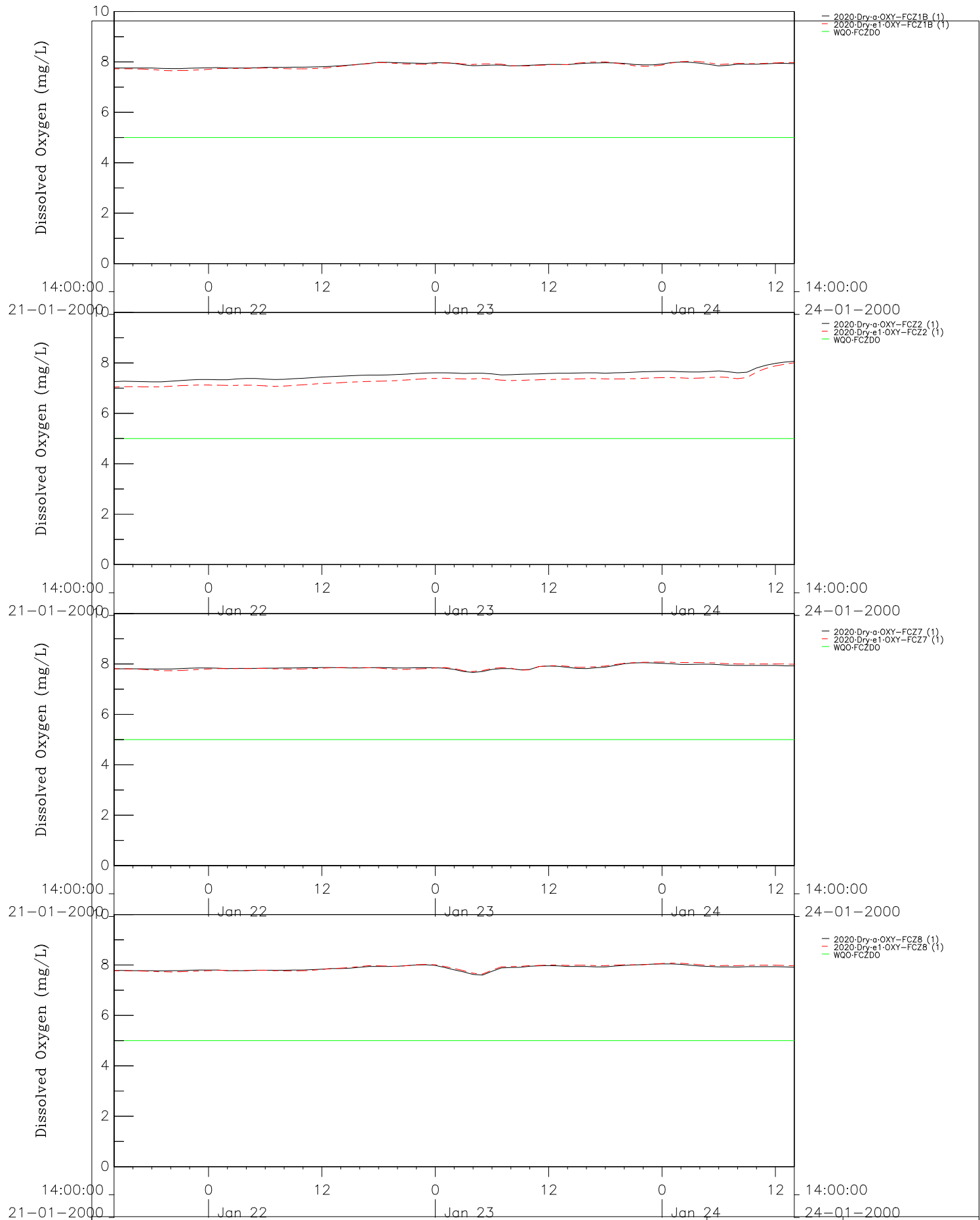


Annex 5K

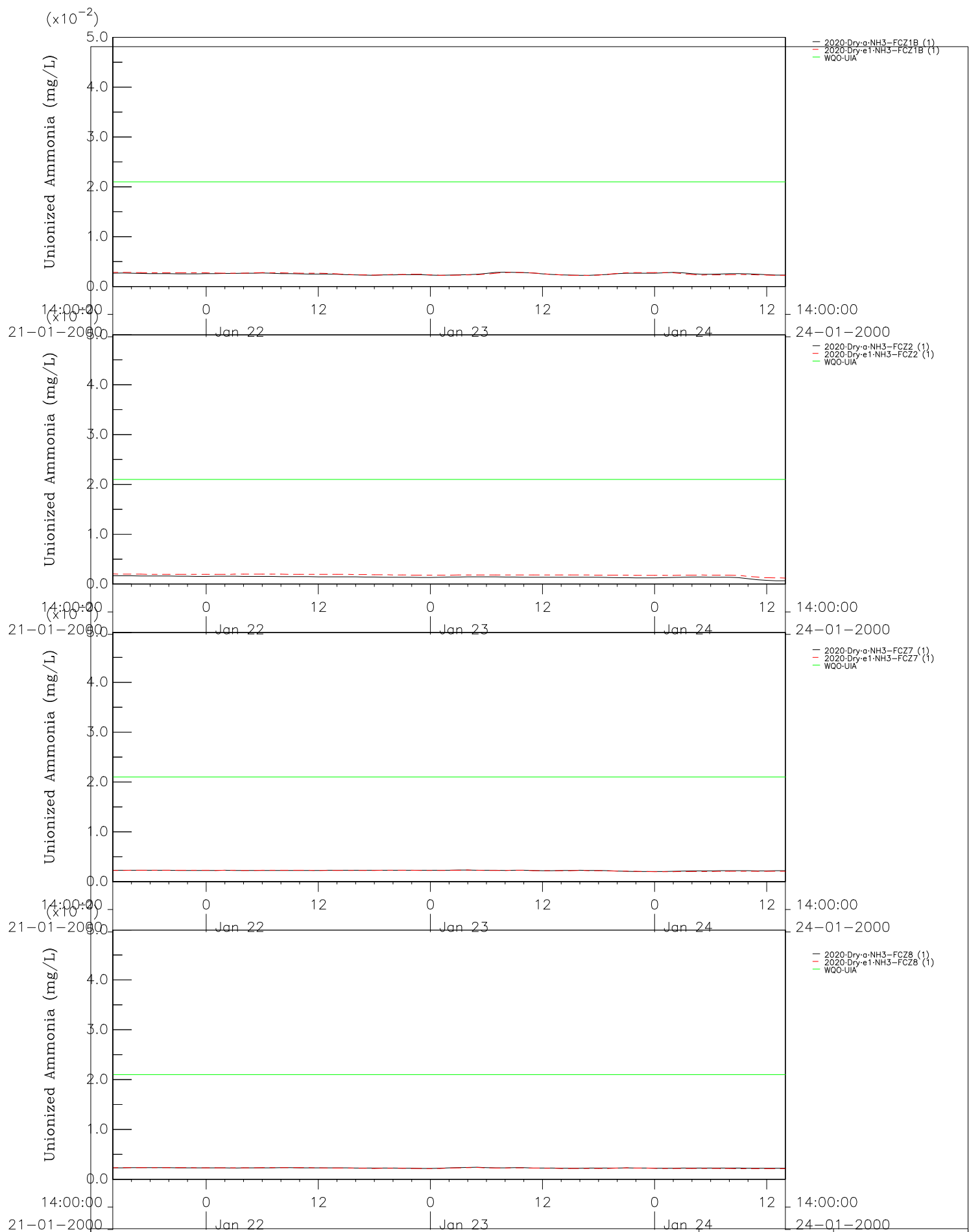
Timeseries Results for the Emergency Discharge Modelling at Nearby Mariculture Zones



Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Spring Tide High Water – Dissolved Oxygen
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020	Dry
Annex 5K-01	
0211731/GPP	EM-WQ-TS.ssn

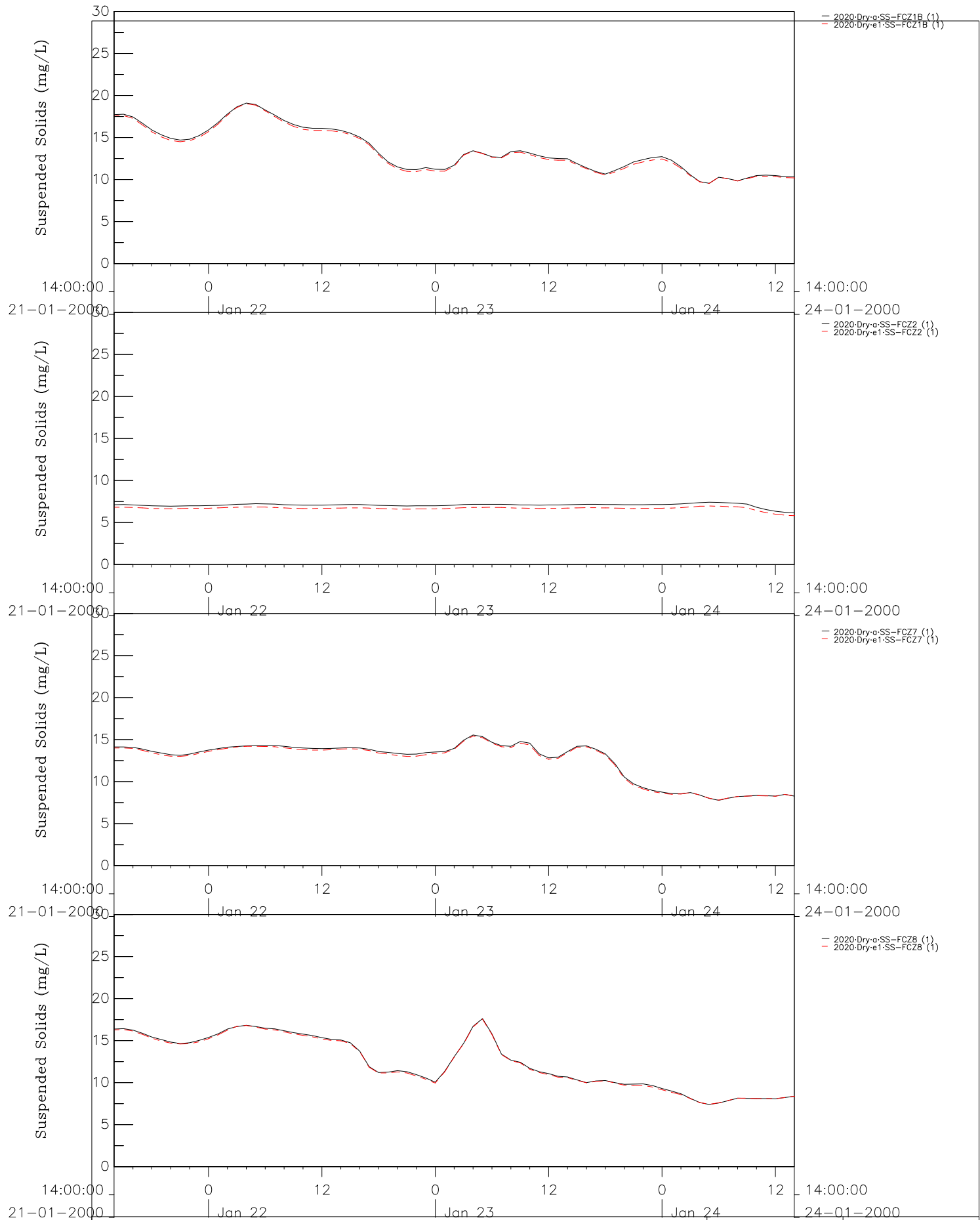
ERM HK Limited



Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Spring Tide High Water – Unionized Ammonia
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020	Dry
Annex 5K-02	
0211731/GPP	EM-WQ-TS.ssn

ERM HK Limited



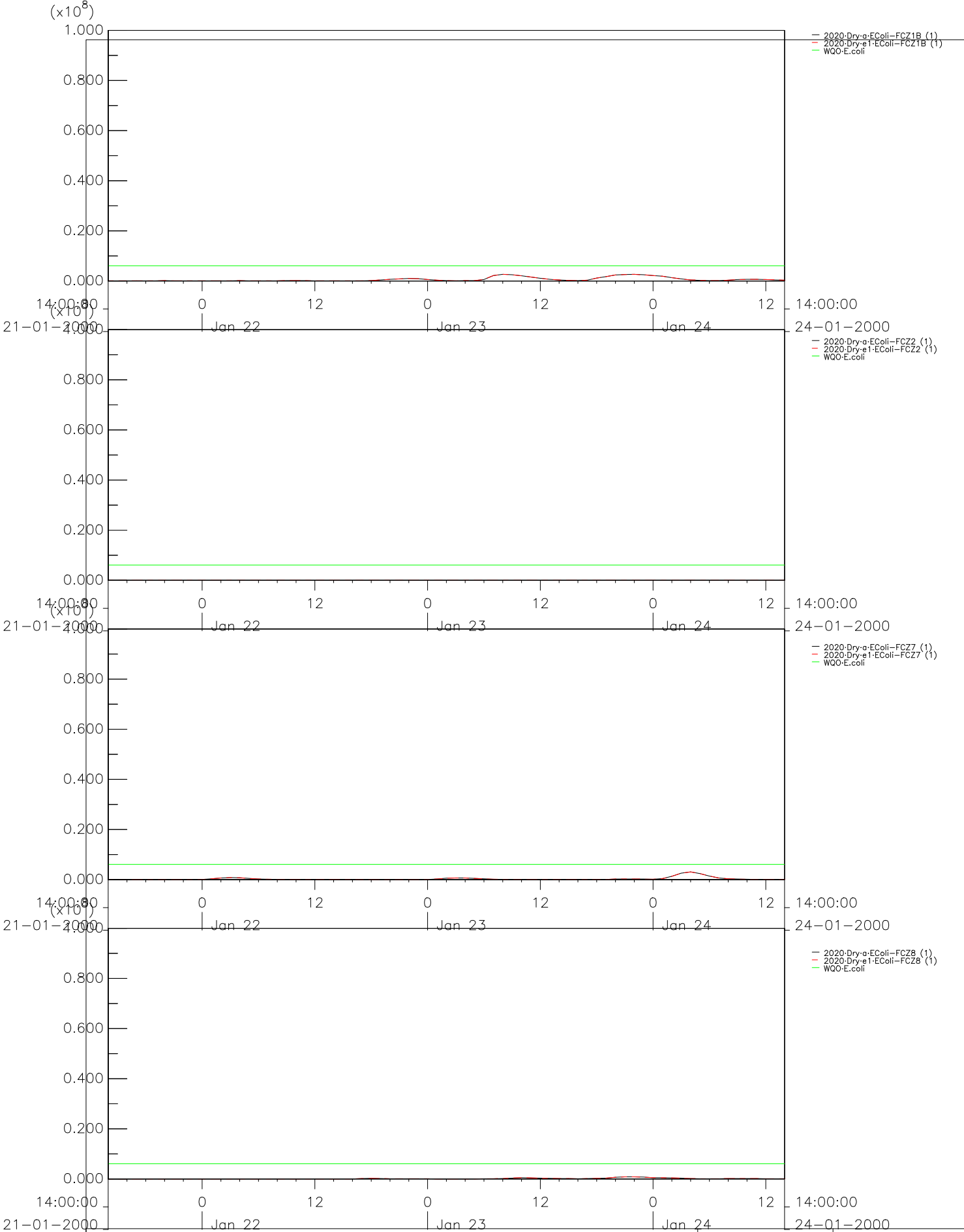
Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Spring Tide High Water – Suspended Solids
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020 Dry

Annex 5K-03

ERM HK Limited

0211731/GPP EM-WQ-TS.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Spring Tide High Water – E.coli

Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

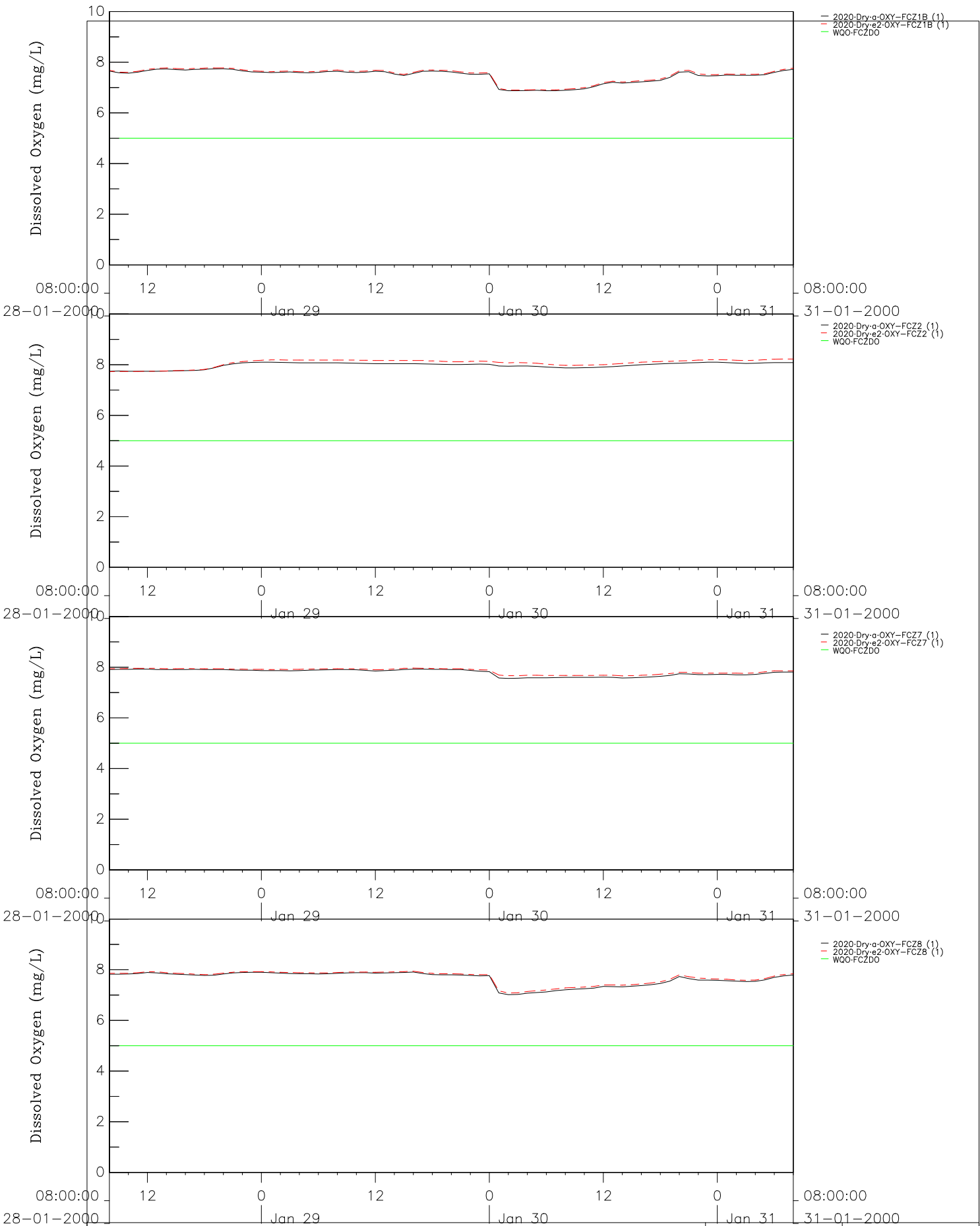
Year 2020
Dry

Annex 5K-04

ERM HK Limited

0211731/GPP

EM-WQ-TS.ssn



Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Neap Tide High Water – Dissolved Oxygen

Year 2020 Dry

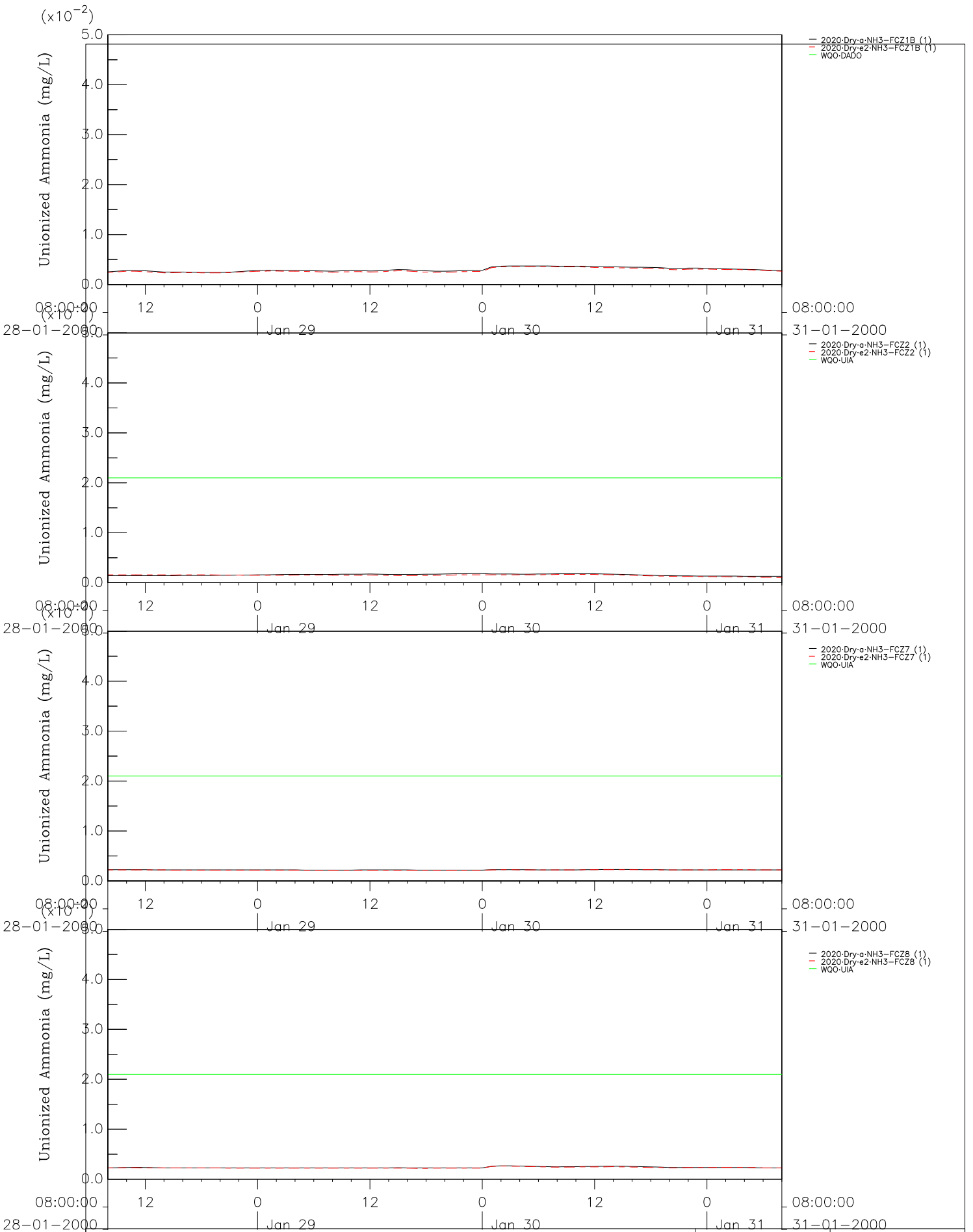
Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Annex 5K-05

ERM HK Limited

0211731/GPP

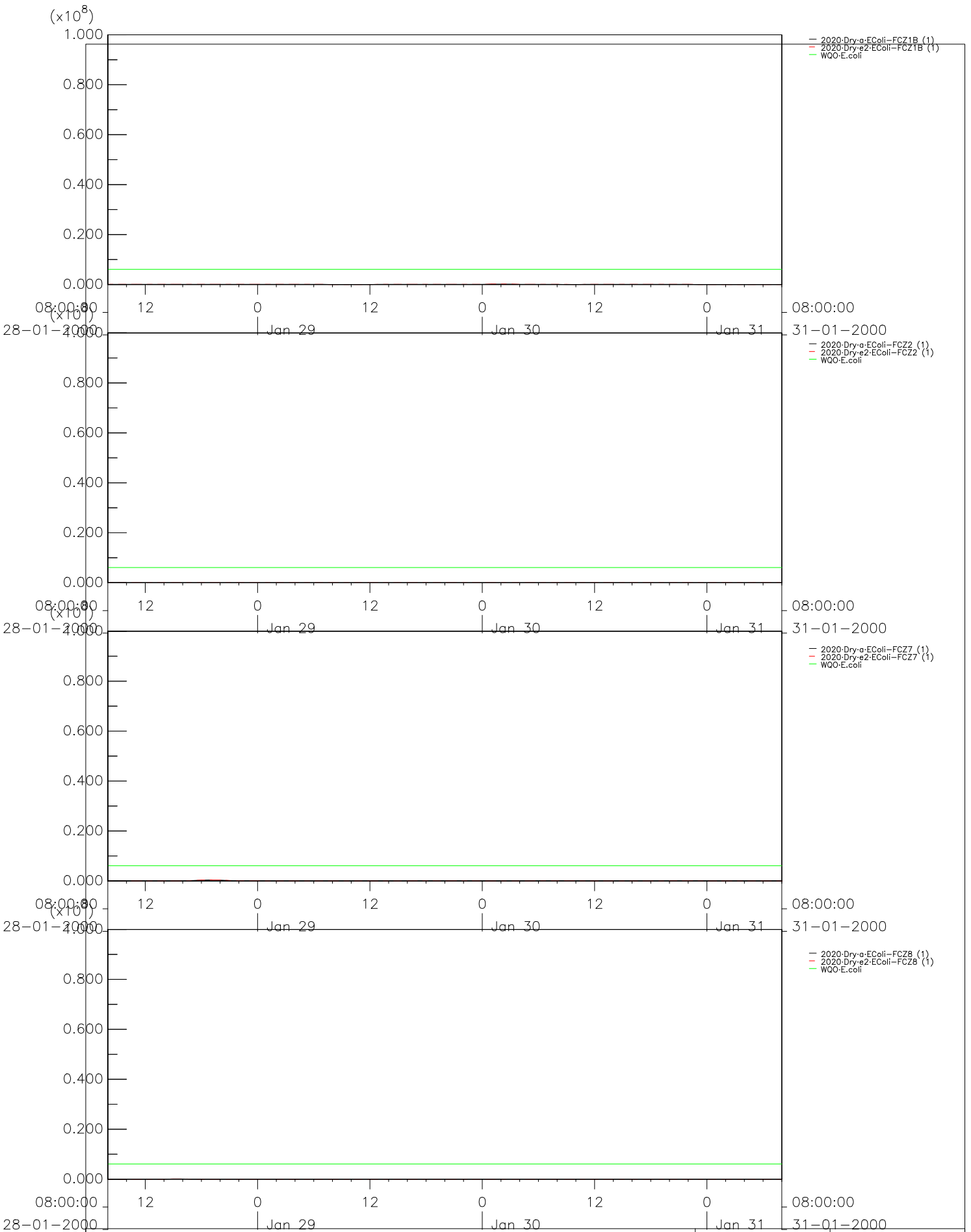
EM-WQ-TS.ssn



Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Neap Tide High Water – Unionized Ammonia
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020	Dry
Annex 5K-06	
0211731/GPP	EM-WQ-TS.ssn

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Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water – E.coli

Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020

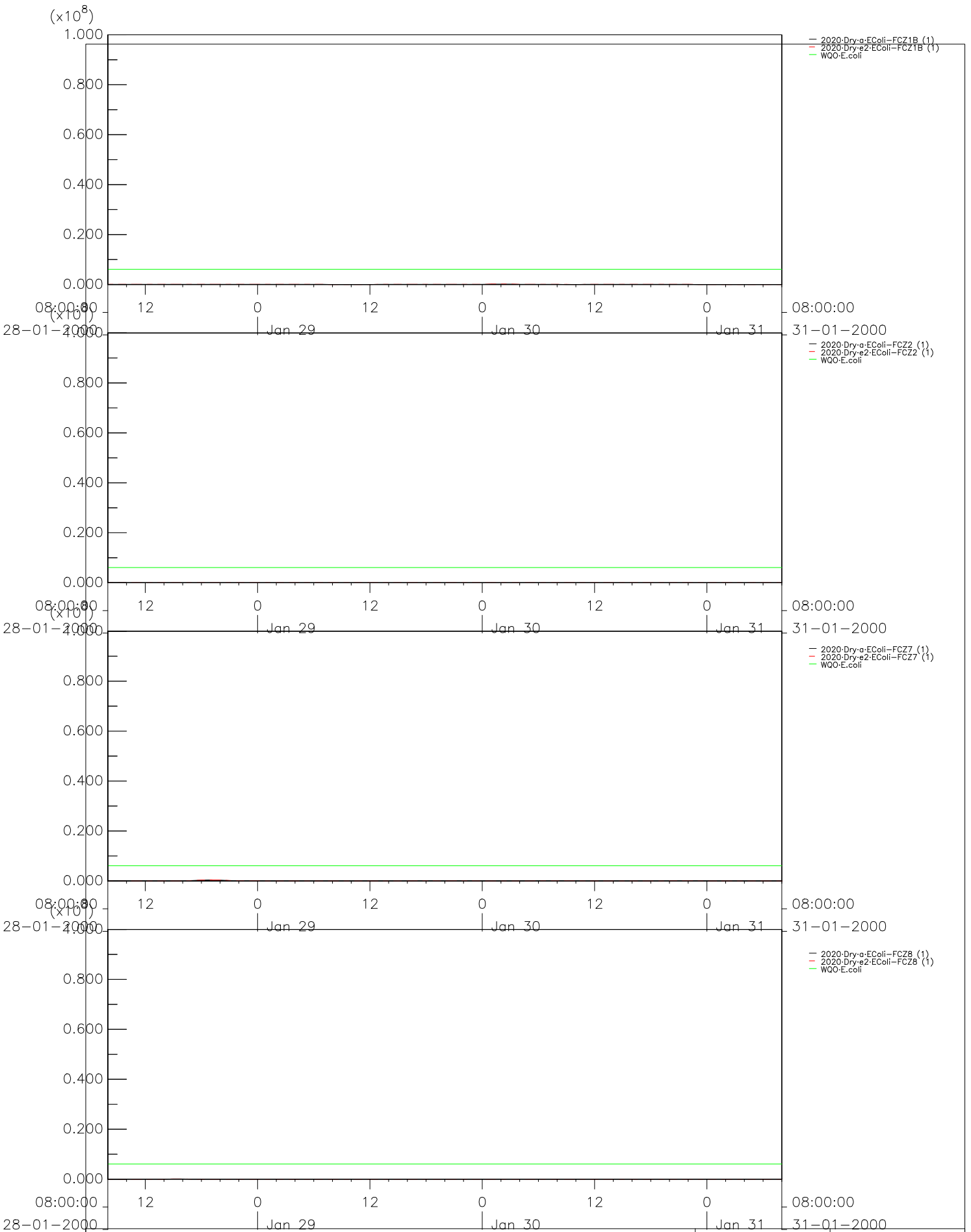
Dry

Annex 5K-08

ERM HK Limited

0211731/GPP

EM-WQ-TS.ssn



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water – E.coli

Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020

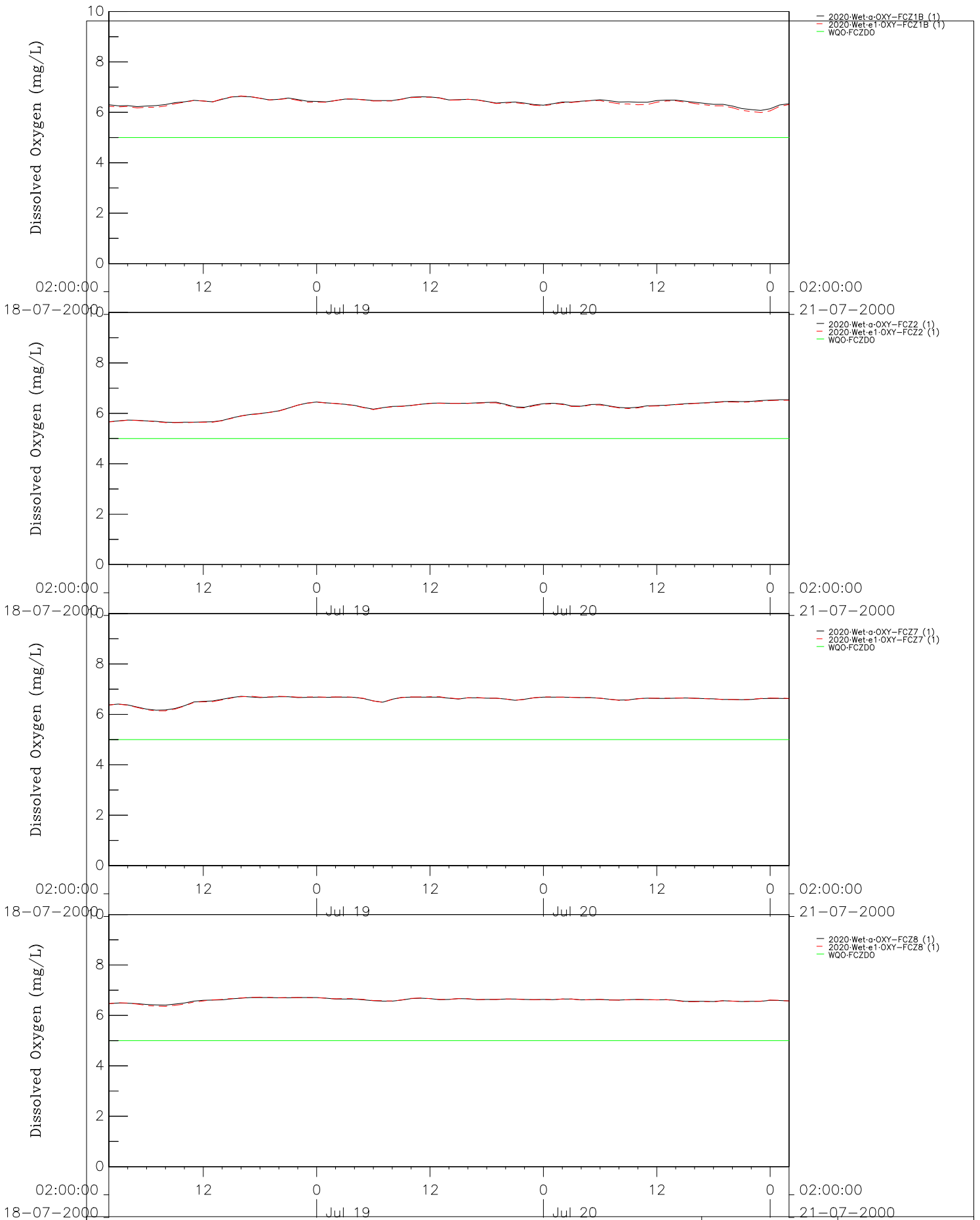
Dry

Annex 5K-08

ERM HK Limited

0211731/GPP

EM-WQ-TS.ssn



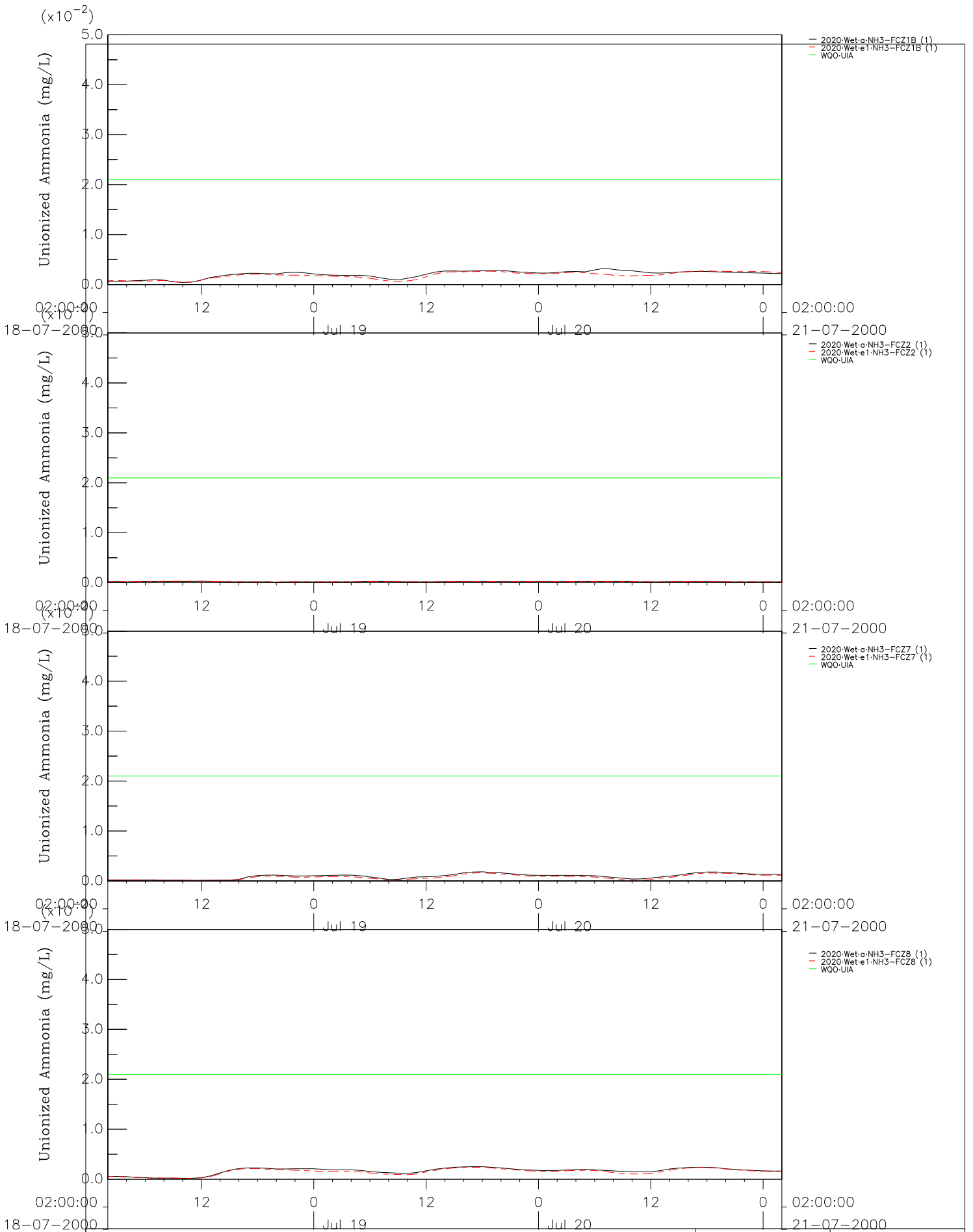
Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Spring Tide High Water – Dissolved Oxygen
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020 Wet

Annex 5K-09

ERM HK Limited

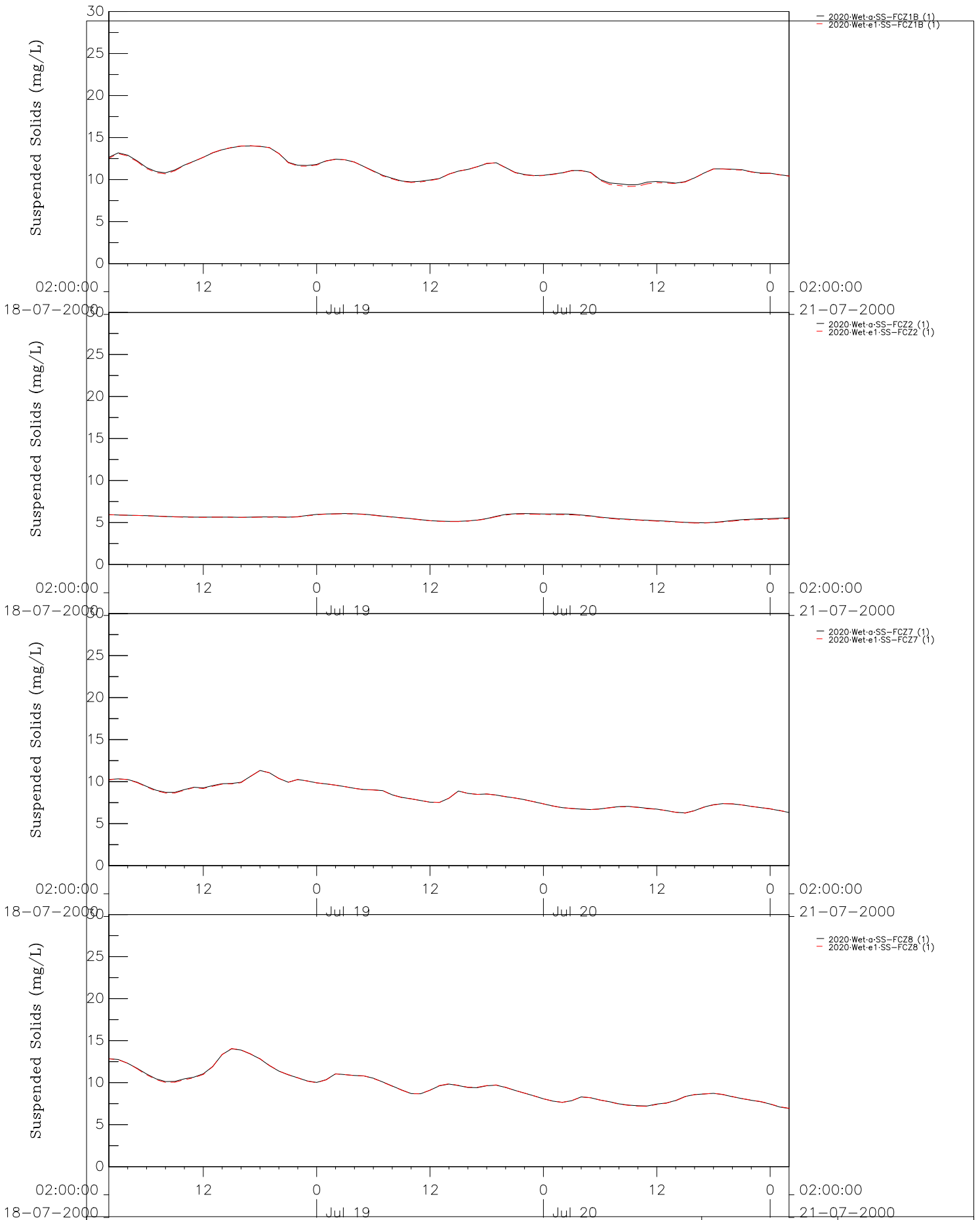
0211731/GPP EM-WQ-TS.ssn



Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Spring Tide High Water – Unionized Ammonia
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

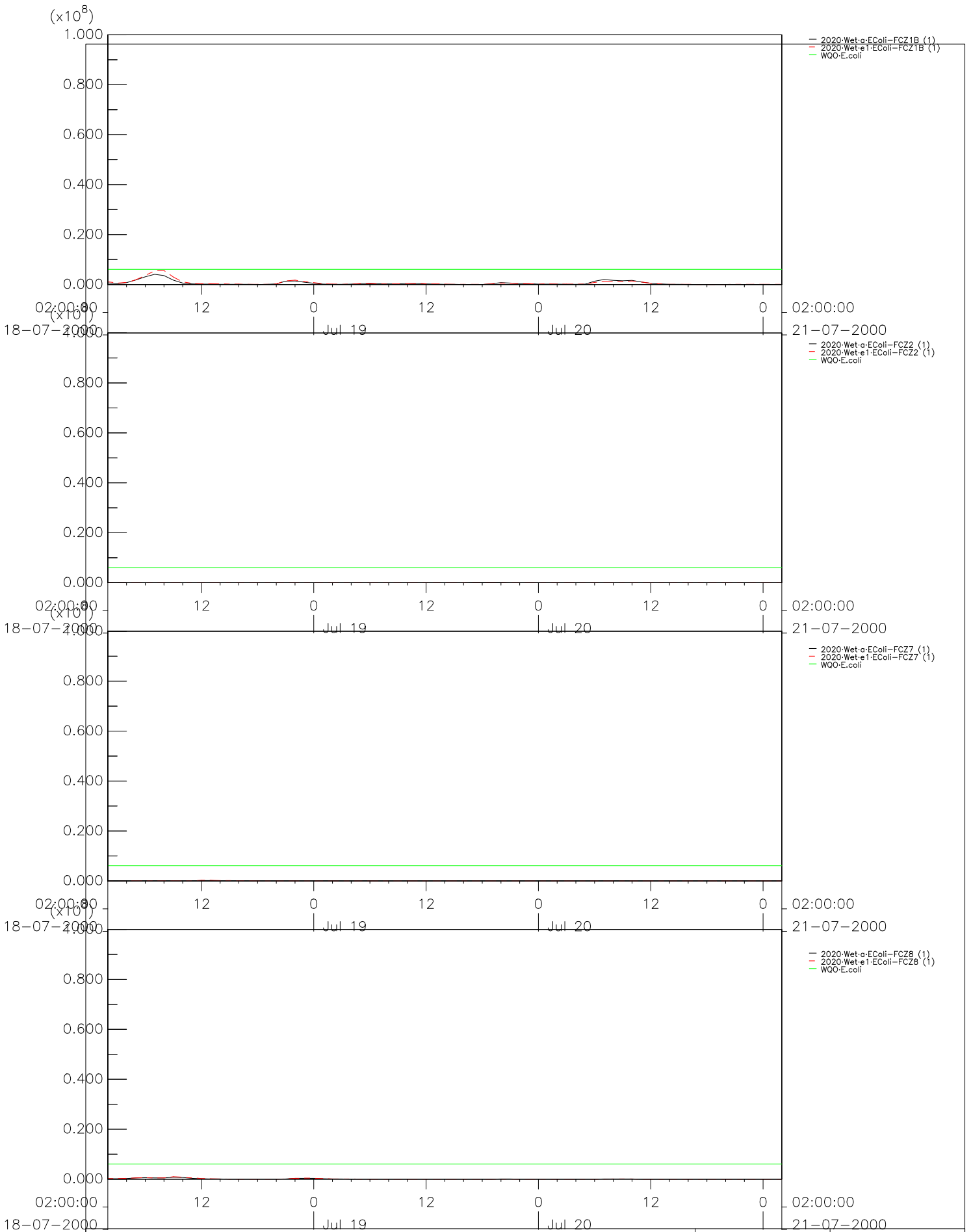
Year 2020	Wet
Annex 5K-10	
0211731/GPP	EM-WQ-TS.ssn

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Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Spring Tide High Water – Suspended Solids
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020	Wet
Annex 5K-11	



Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Spring Tide High Water – E.coli

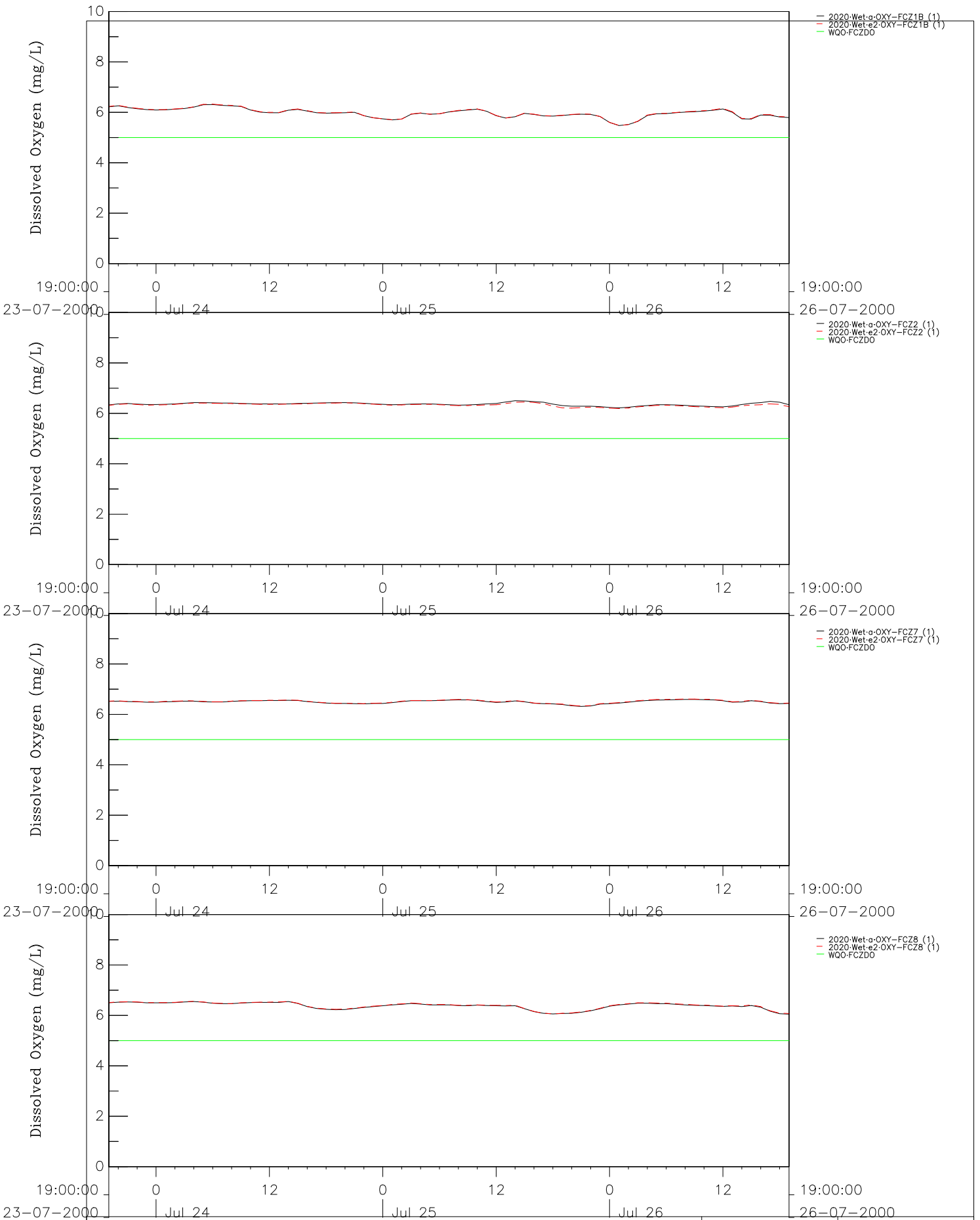
Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020 Wet

Annex 5K-12

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0211731/GPP EM-WQ-TS.ssn



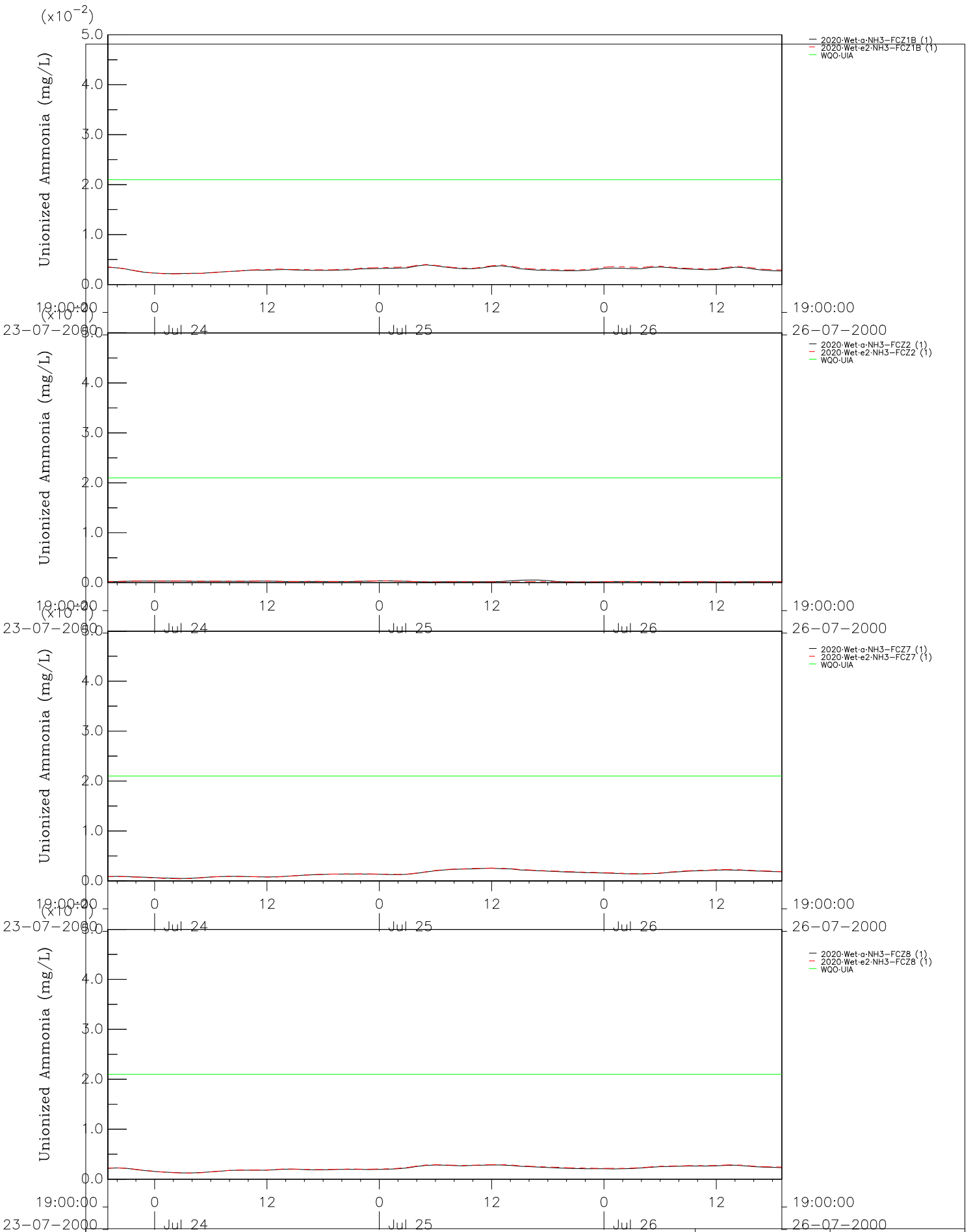
Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Neap Tide High Water – Dissolved Oxygen
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020 Wet

Annex 5K-13

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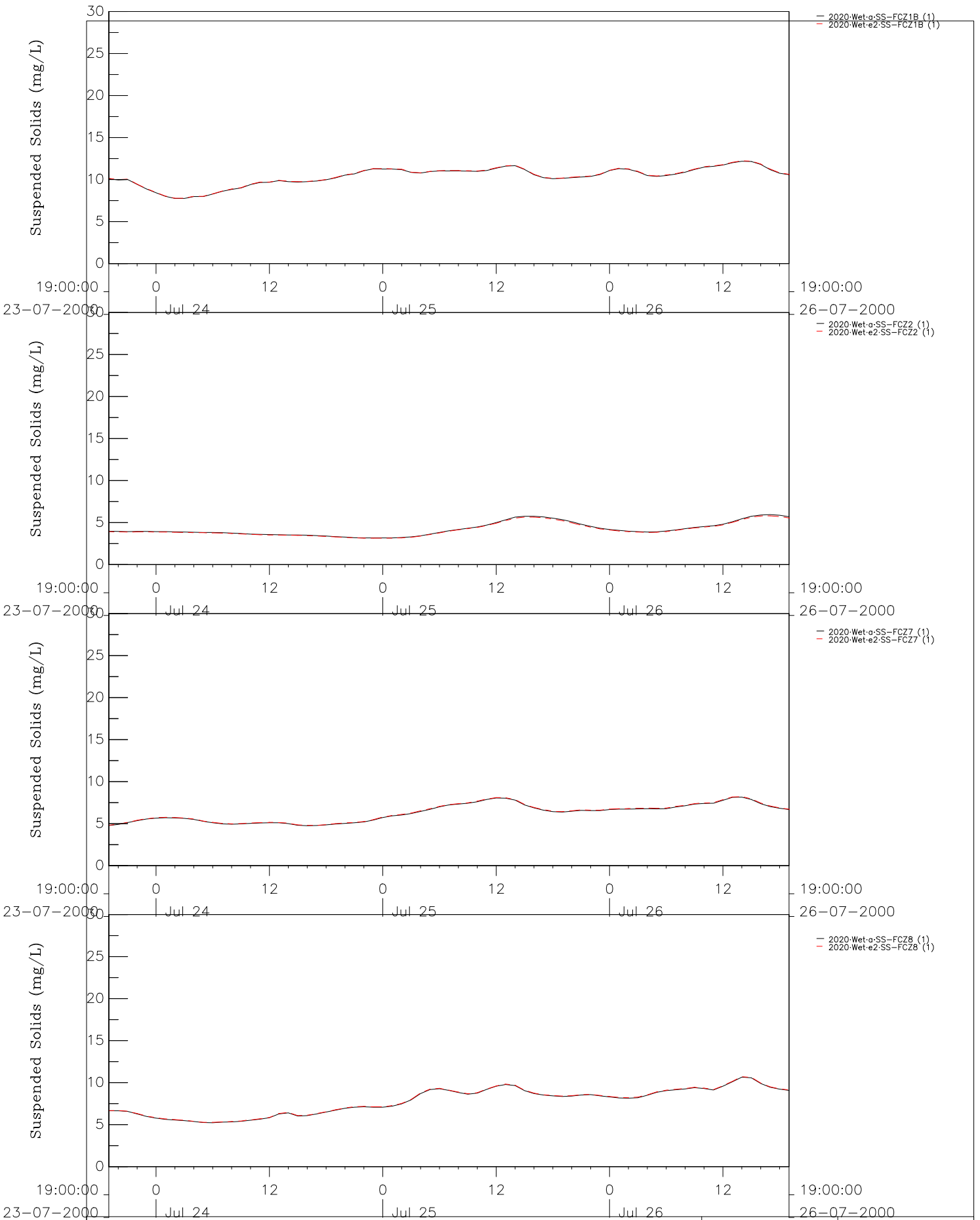
0211731/GPP EM-WQ-TS.ssn



Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Neap Tide High Water – Unionized Ammonia
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020	Wet
Annex 5K-14	
0211731/GPP	EM-WQ-TS.ssn

ERM HK Limited



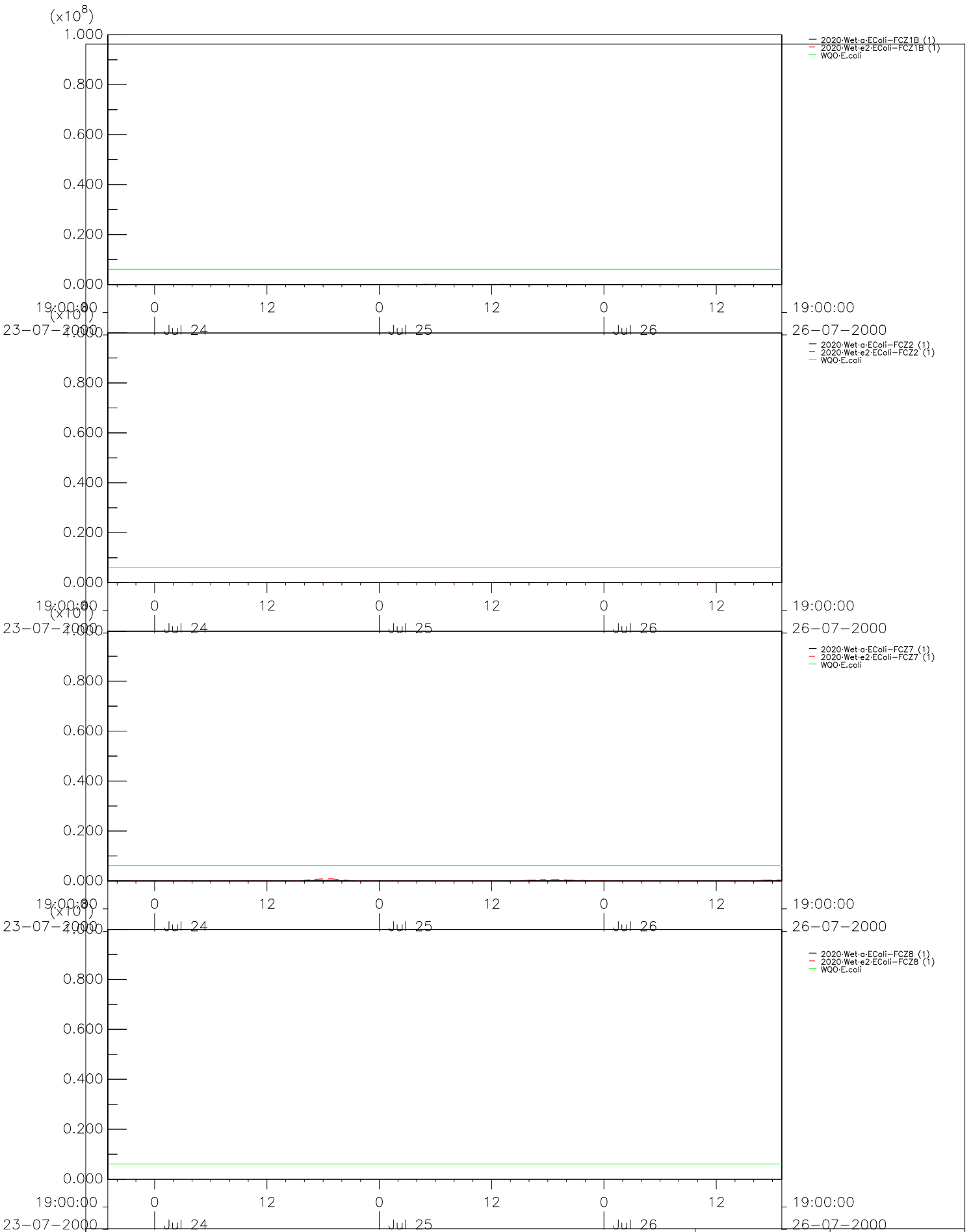
Expansion of Sha Tau Kok Sewage Treatment Works
 2020 Emergency Discharge from the TSTP in Neap Tide High Water – Suspended Solids
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020 Wet

Annex 5K-15

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Expansion of Sha Tau Kok Sewage Treatment Works

2020 Emergency Discharge from the TSTP in Neap Tide High Water – E.coli

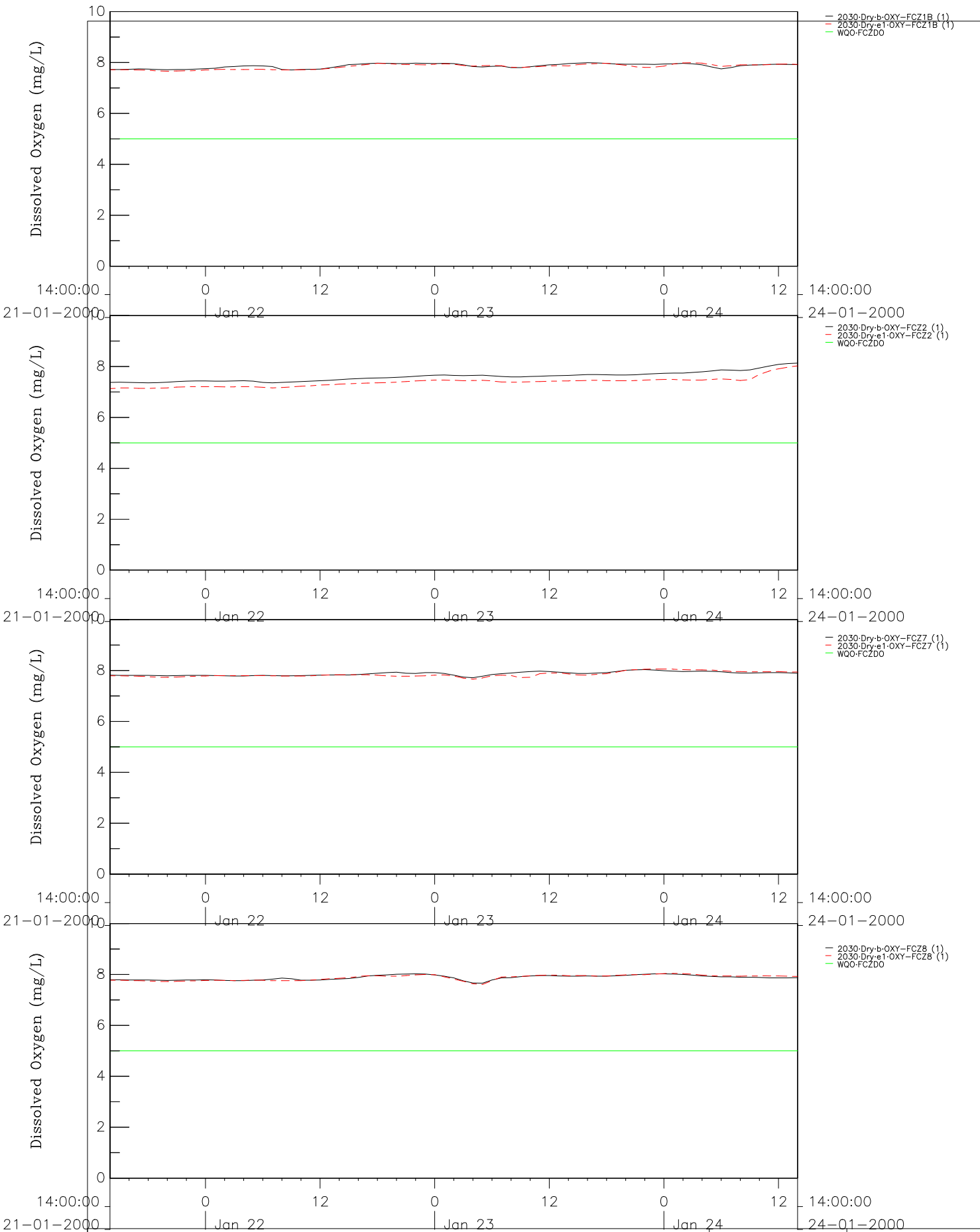
Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2020 Wet

Annex 5K-16

ERM HK Limited

0211731/GPP EM-WQ-TS.ssn



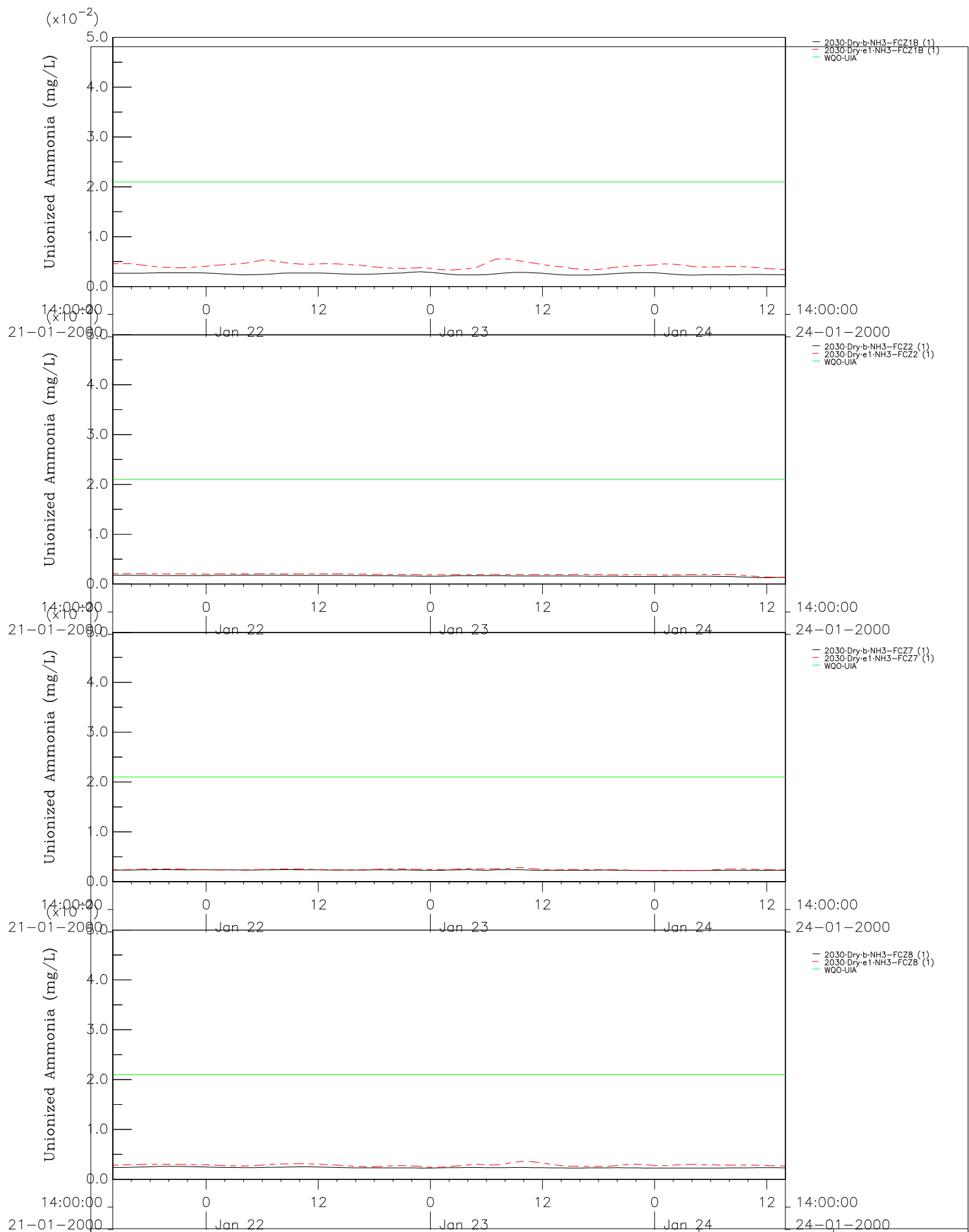
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water – Dissolved Oxygen
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030 Dry

Annex 5K-17

ERM HK Limited

0211731/GPP EM-WQ-TS.ssn



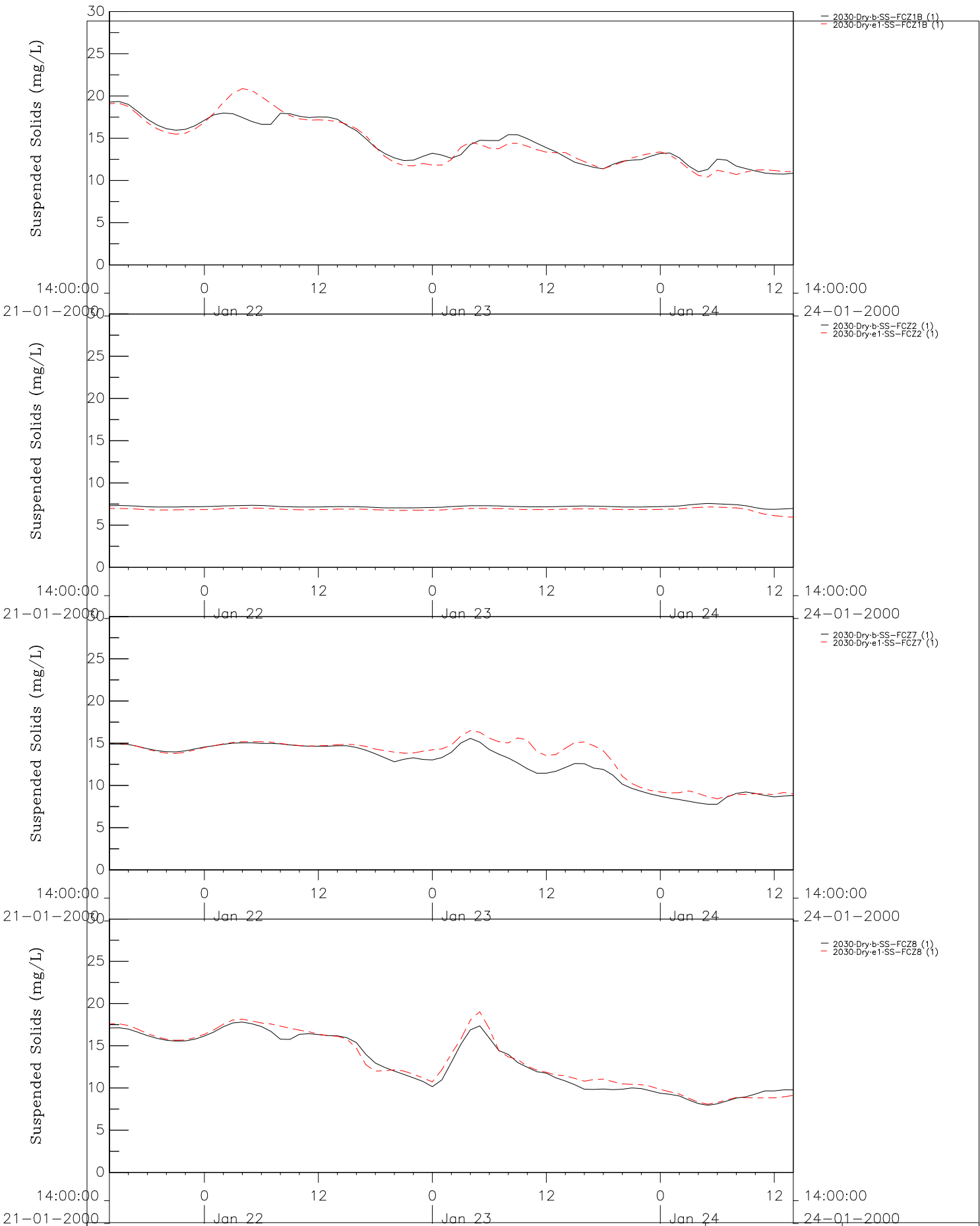
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water – Unionized Ammonia
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FC21, FC22, FC27 and FC28

Year 2030 Dry

Annex 5K-18

ERM HK Limited

0211731/GPP EM-WQ-TS.ssn



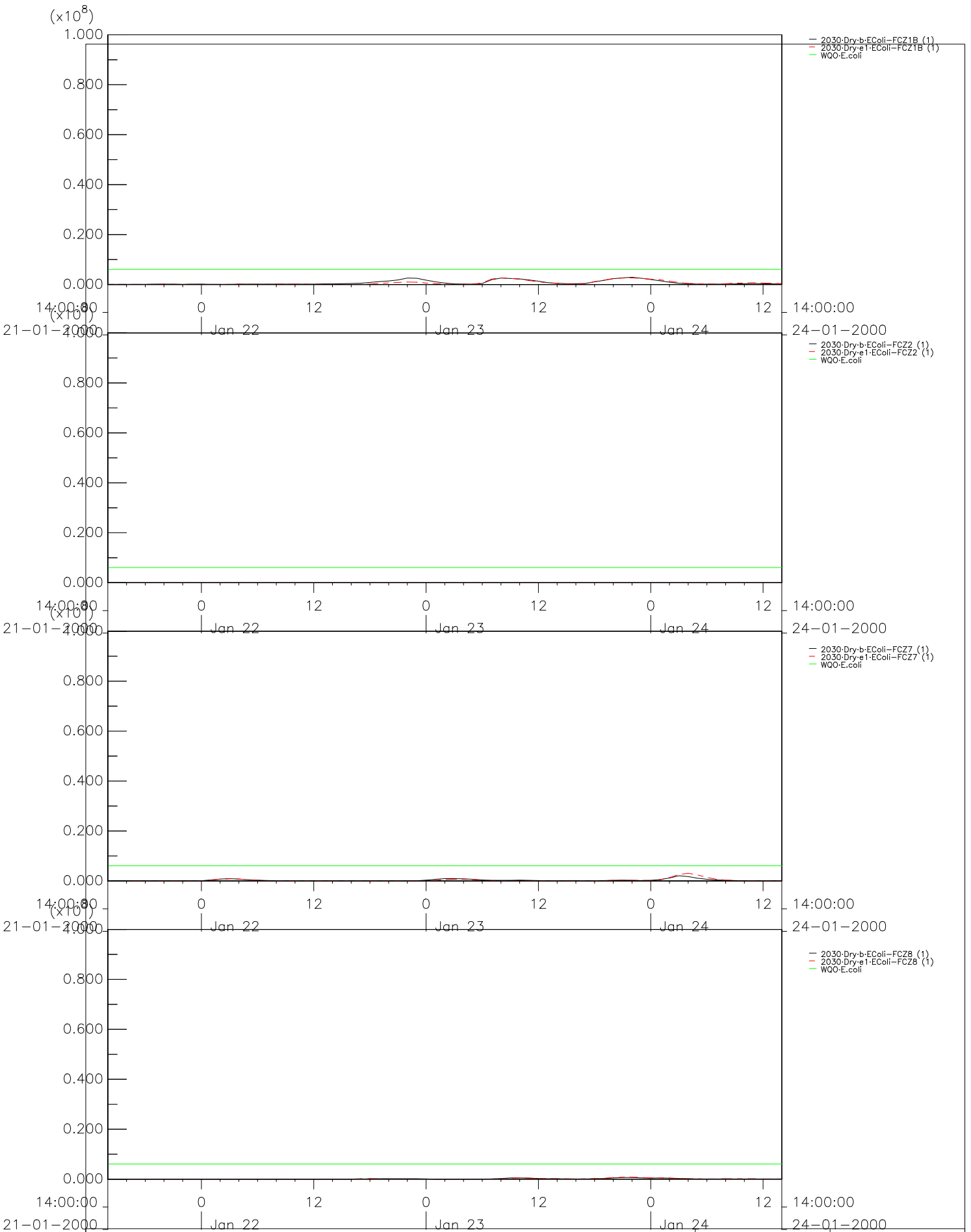
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water – Suspended Solids
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030 Dry

Annex 5K-19

ERM HK Limited

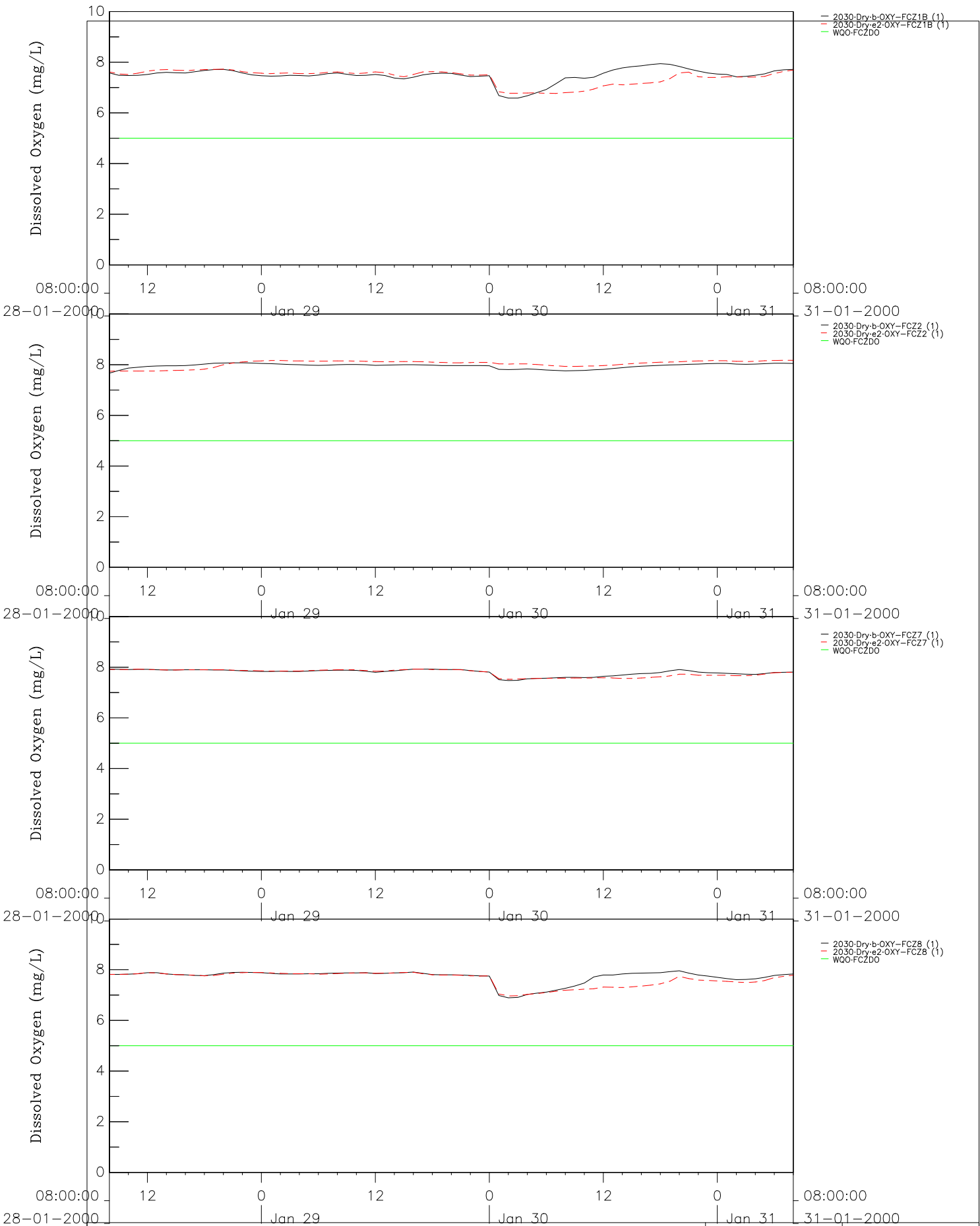
0211731/GPP EM-WQ-TS.ssn



Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water – E.coli
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030	Dry
Annex 5K-20	
0211731/GPP	EM-WQ-TS.ssn

ERM HK Limited



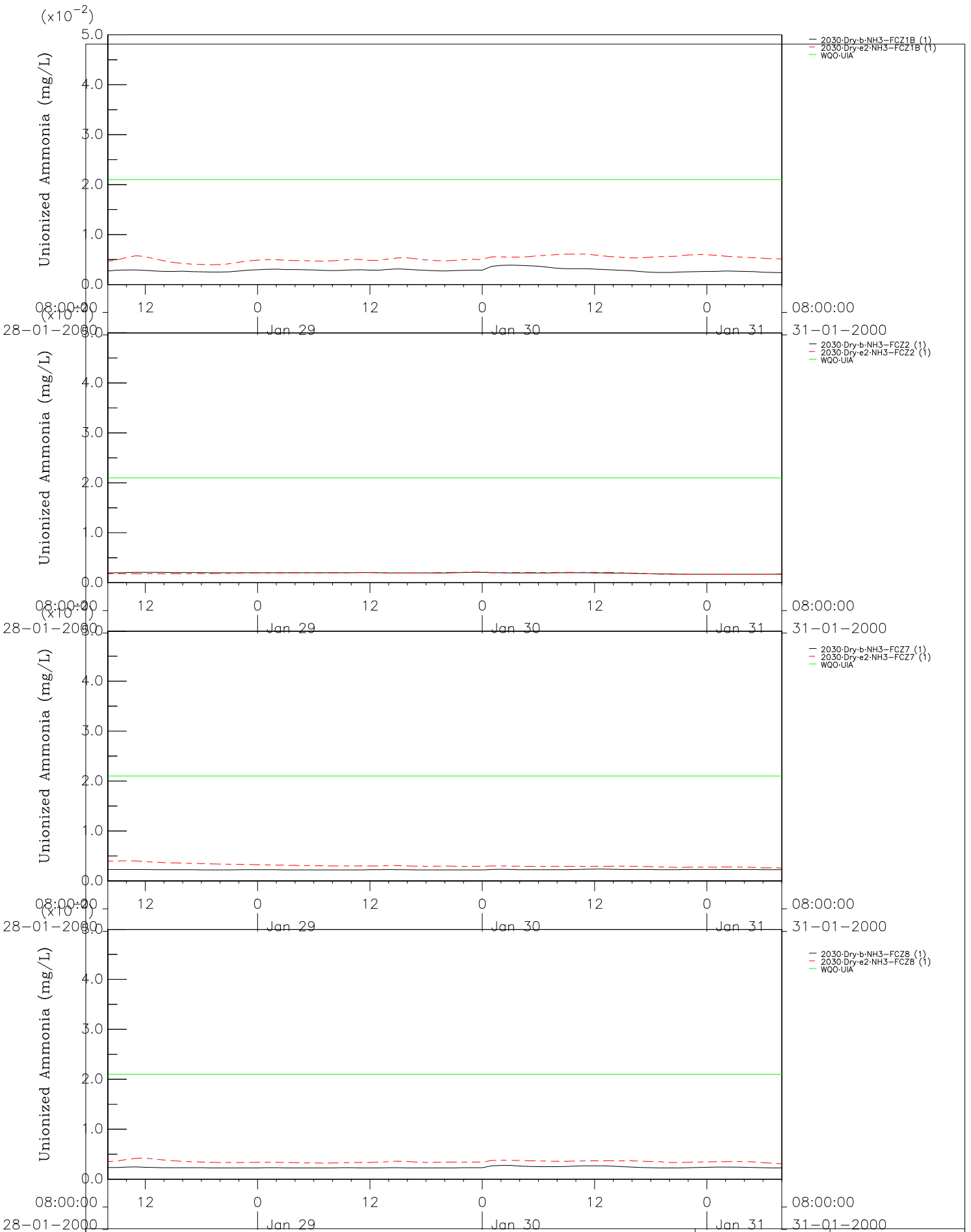
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water – Dissolved Oxygen
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030 Dry

Annex 5K-21

ERM HK Limited

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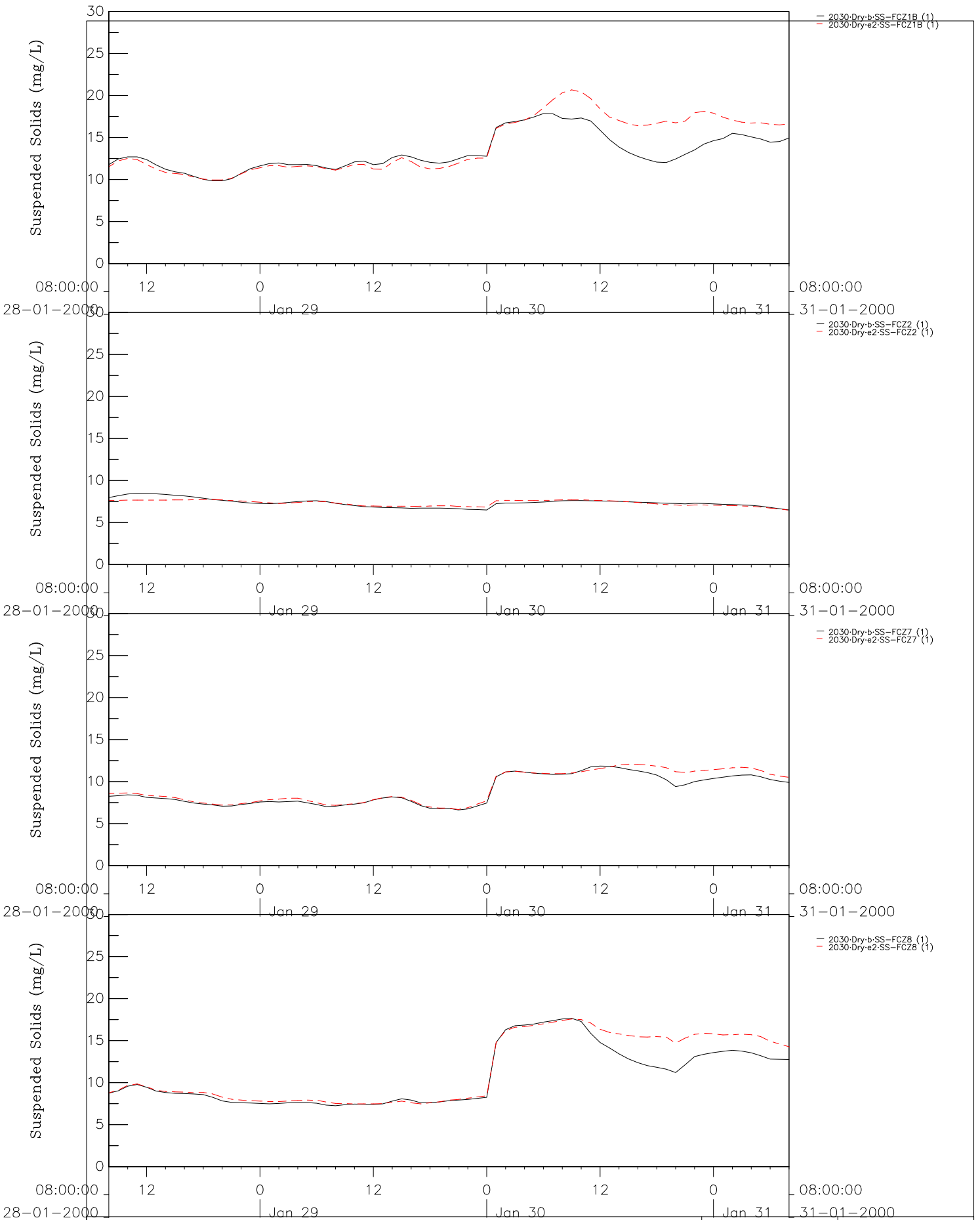


Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water – Unionized Ammonia
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030 Dry
 Annex 5K-22

ERM HK Limited

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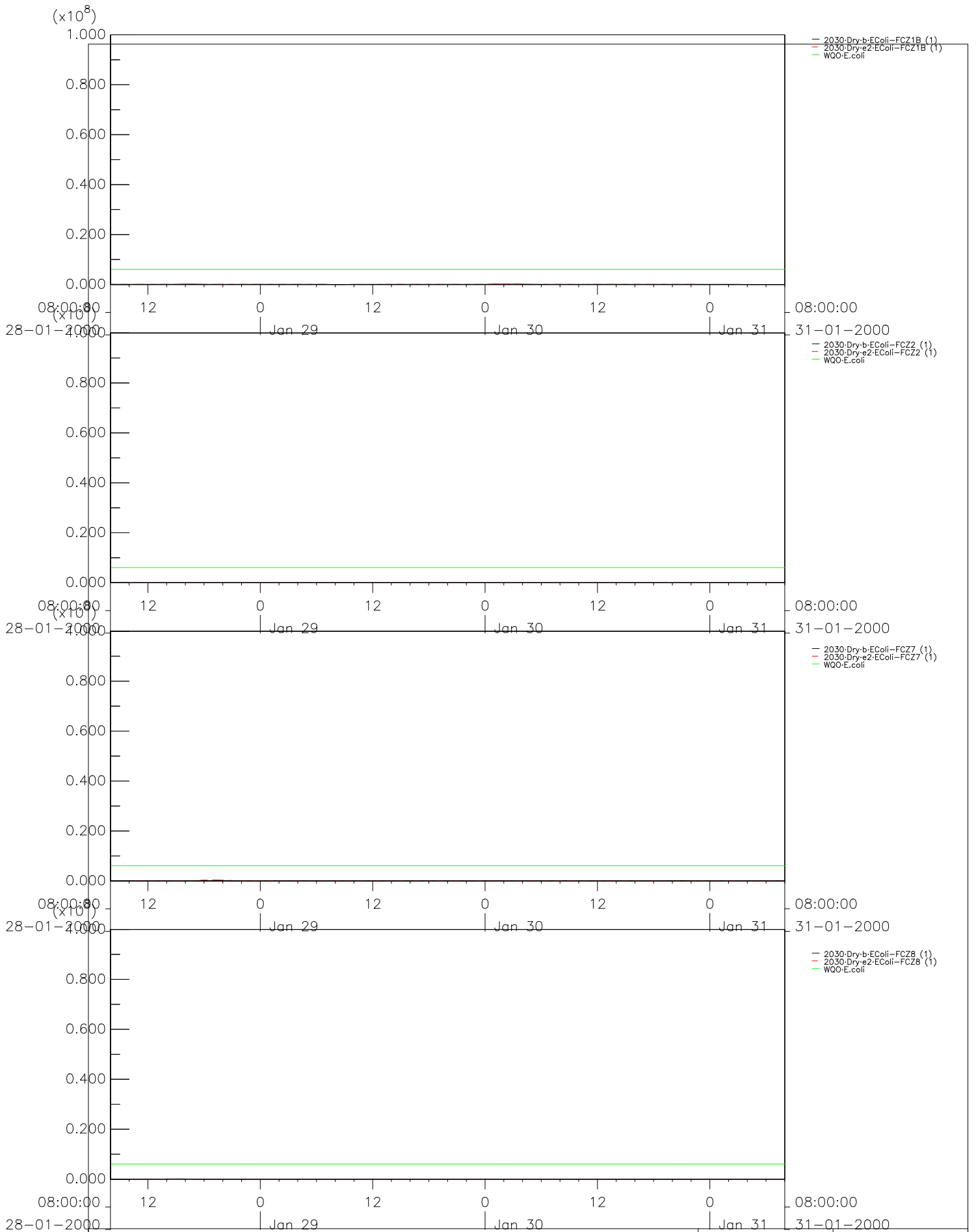
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water – Suspended Solids
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030 Dry

Annex 5K-23

ERM HK Limited

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Expansion of Sha Tau Kok Sewage Treatment Works

2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water – E.coli

Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030

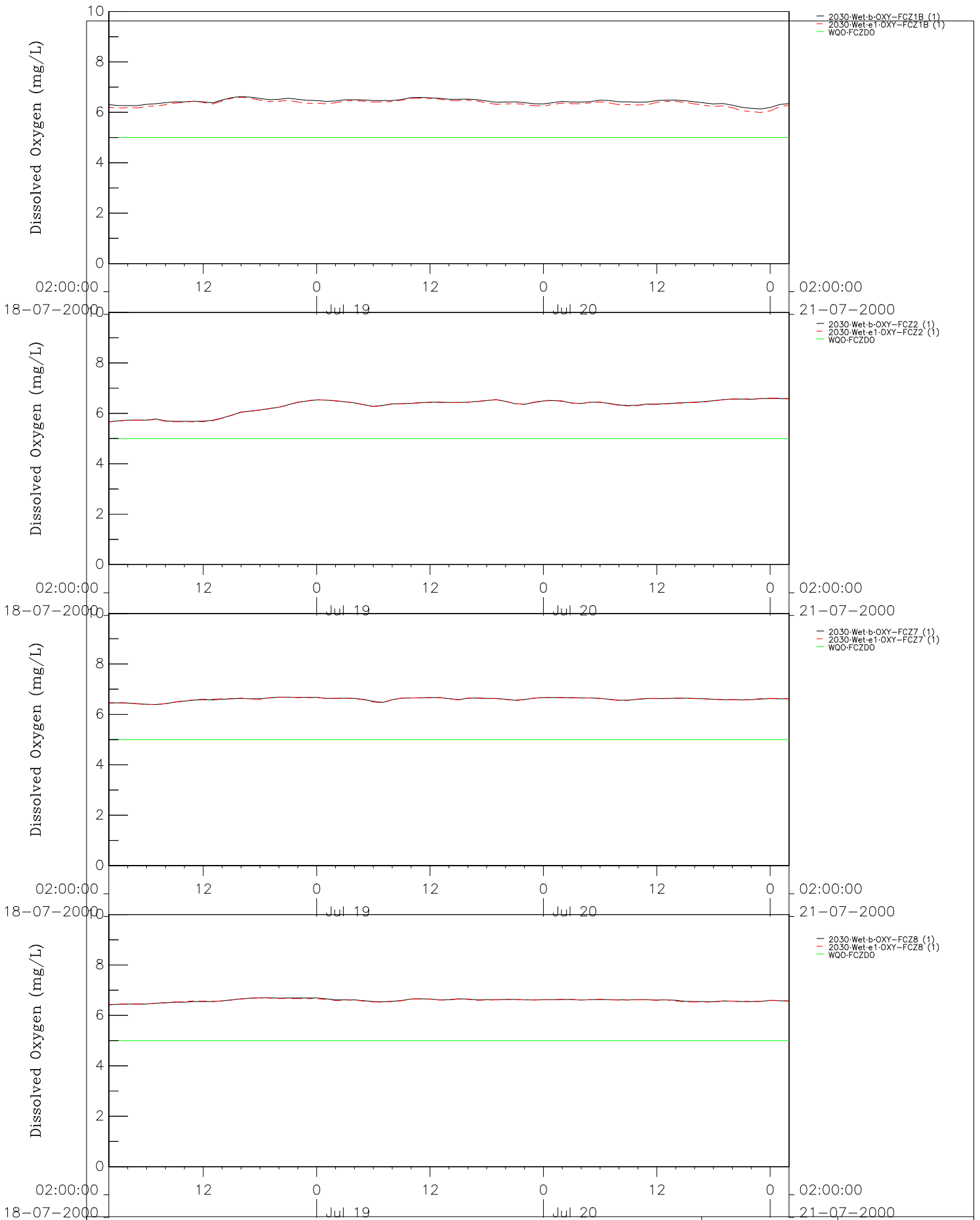
Dry

Annex 5K-24

ERM HK Limited

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EM-WQ-TS.ssn



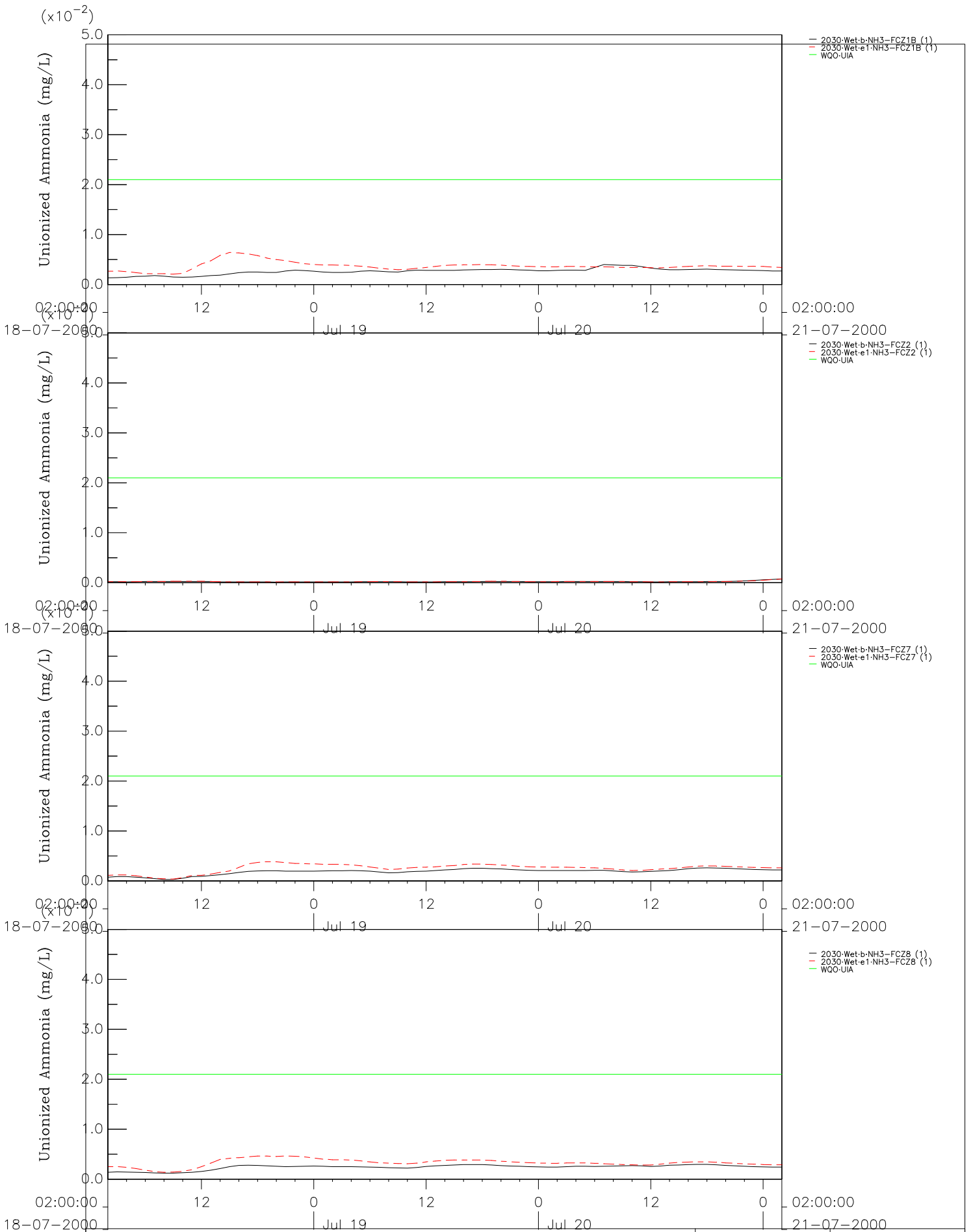
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water – Dissolved Oxygen
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030 Wet

Annex 5K-25

ERM HK Limited

0211731/GPP EM-WQ-TS.ssn



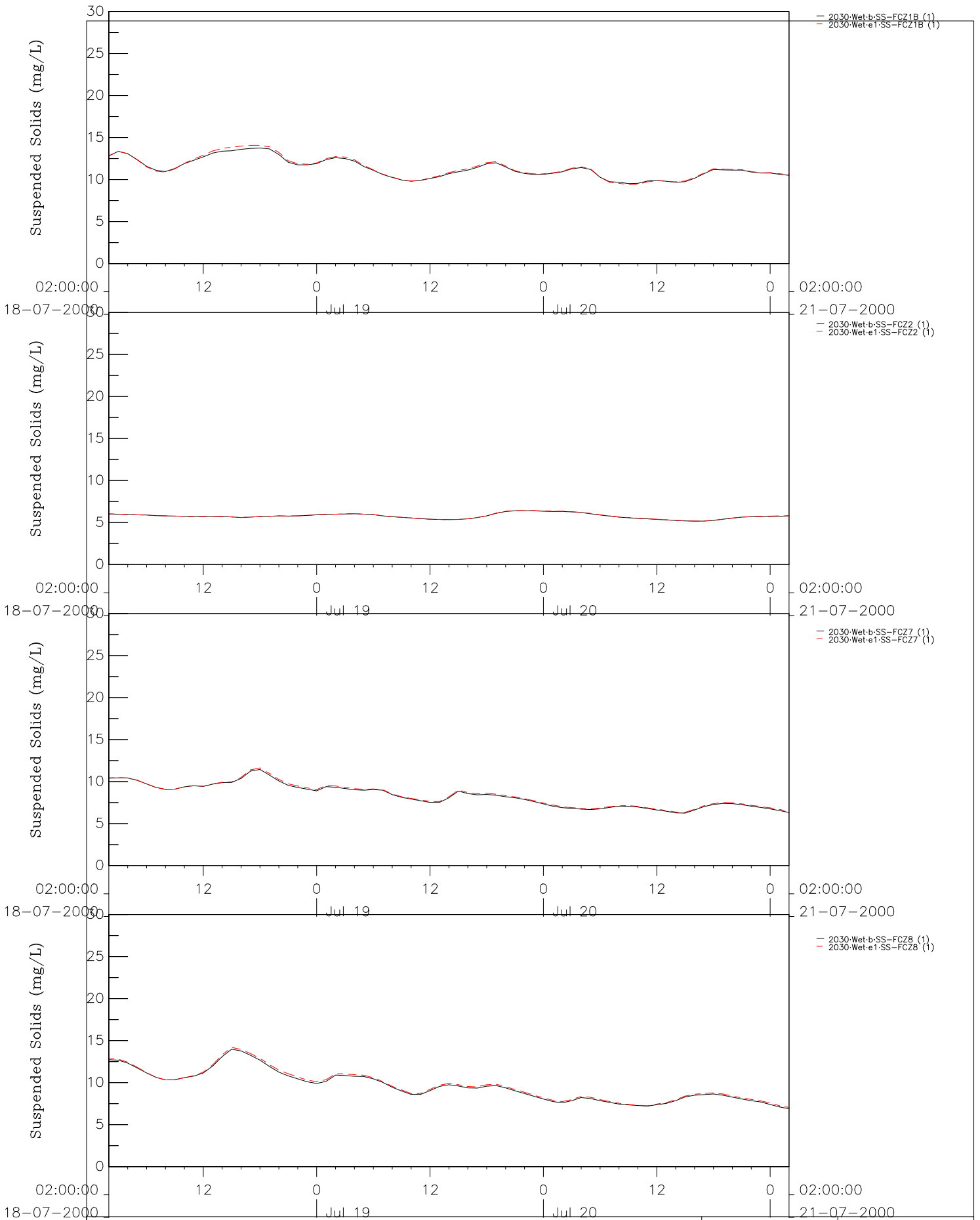
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water – Unionized Ammonia
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030 Wet

Annex 5K-26

ERM HK Limited

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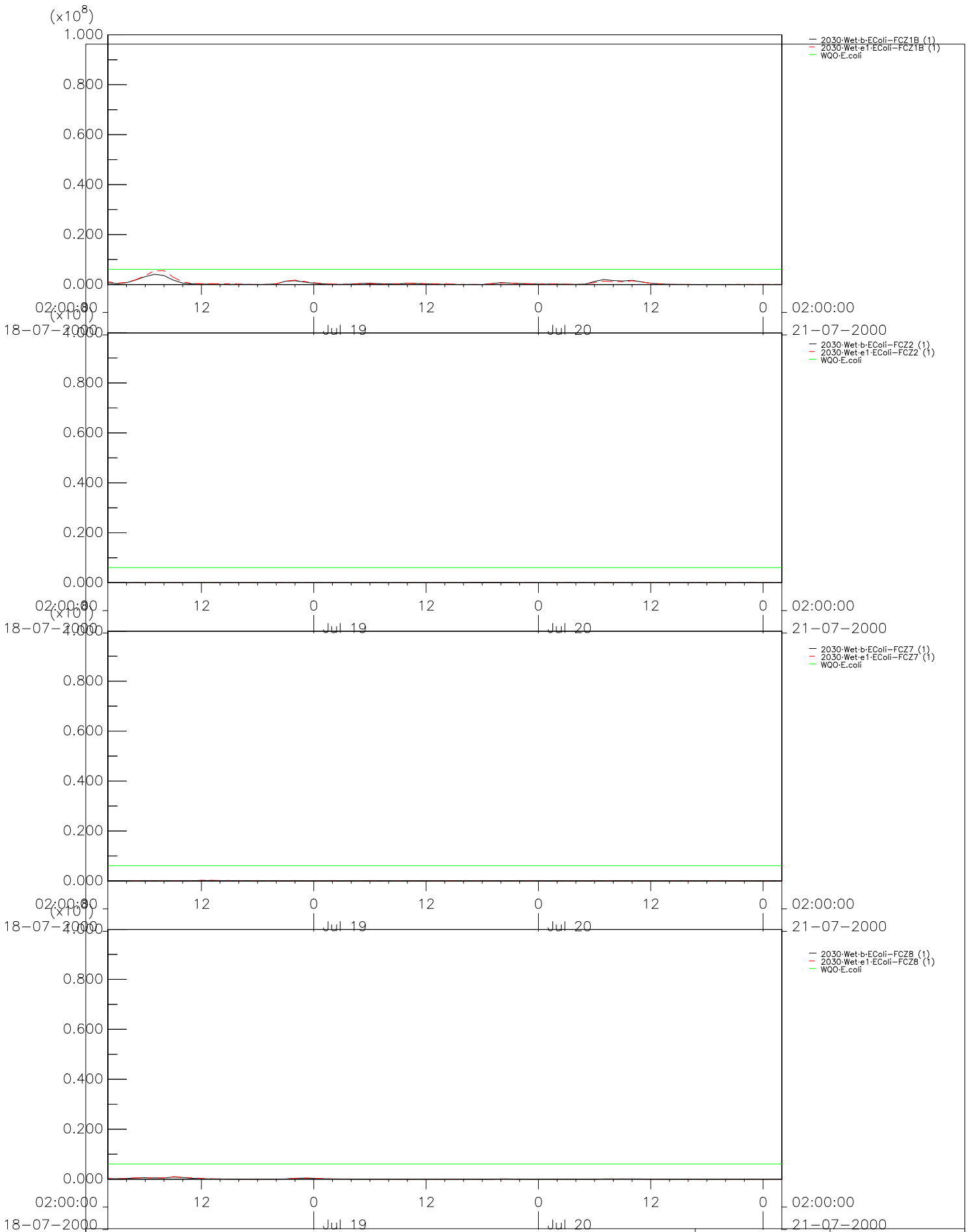
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water – Suspended Solids
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FC21, FC22, FC27 and FC28

Year 2030 Wet

Annex 5K-27

ERM HK Limited

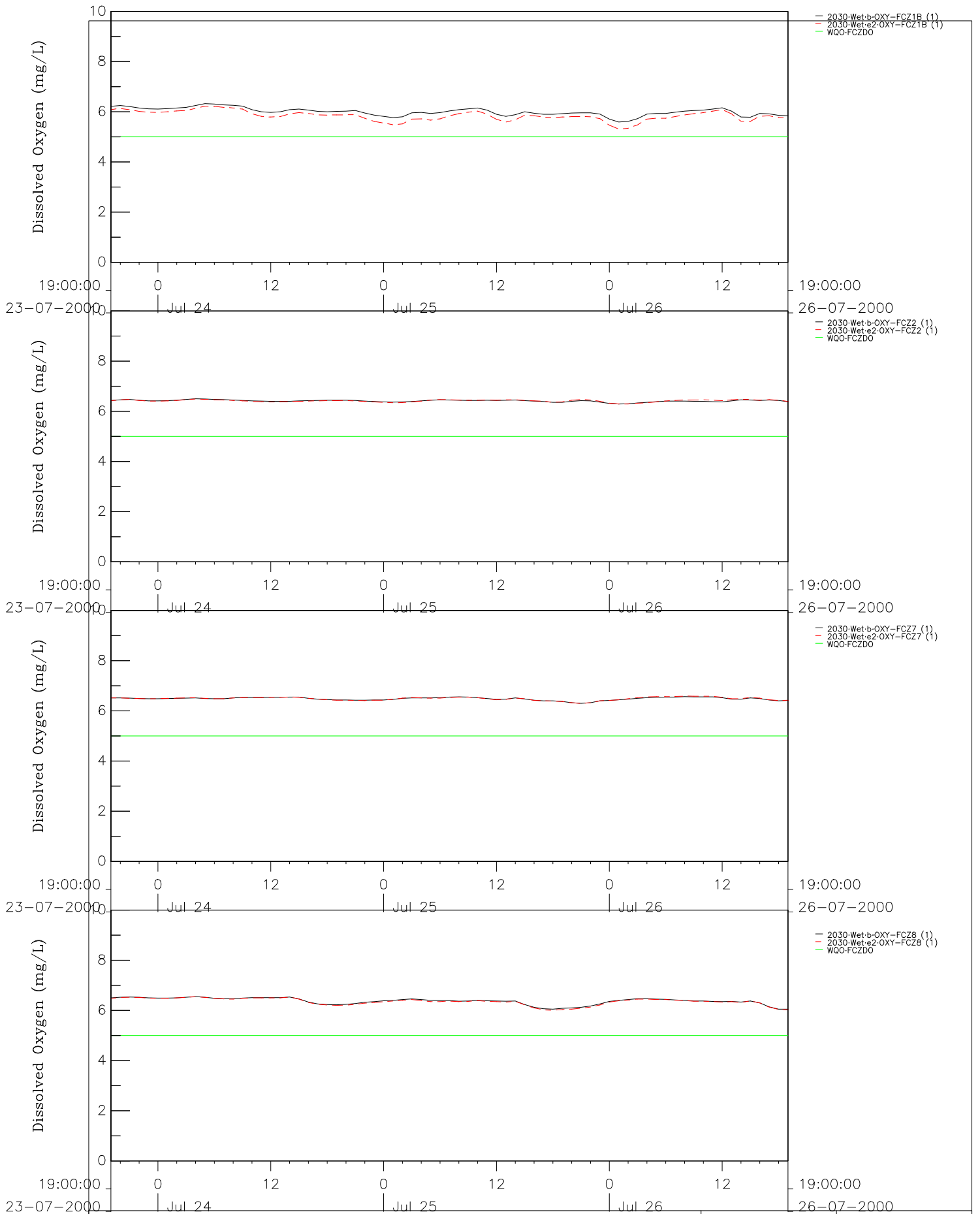
0211731/GPP EM-WQ-TS.ssn



Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Spring Tide High Water – E.coli
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030	Wet
Annex 5K-28	
0211731/GPP	EM-WQ-TS.ssn

ERM HK Limited



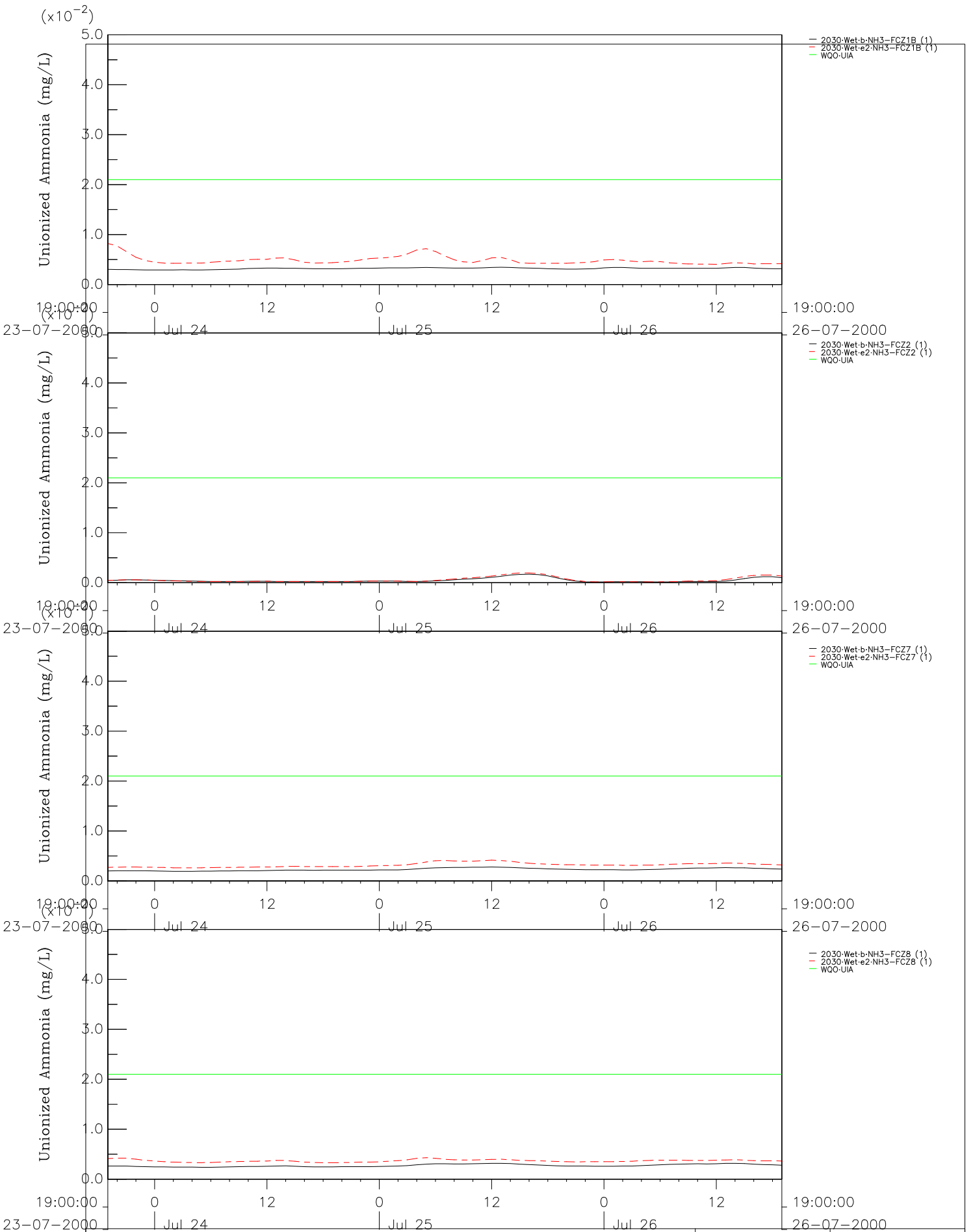
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water – Dissolved Oxygen
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030 Wet

Annex 5K-29

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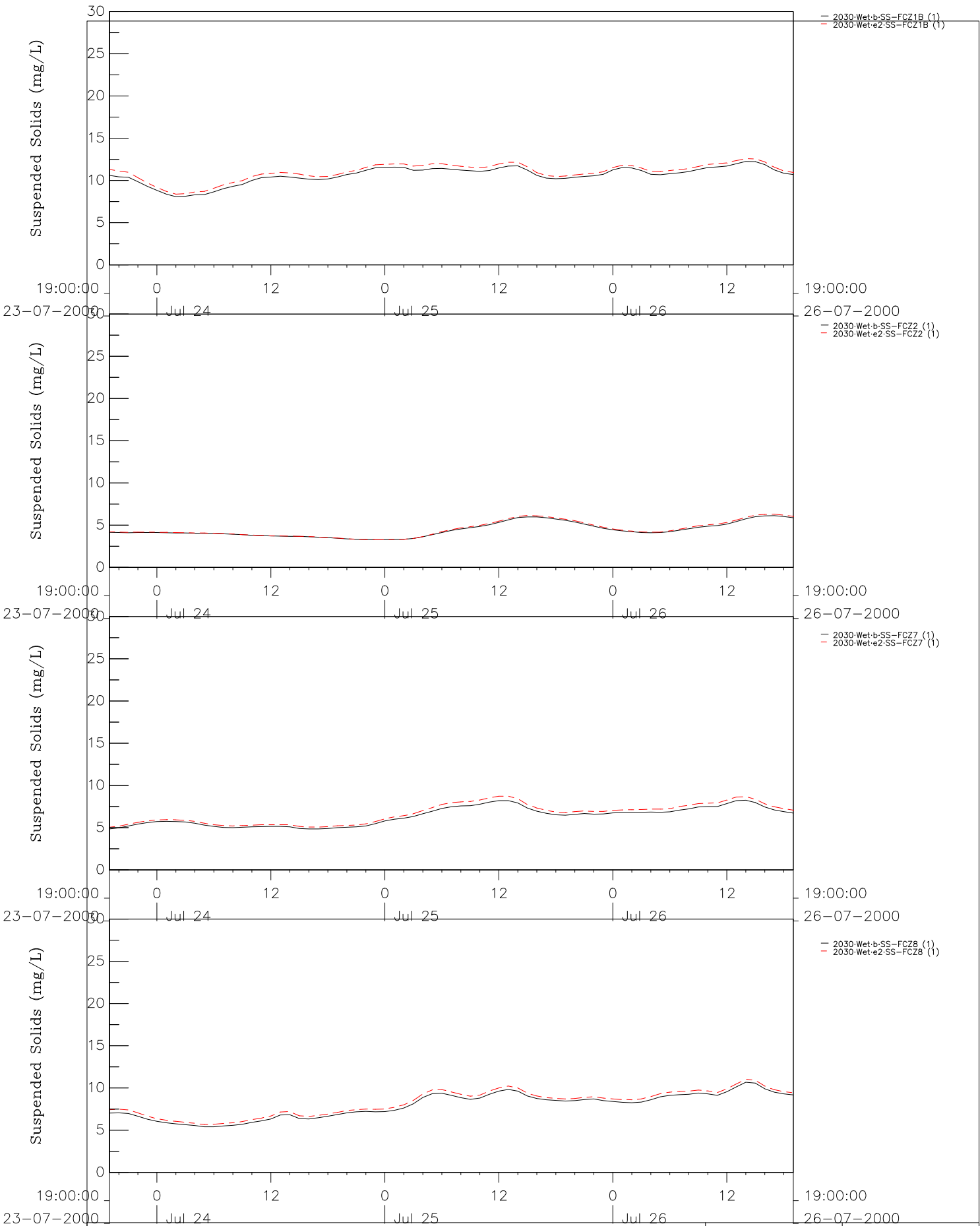
Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water – Unionized Ammonia
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030 Wet

Annex 5K-30

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Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water – Suspended Solids
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

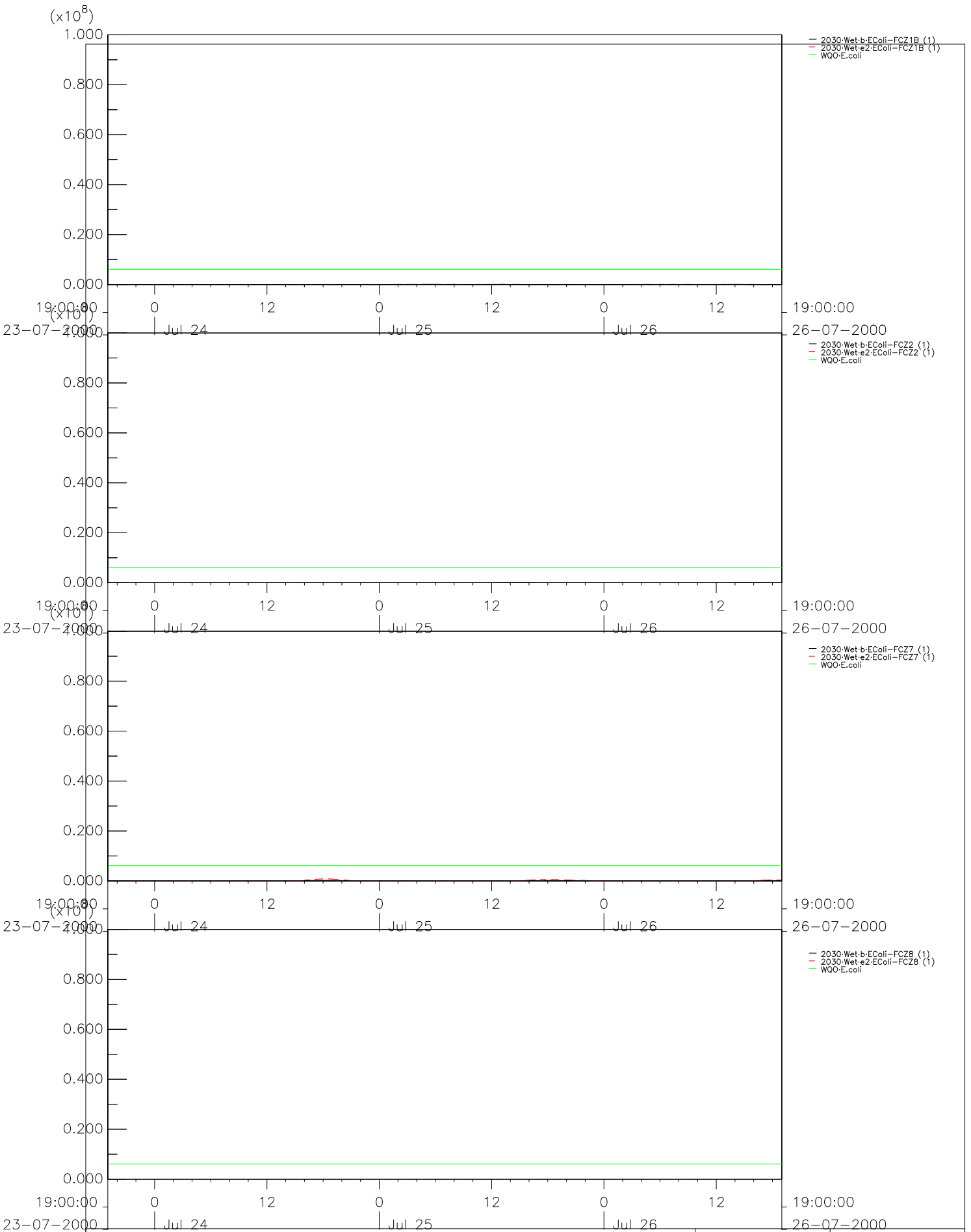
Year 2030 Wet

Annex 5K-31

ERM HK Limited

0211731/GPP

EM-WQ-TS.ssn



Expansion of Sha Tau Kok Sewage Treatment Works
 2030 Emergency Discharge from the Expanded STKSTW in Neap Tide High Water – E.coli
 Black: Baseline; Dashed Red: Emergency. From top to bottom: FCZ1, FCZ2, FCZ7 and FCZ8

Year 2030	Wet
Annex 5K-32	
0211731/GPP	EM-WQ-TS.ssn

ERM HK Limited