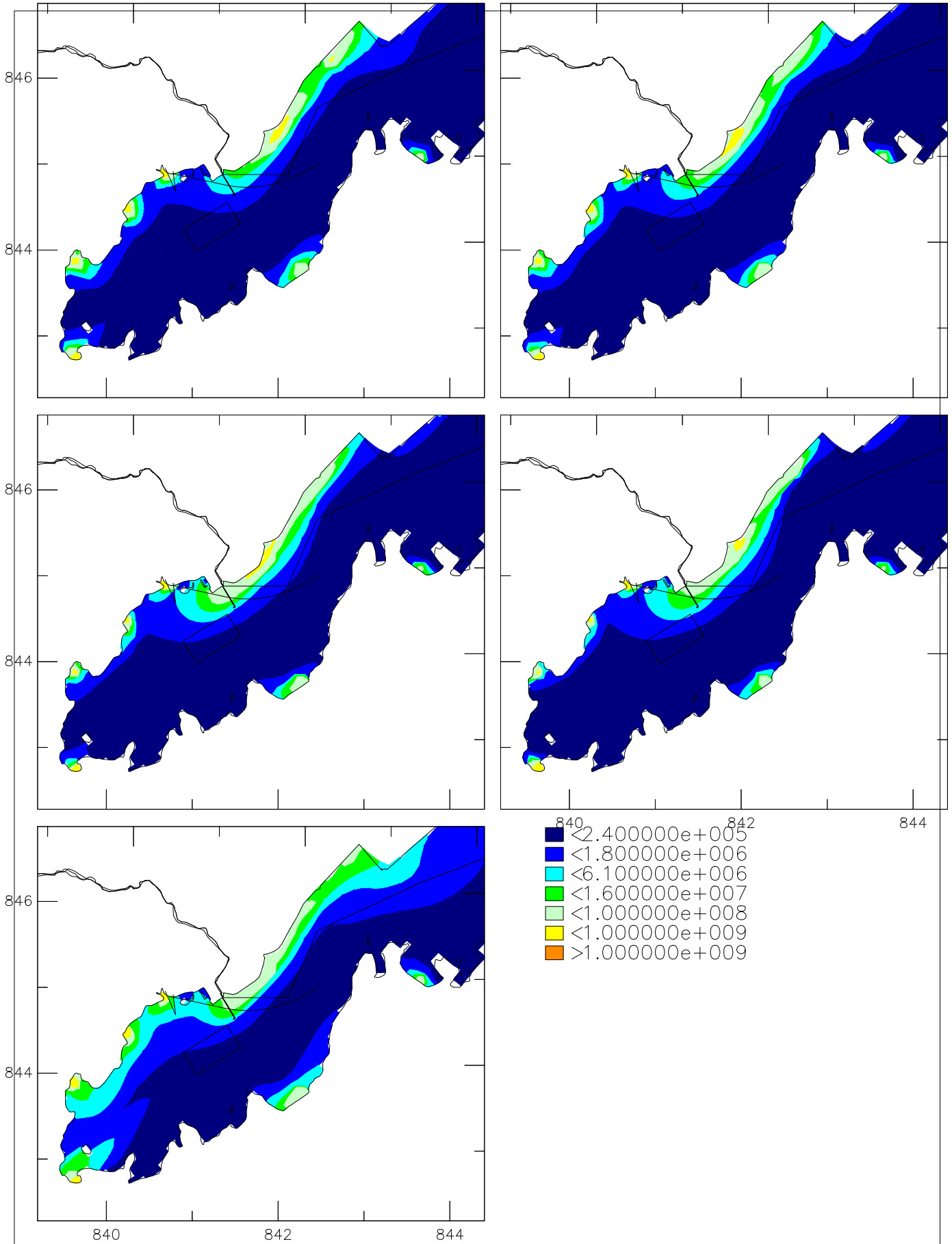
Surface Suspended Solids (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Annex 5J-18

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water

Surface E.coli (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

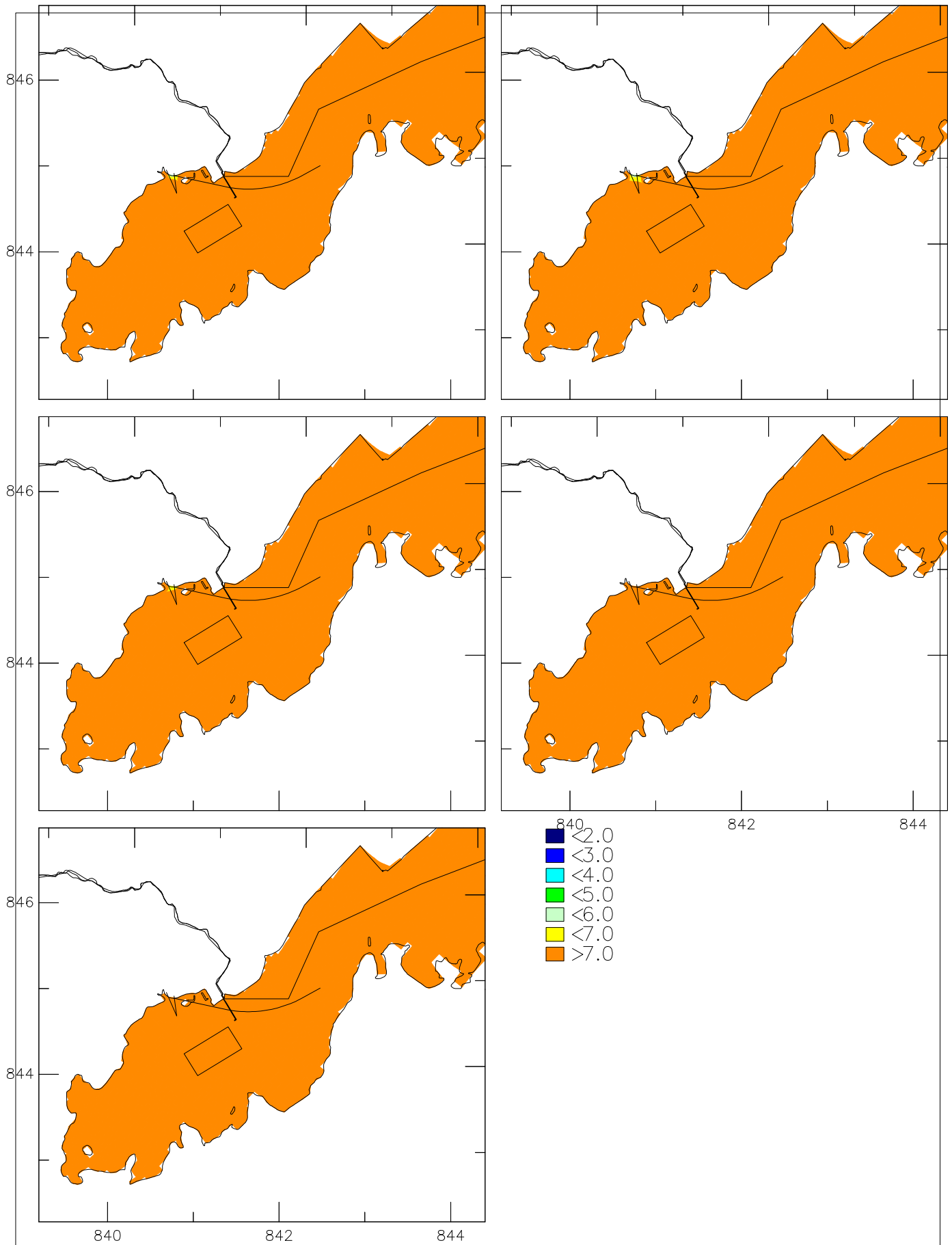
Dry

Annex 5J-20

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water

Surface Dissolved Oxygen (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

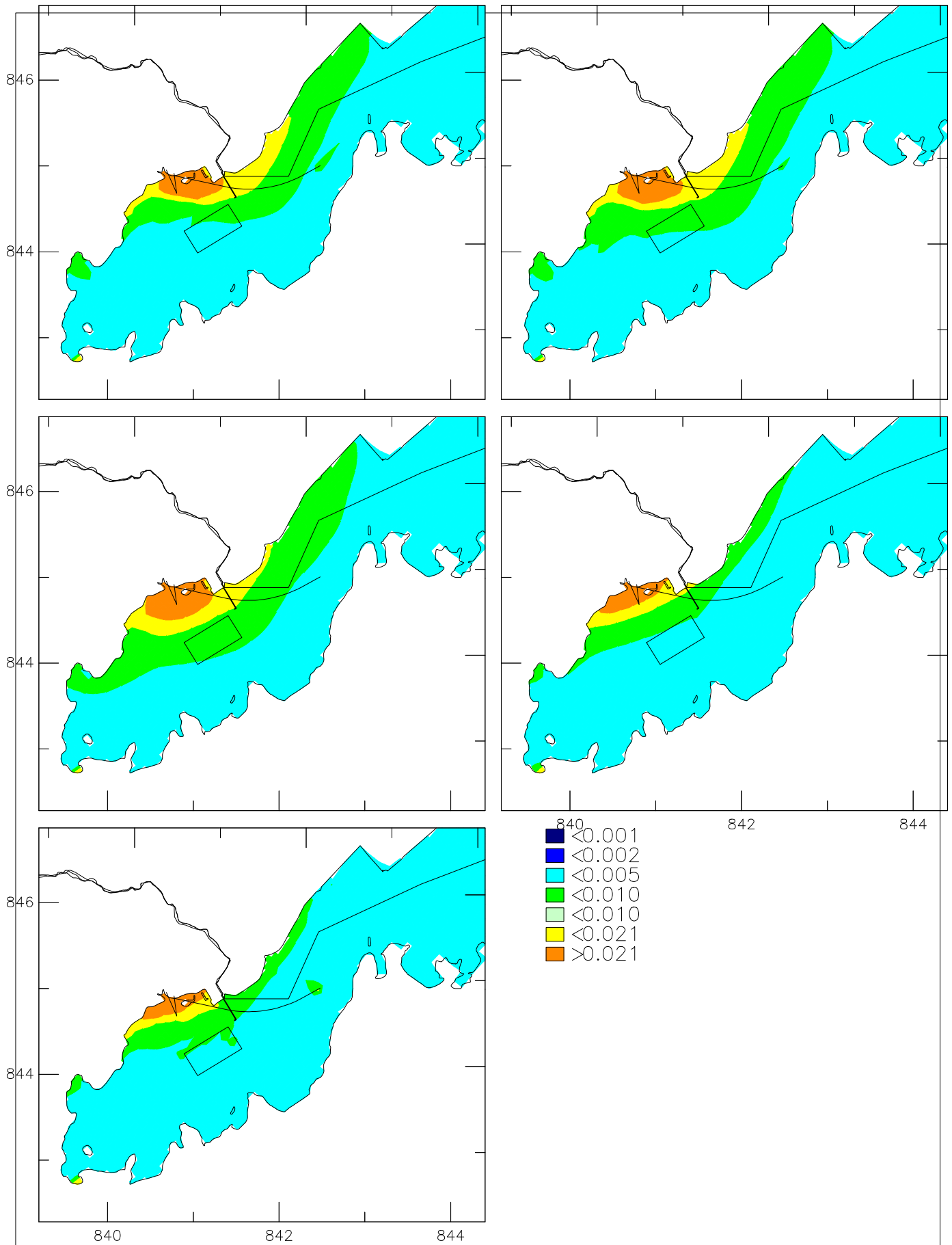
Dry

Annex 5J-21

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water

Surface Unionized Ammonia (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

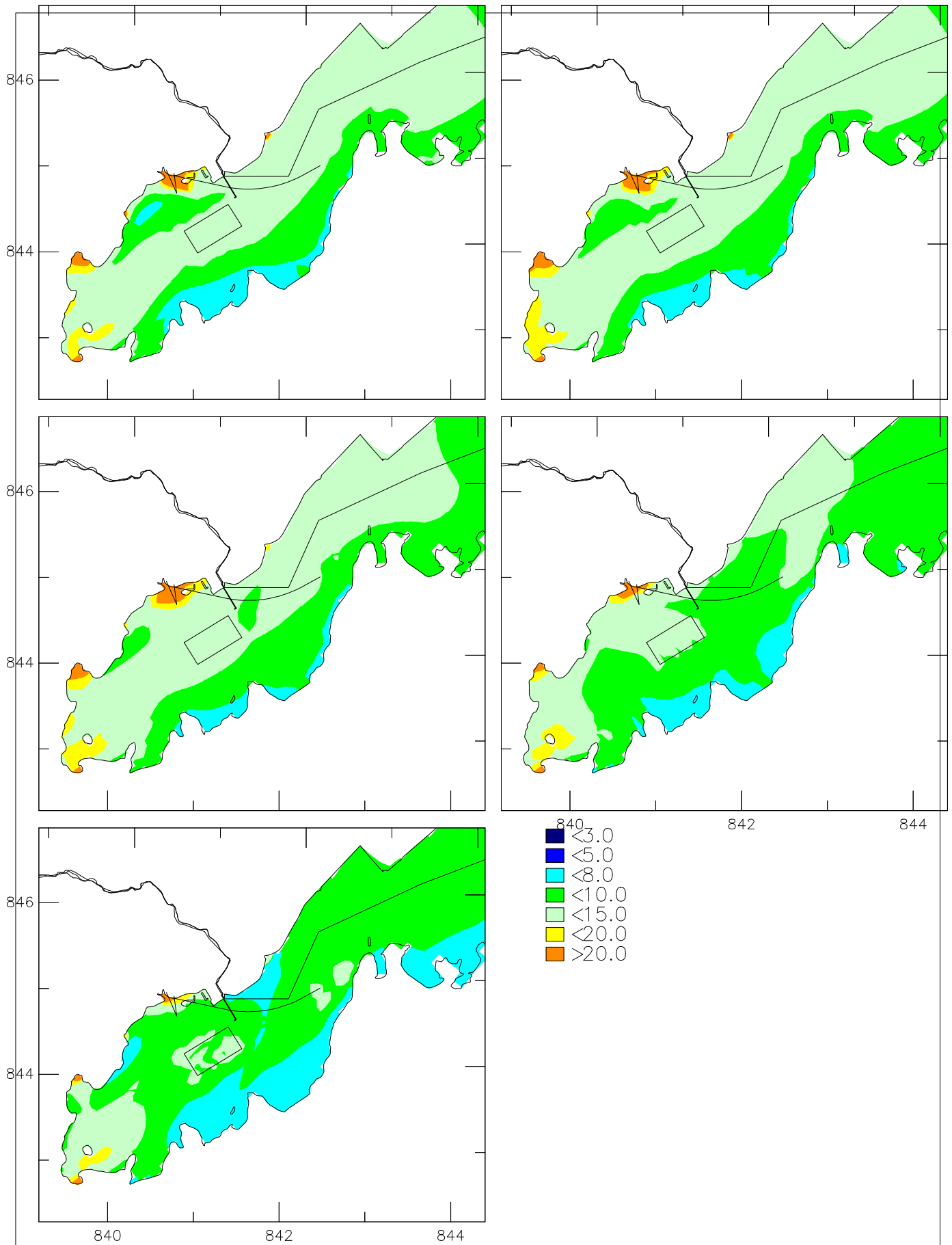
Dry

Annex 5J-22

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water

Surface Suspended Solids (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

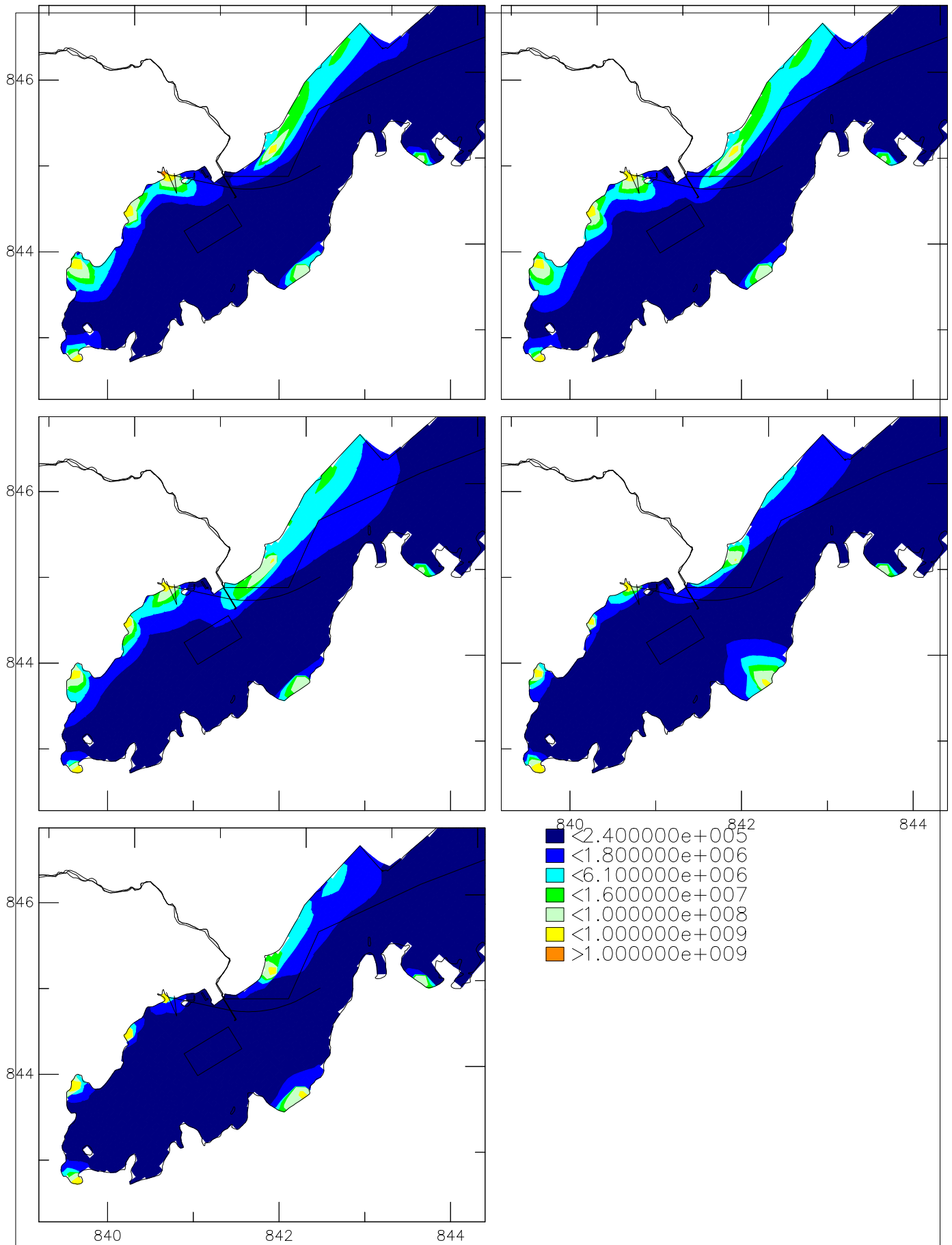
Dry

Annex 5J-23

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water

Surface E.coli (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

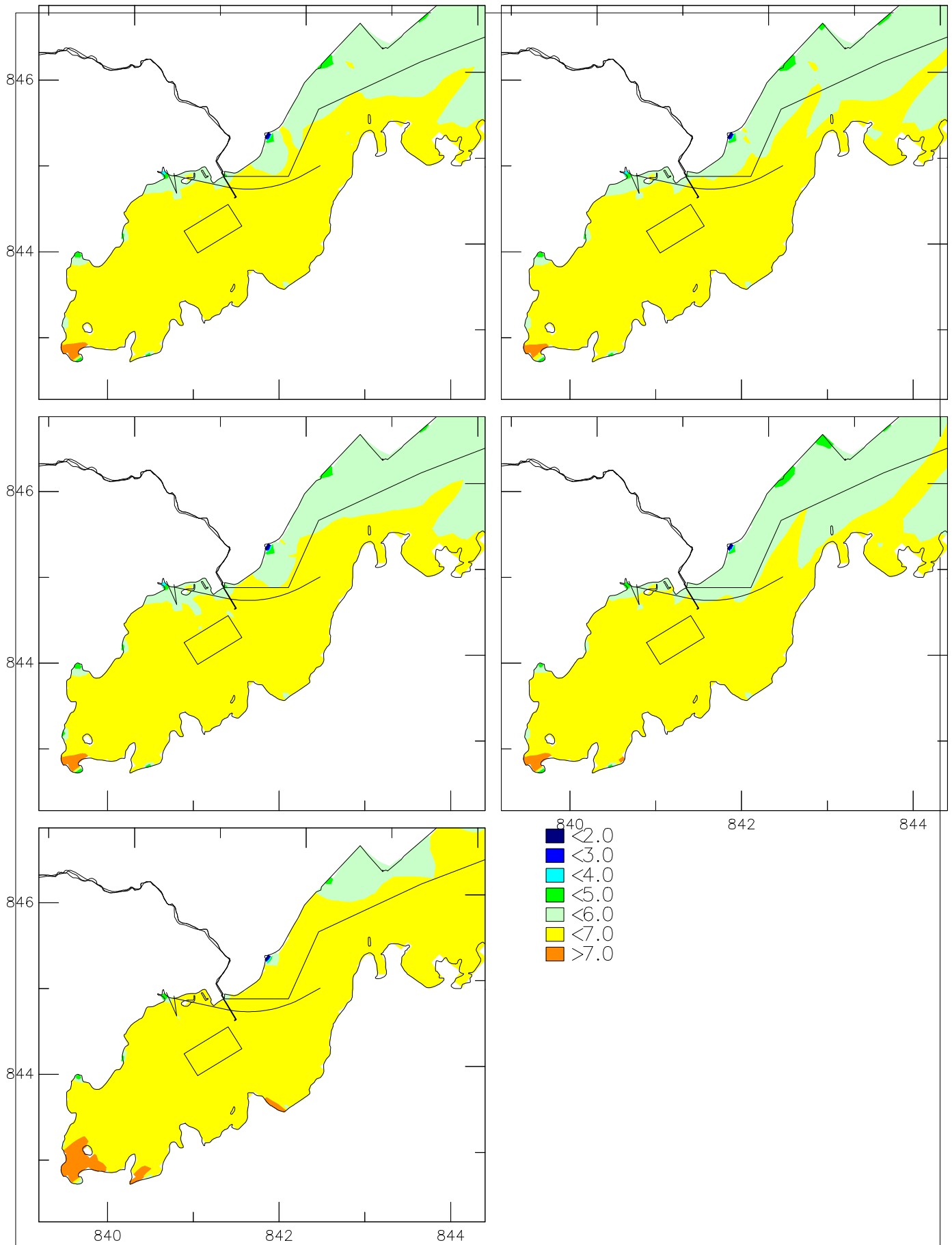
Dry

Annex 5J-24

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water

Surface Dissolved Oxygen (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

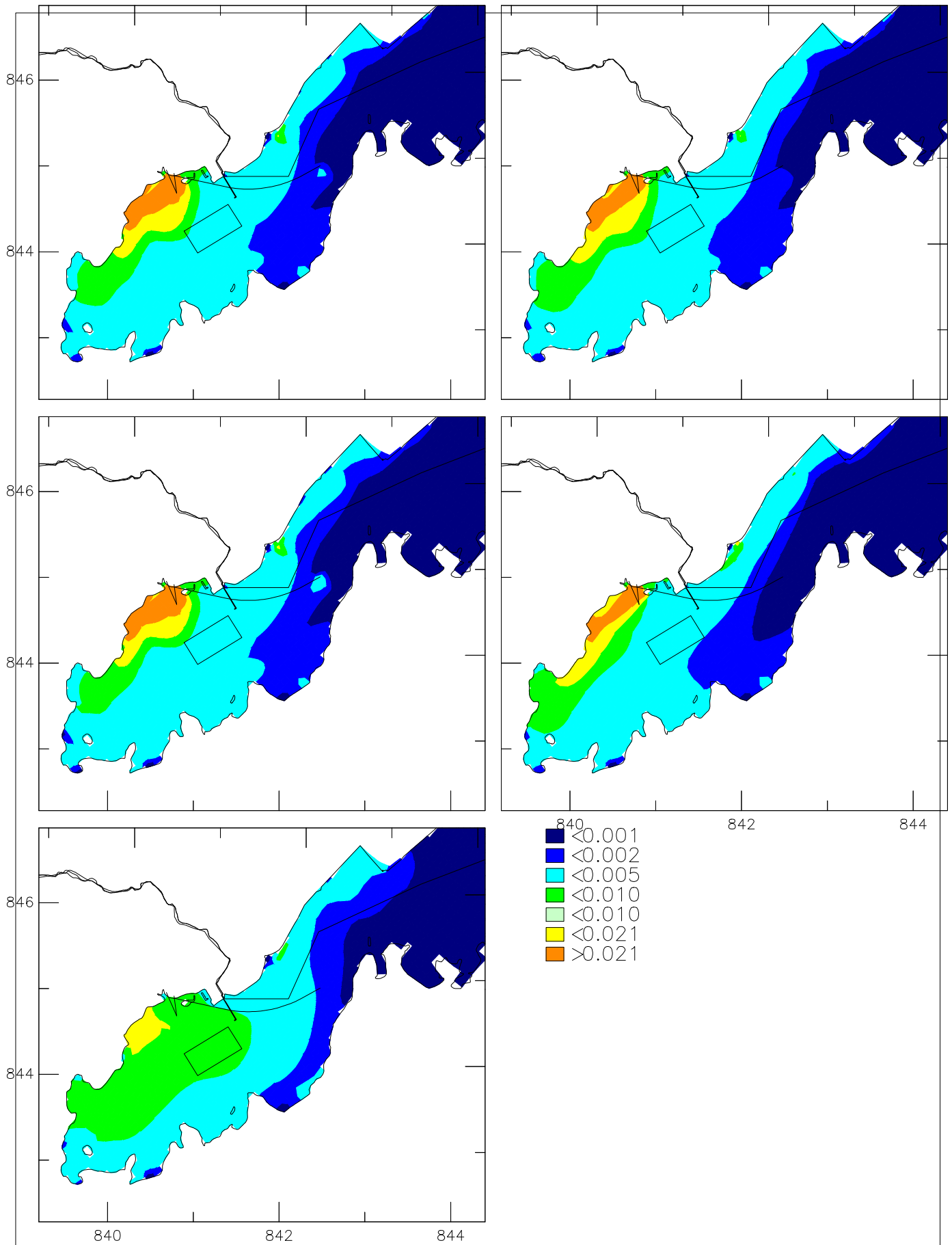
Wet

Annex 5J-25

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water

Surface Unionized Ammonia (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

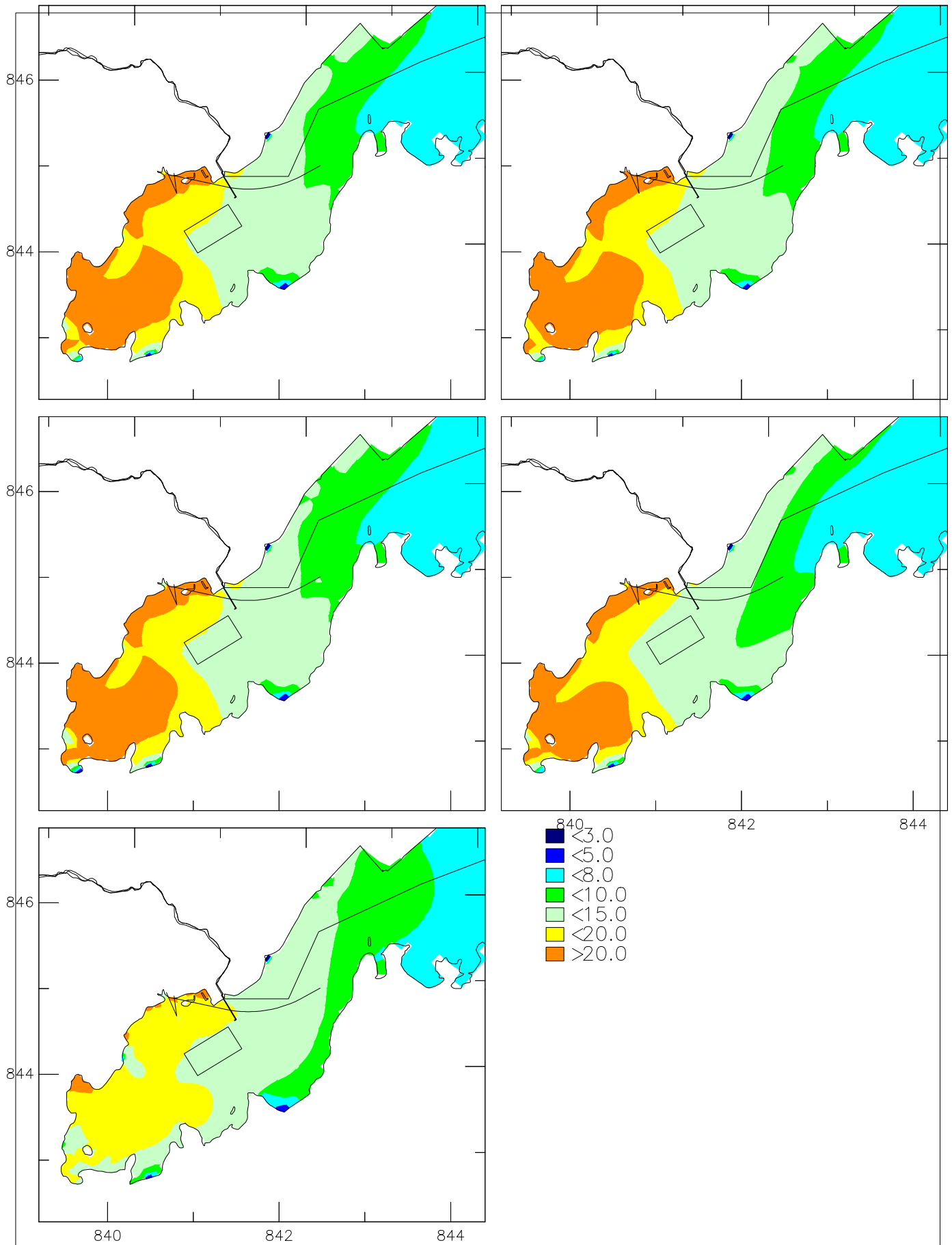
Wet

Annex 5J-26

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water

Surface Suspended Solids (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

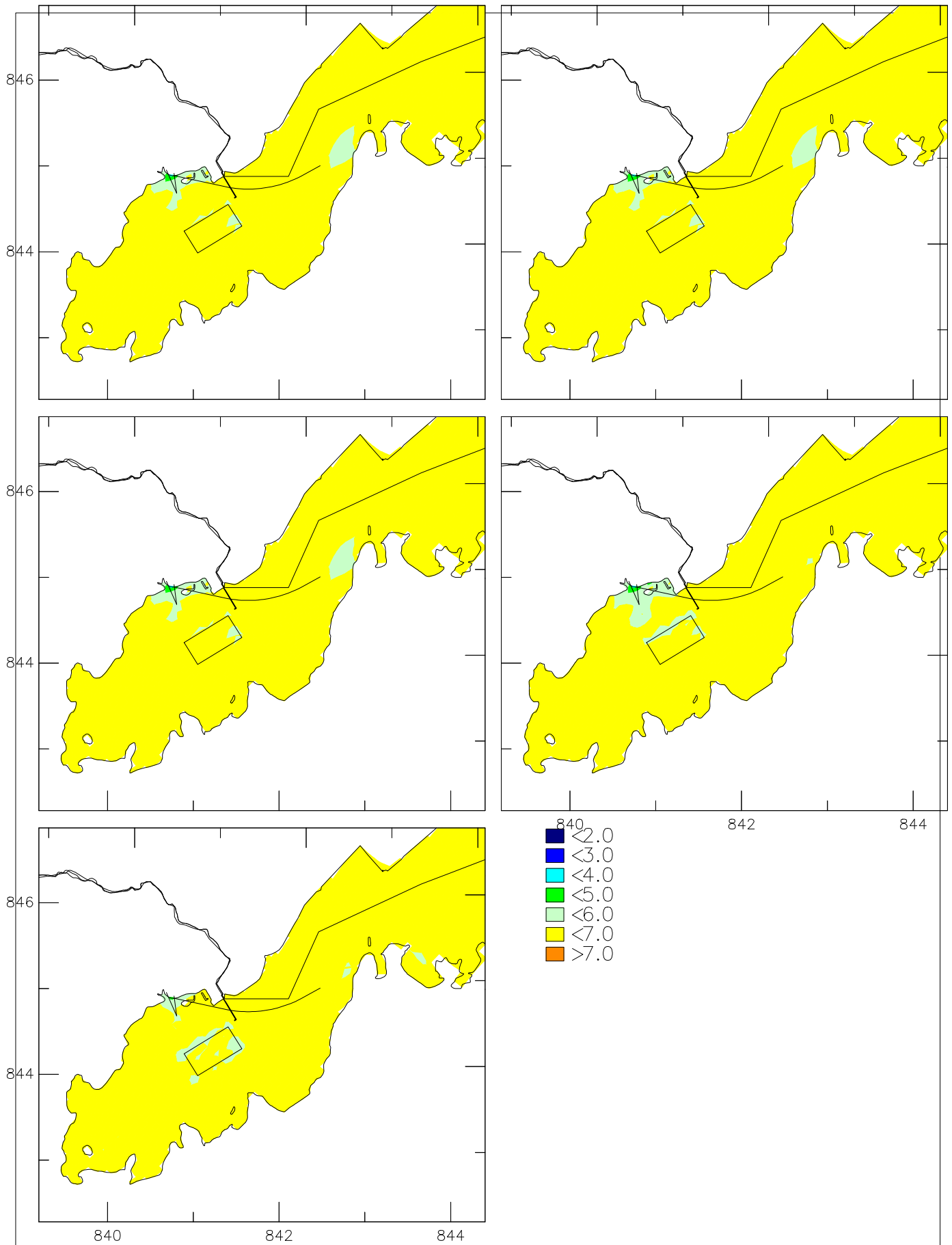
Wet

Annex 5J-27

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water

Surface Dissolved Oxygen (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

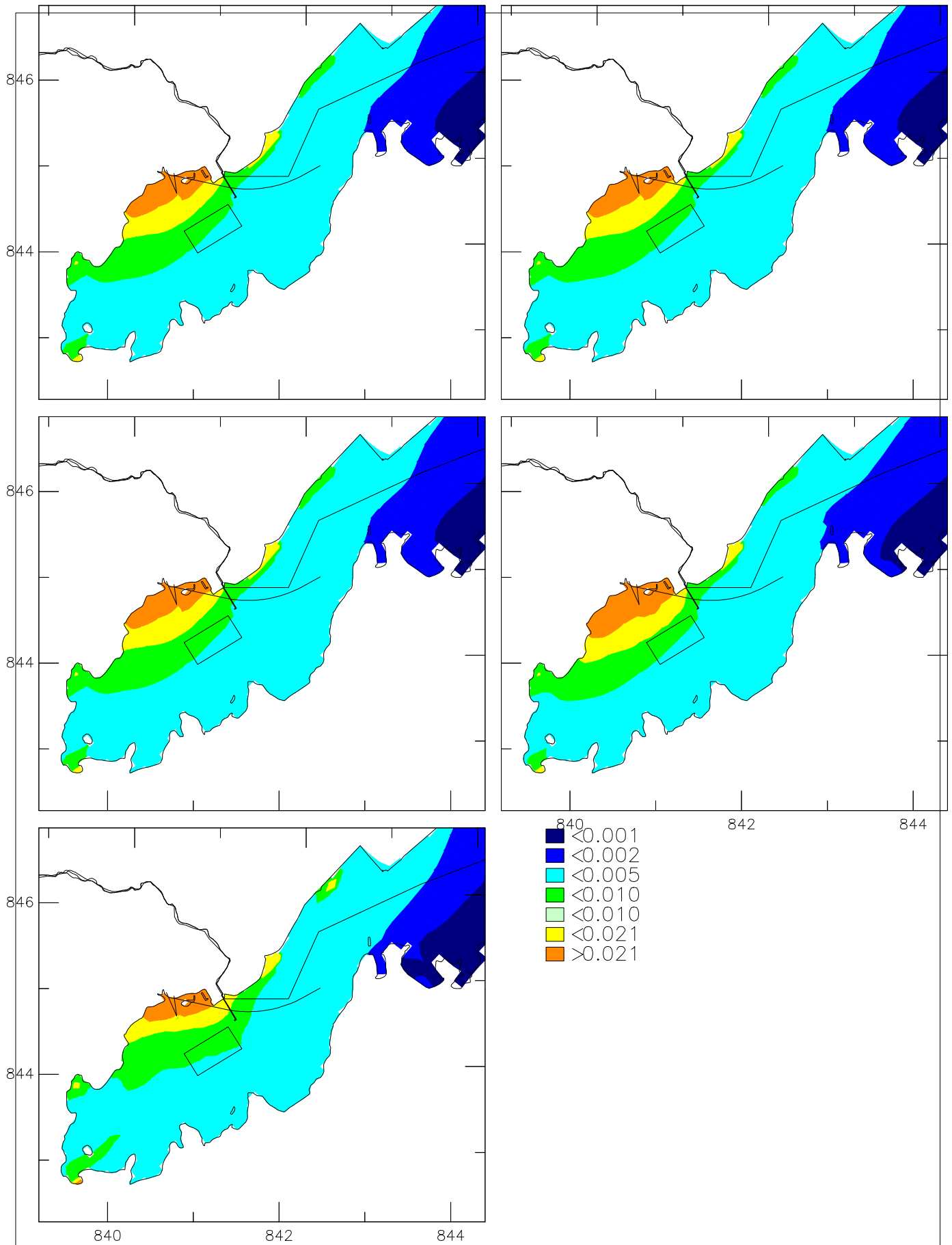
Wet

Annex 5J-29

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water

Surface Unionized Ammonia (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

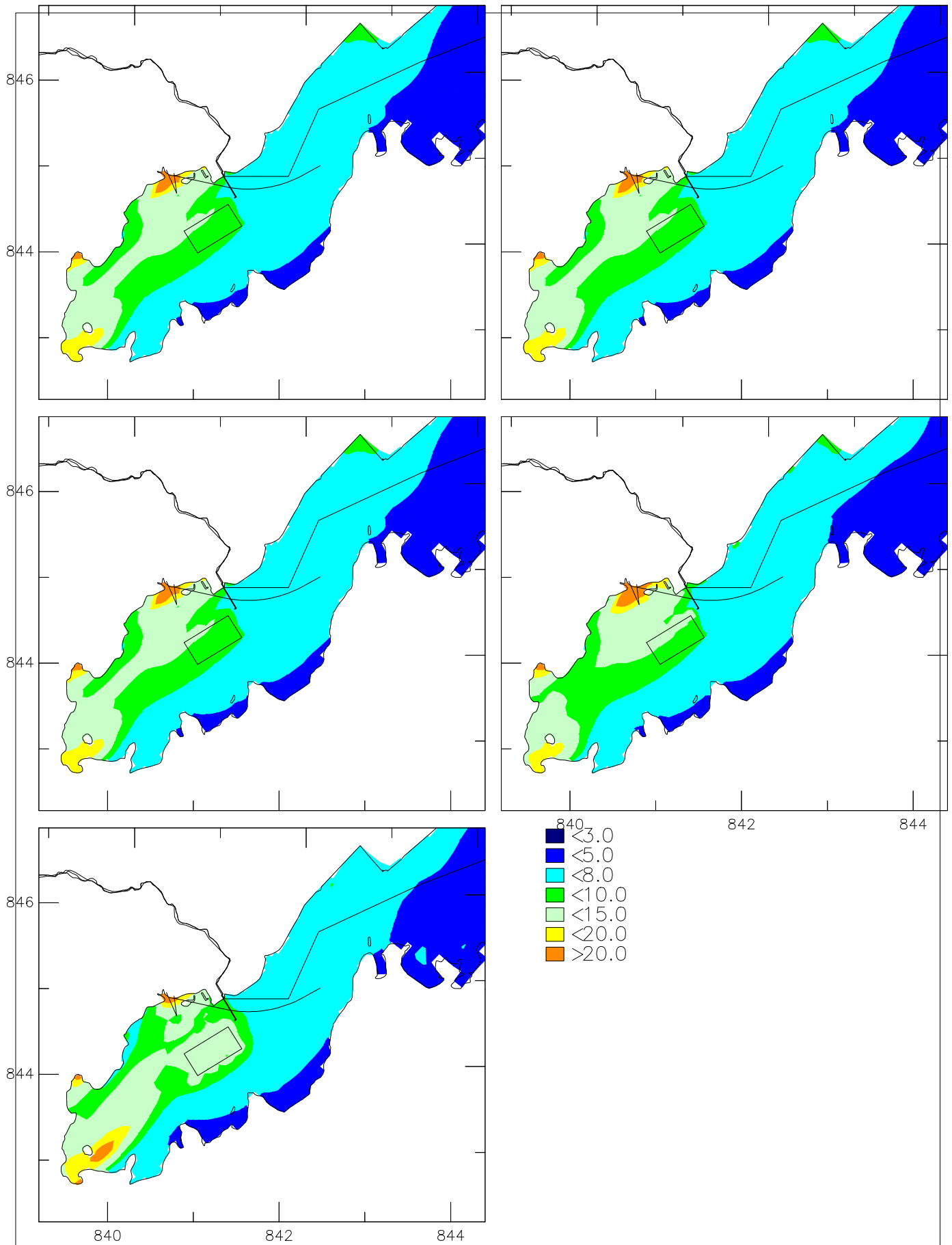
Wet

Annex 5J-30

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water

Surface Suspended Solids (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

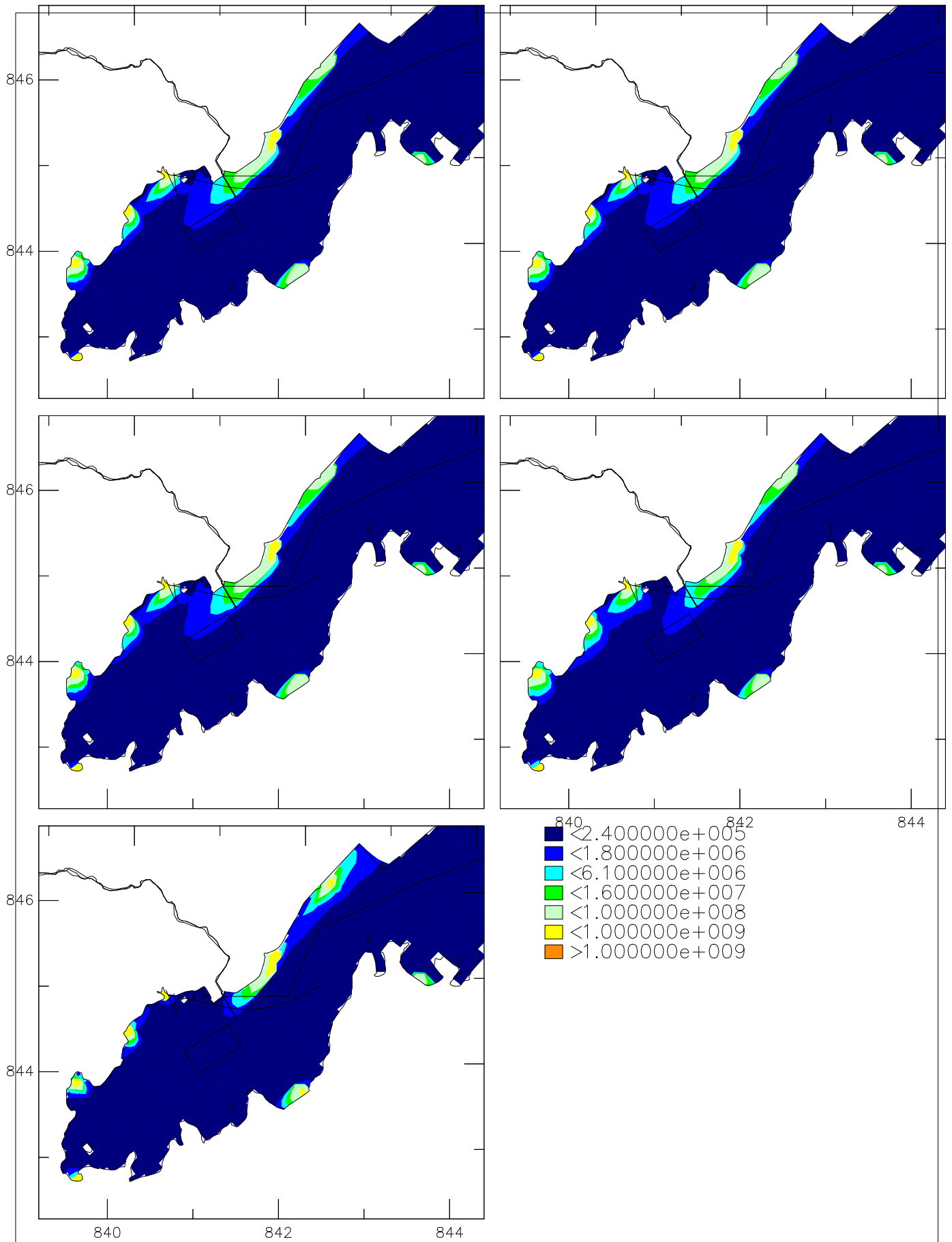
Wet

Annex 5J-31

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water

Surface E.coli (from left to right and then from top to bottom): 1, 2, 4, 8 and 16 hours after the start of 2-hour discharge

Year 2030

Wet

Annex 5J-32

ERM HK Limited

0211731/GPP

EM-WQ-Contour.ssn