Appendix N Exceedance Report

Integrated Waste Management Facilities, Phase 1

Water Quality (Regular Monitoring)				
Location	Action Level	Limit Level	Total	
B1	0	0	0	
B2	1	0	1	
B3	3	3	6	
B4	3	0	3	
CR1	1	1	2	
CR2	2	5	7	
F1A	1	0	1	
H1	1	0	1	
S1	0	0	0	
S2A	0	0	0	
S3	0	0	0	
M1	0	0	0	

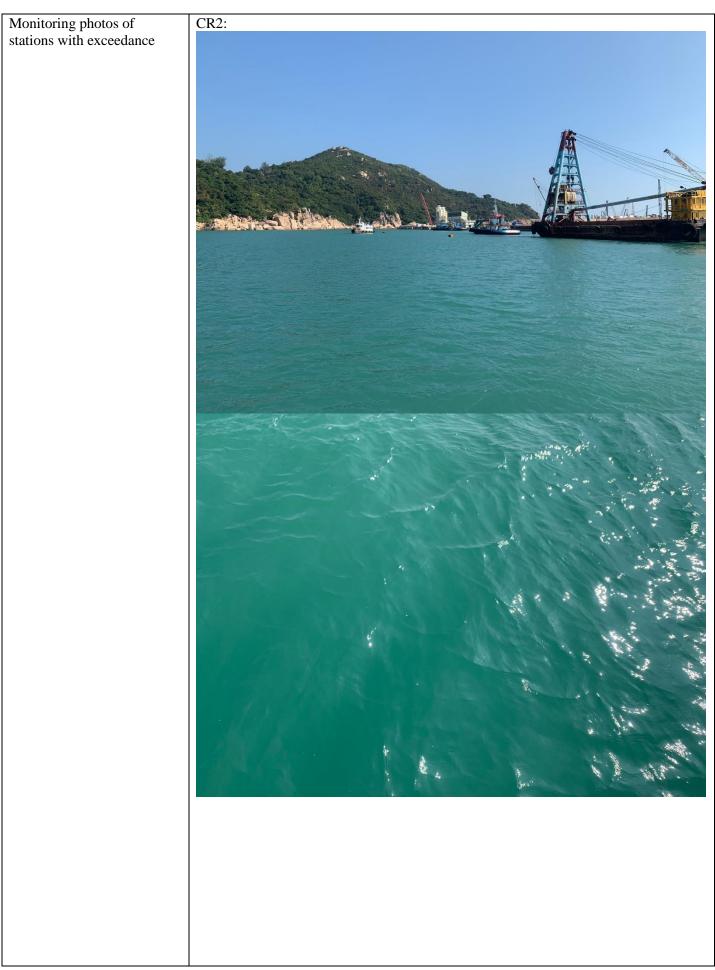
# Statistical Summary of Exceedances in the Reporting Period

#### Integrated Waste Management Facilities, Phase 1

Noise (Day Time)					
Location	Action Level	Limit Level	Total		
M1	0	0	0		
M2	0	0	0		
M3	0	0	0		
	Noise (Evening Time)				
Location	Action Level	Limit Level	Total		
M1	0	0	0		
M2	0	0	0		
M3	0	0	0		
	Noise (N	ight Time)	·		
Location	Action Level	Limit Level	Total		
M1	0	0	0		
M2	0	0	0		
M3	0	0	0		

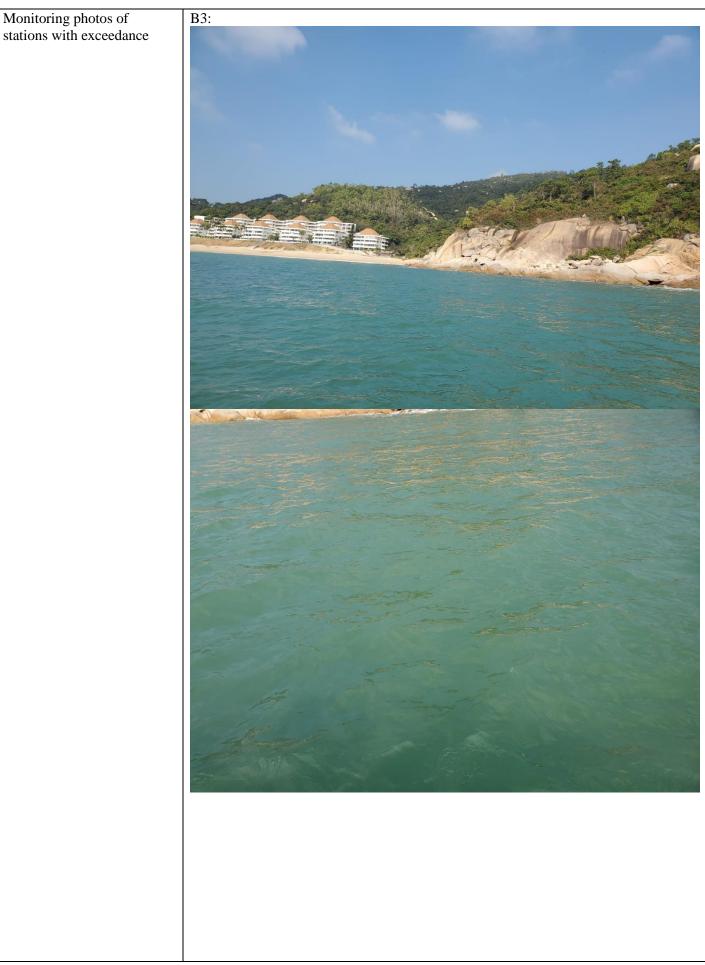
Project	Integrated Waste Manageme	nt Facilities, Phase 1	
Date	03 Jan 2022 (Lab result received on 08 Jan 2022)		
Time	11:25 – 14:55 (Mid-Ebb)		
	08:00 - 10:59 (Mid-Flood)		
	Mid-H	Ebb	
Monitoring Location	CR2		
	+ + • C1A	B2 PROPOSED OUTFALL + SZA 4 PROPOSED 132AV B3 + H H H KEK KWU CHAU CR S3 CR CR CR CR CR CR CR CR CR CR CR CR CR	FIA FIA N I C2A Key A PROPOSED 132KV SUBMARINE CABLE MONITORING STATION PROPOSED 0UTFALL PROPOSED OUTFALL THE IWMF SITE BOUNDARY LAND FORMATION FOOTPRINT THE IWMF SITE BOUNDARY I AND FORMATION FOOTPRINT THE IWMF SITE BOUNDARY I AND FORMATION FOOTPRINT THE IWMF SITE BOUNDARY
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level	Limit Level	
Action & Linit Levels			(1200/ofC1A)
Management Langel	$\geq$ 9.8 mg/L (120% of C1A)		(130% of C1A)
Measurement Level			
	Impact Station(s) of	Measurement Level	Impact Station(s) without
	Exceedance		Exceedance
		8.2 mg/L (C1A)	Exceedance 6.0 mg/L (B1)
	Exceedance		Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2)
	Exceedance	8.2 mg/L (C1A)	Exceedance 6.0 mg/L (B1)
	Exceedance	8.2 mg/L (C1A)	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2)
	Exceedance	8.2 mg/L (C1A)	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3)
	Exceedance	8.2 mg/L (C1A)	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1)
	Exceedance	8.2 mg/L (C1A)	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1)
	Exceedance	8.2 mg/L (C1A)	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A)
	Exceedance	8.2 mg/L (C1A)	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1)
Possible reason for Action or	Exceedance 13.7 mg/L (CR2)	8.2 mg/L (C1A) 9.7 mg/L (C2A)	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1)
Possible reason for Action or	Exceedance 13.7 mg/L (CR2) Works scheduled on site of	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) evelling of scour apron on
Possible reason for Action or Limit Level Non-compliance	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le 1180, levelling of 100kg -	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) evelling of scour apron on 150kg underlayer rock at
	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH Breakwater B CH0 - CH40	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le 1180, levelling of 100kg - , leveling of underlayer rocl	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) Evelling of scour apron on 150kg underlayer rock at at Breakwater A CH960 -
	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH Breakwater B CH0 - CH40 CH1000, installation of bloc	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le 1180, levelling of 100kg - , leveling of underlayer roch ckwork for marine access fa	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) Evelling of scour apron on 150kg underlayer rock at at Breakwater A CH960 - acility, landfilling works for
	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH Breakwater B CH0 - CH40 CH1000, installation of bloo below +6.00mPD, landfil	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le I180, levelling of 100kg - , leveling of underlayer roch ckwork for marine access fa ling works for above -	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) Evelling of scour apron on 150kg underlayer rock at a threakwater A CH960 - icility, landfilling works for 6.00mPD, installation of
	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH Breakwater B CH0 - CH40 CH1000, installation of bloc below +6.00mPD, landfil instrumentation, piling pre-d	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le 1180, levelling of 100kg - , leveling of underlayer rocl ckwork for marine access fa ling works for above - irilling works, piling works,	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) Evelling of scour apron on 150kg underlayer rock at a thereakwater A CH960 - icility, landfilling works for 6.00mPD, installation of piling works for driven pile,
	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH Breakwater B CH0 - CH40 CH1000, installation of bloo below +6.00mPD, landfil	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le 1180, levelling of 100kg - , leveling of underlayer rocl ckwork for marine access fa ling works for above - irilling works, piling works,	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) Evelling of scour apron on 150kg underlayer rock at a thereakwater A CH960 - icility, landfilling works for 6.00mPD, installation of piling works for driven pile,
	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH Breakwater B CH0 - CH40 CH1000, installation of bloc below +6.00mPD, landfil instrumentation, piling pre-d	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le 1180, levelling of 100kg - , leveling of underlayer rocl ckwork for marine access fa ling works for above - irilling works, piling works,	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) Evelling of scour apron on 150kg underlayer rock at a thereakwater A CH960 - icility, landfilling works for 6.00mPD, installation of piling works for driven pile,
	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH Breakwater B CH0 - CH40 CH1000, installation of blov below +6.00mPD, landfil instrumentation, piling pre-d piling works for pre-bored so	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le 1180, levelling of 100kg - , leveling of underlayer rocl ckwork for marine access fa ling works for above - irilling works, piling works,	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) Evelling of scour apron on 150kg underlayer rock at a thereakwater A CH960 - icility, landfilling works for 6.00mPD, installation of piling works for driven pile,
	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH Breakwater B CH0 - CH40 CH1000, installation of blov below +6.00mPD, landfil instrumentation, piling pre-d piling works for pre-bored so	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le 1180, levelling of 100kg - , leveling of underlayer roch ckwork for marine access fa ling works for above - brilling works, piling works, pocketed H-pile and existing c	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) Evelling of scour apron on 150kg underlayer rock at a the Breakwater A CH960 - incility, landfilling works for -6.00mPD, installation of piling works for driven pile, aisson extension and armour
	Exceedance 13.7 mg/L (CR2) Works scheduled on site of Breakwater B CH60 - CH Breakwater B CH0 - CH40 CH1000, installation of bloo below +6.00mPD, landfil instrumentation, piling pre-d piling works for pre-bored so scour protection.	8.2 mg/L (C1A) 9.7 mg/L (C2A) on 03 Jan 2022 include le 1180, levelling of 100kg - , leveling of underlayer roch ckwork for marine access fa ling works for above - brilling works, piling works, pocketed H-pile and existing c	Exceedance 6.0 mg/L (B1) 6.0 mg/L (B2) 6.8 mg/L (B3) 7.0 mg/L (B4) 7.2 mg/L (H1) 7.7 mg/L (M1) 5.7 mg/L (F1A) 8.0 mg/L (CR1) Evelling of scour apron on 150kg underlayer rock at a the Breakwater A CH960 - incility, landfilling works for -6.00mPD, installation of piling works for driven pile, aisson extension and armour

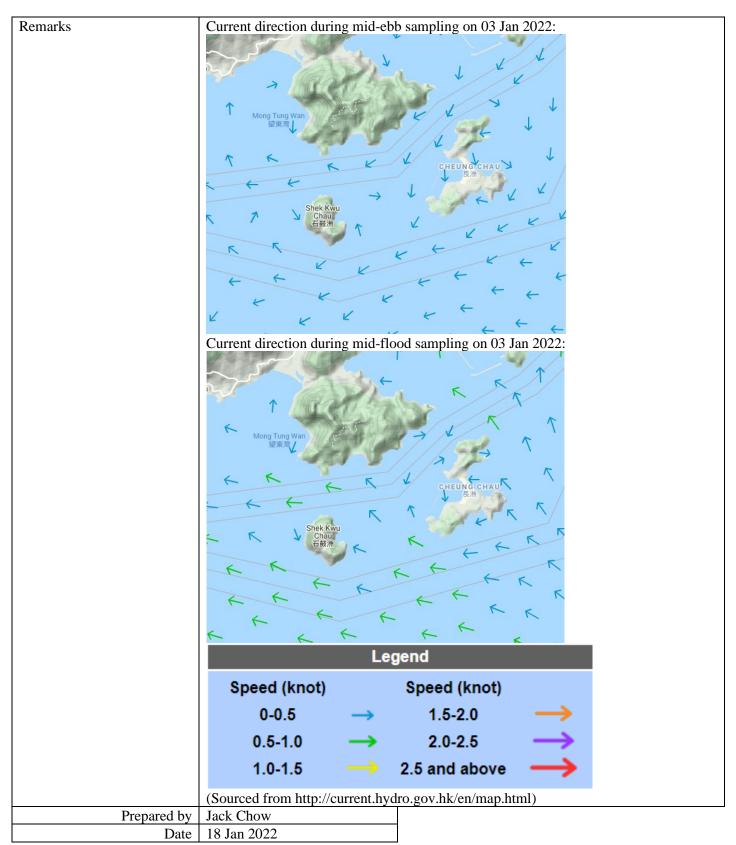
An exceedance of limit level was found at CR2.
CR2 is located close to the works location within the Project site while no marine work was conducted on 03 Jan 2022.
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was fine during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 04 Jan 2022.
After the investigation, the exceedance on 03 Jan 2022 at CR2 is deemed to be unrelated to the Project.



	Mid-Fl	lood	
Monitoring Location	B3 + B10 S1 +	B2 PROPOSED OUTFAIL 4 PROPOSED 132Y SUBMARRIE CABLES 4 PROPOSED TABLY BIBMARRIE CABLES 4 PROPOSED RECLAIMED AREA CR2 CR2 CR2 CR1 FOR THE IMEE	
Parameter	Suspended Solid (SS)	T. 1. T. 1	
Action & Limit Levels	Action Level $\mathbb{R}^{(120)}$ of C2A)	Limit Level	
Measurement Level	$\geq$ 8.6 mg/L (120% of C2A) Impact Station(s) of	$\geq 10.0 \text{ mg/L}$ Control Stations	Impact Station(s) without
	Exceedance 9.0 mg/L (B3)	7.8 mg/L (C1A) 7.2 mg/L (C2A)	Exceedance 6.3 mg/L (B1) 7.8 mg/L (B2) 4.8 mg/L (B4) 8.2 mg/L (F1A) 6.5 mg/L (H1) 6.7 mg/L (M1) 6.0 mg/L (CR1) 8.2 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<ul> <li>Breakwater B CH60 - CH</li> <li>Breakwater B CH0 - CH40,</li> <li>CH1000, installation of bloc</li> <li>below +6.00mPD, landfil</li> <li>instrumentation, piling pre-d</li> <li>piling works for pre-bored so</li> <li>scour protection.</li> <li>Dominant sea current direction</li> <li>Dominant sea current direction</li> <li>An exceedance of action level</li> <li>B3 is located at unrelated so</li> </ul>	on 03 Jan 2022 include le 1180, levelling of 100kg - , leveling of underlayer rock ckwork for marine access fa ling works for above + lrilling works, piling works, p ocketed H-pile and existing ca on was found to be from Sout el was found at B3. stream direction (neither ups The exceedance at this monito	150kg underlayer rock at at Breakwater A CH960 - cility, landfilling works for 6.00mPD, installation of biling works for driven pile, aisson extension and armour heast to Northwest at waters

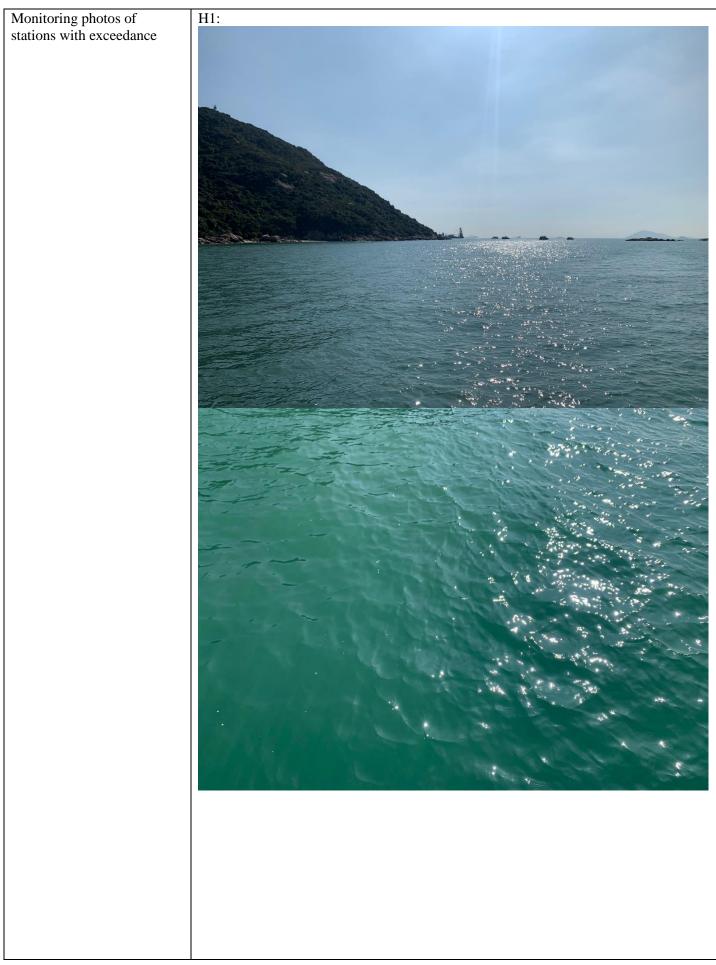
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was fine during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 04 Jan 2022.
After the investigation, the exceedance on 03 Jan 2022 at B3 is deemed to be unrelated to the Project.





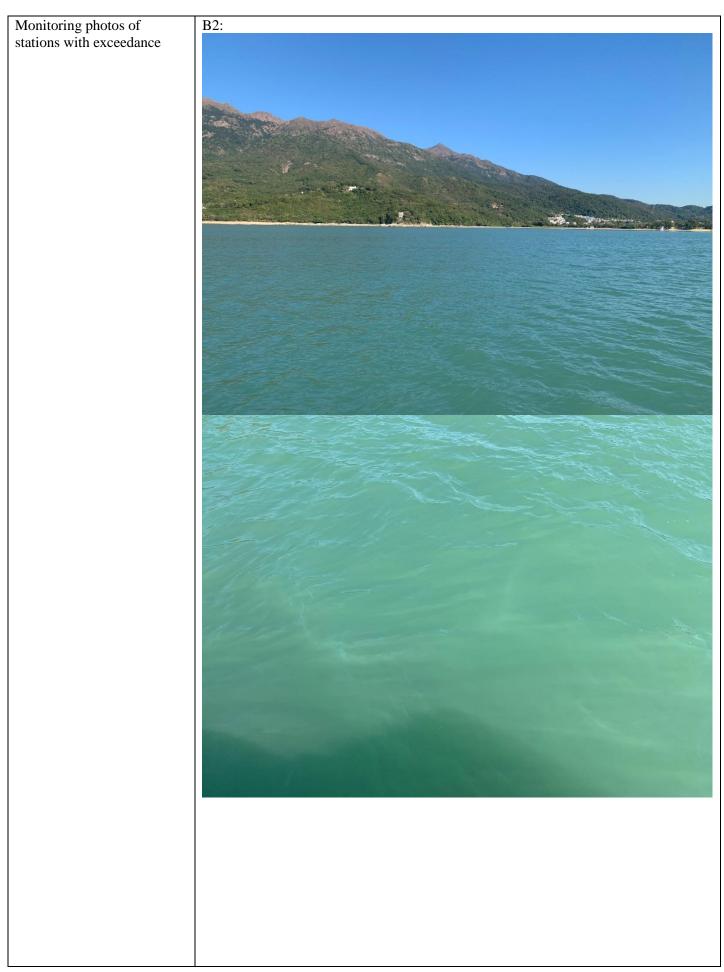
Project	Integrated Waste Manageme	nt Facilities, Phase 1	
Date	05 Jan 2022 (Lab result received on 11 Jan 2022)		
Time	12:55 – 16:10 (Mid-Ebb)		
	08:00 – 11:15 (Mid-Flood)		
	Mid-H	Ebb	
Monitoring Location	H1 + B1 • S1 + • C1A	B2 PROPOSED OUTFALL 4 PROPOSED 13AV SUBMARINE CABLES 4 4 4 4 4 4 4 4 4 4 4 4 4	FIA N FIA N B4 C2A Key A PROPOSED 132KV SUBMARINE CABLE C MONITORING STATION PROPOSED OUTFALL C MONITORING STATION PROPOSED OUTFALL THE IWMF SITE BOUNDARY LAND FORMATION FOOTPRINT THE IWMF SITE BOUNDARY LAND FORMATION FOOTPRINT THE IWMF SITE BOUNDARY
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level	Limit Level	
	$\geq$ 8.0 mg/L	$\geq 10.0 \text{ mg/L}$	
Measurement Level	Impact Station(s) of	Measurement Level	Impact Station(s) without
	Exceedance	<b>5.0 J</b> (C1A)	Exceedance
	8.3 mg/L (H1)	5.0 mg/L (C1A) 3.7 mg/L (C2A)	6.3 mg/L (B1) 5.0 mg/L (B2) 6.0 mg/L (B3) 5.3 mg/L (B4) 5.5 mg/L (M1) 4.2 mg/L (F1A) 7.7 mg/L (CR1) 6.7 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	rock at Breakwater B (CH60 at Breakwater A CH980 - facility, landfilling works for pre-drilling works, piling we bored socketed H-pile and ex	) - CH150; CH100 - CH180 CH1020, installation of b r below +6.00mPD, installati orks, piling works for drive kisting caisson extension and on was found to be from Nor	g of 100kg - 150kg underlayer ), leveling of underlayer rock lockwork for marine access ion of instrumentation, piling n pile, piling works for pre- armour scour protection.

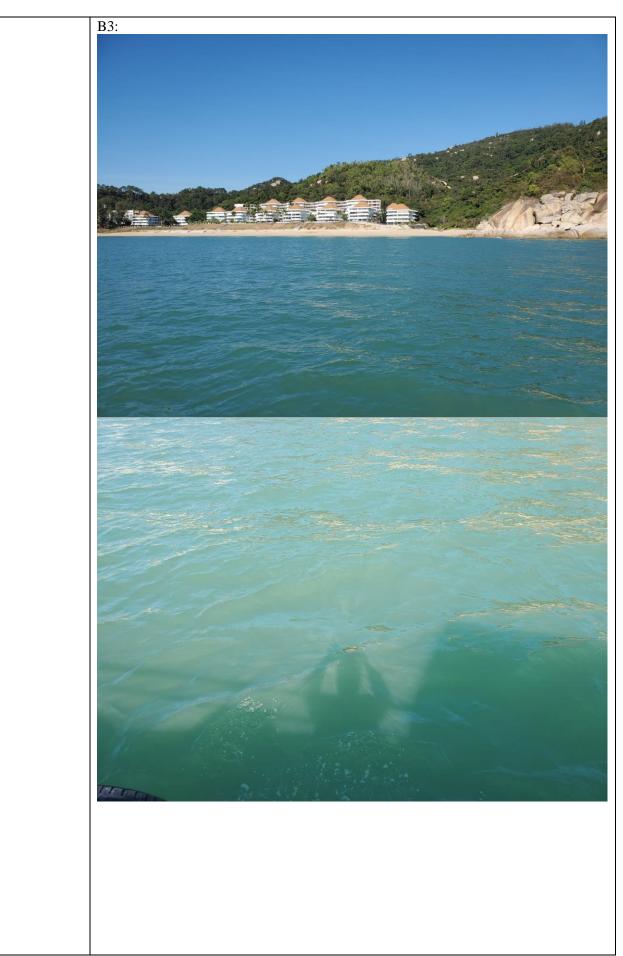
H1 is located at unrelated stream direction (neither upstream nor downstream) to the works location. The exceedance is deemed to be unrelated to the Project.
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was fine during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 04 and 11 Jan 2022.
After the investigation, the exceedance on 05 Jan 2022 at H1 is deemed to be unrelated to the Project.

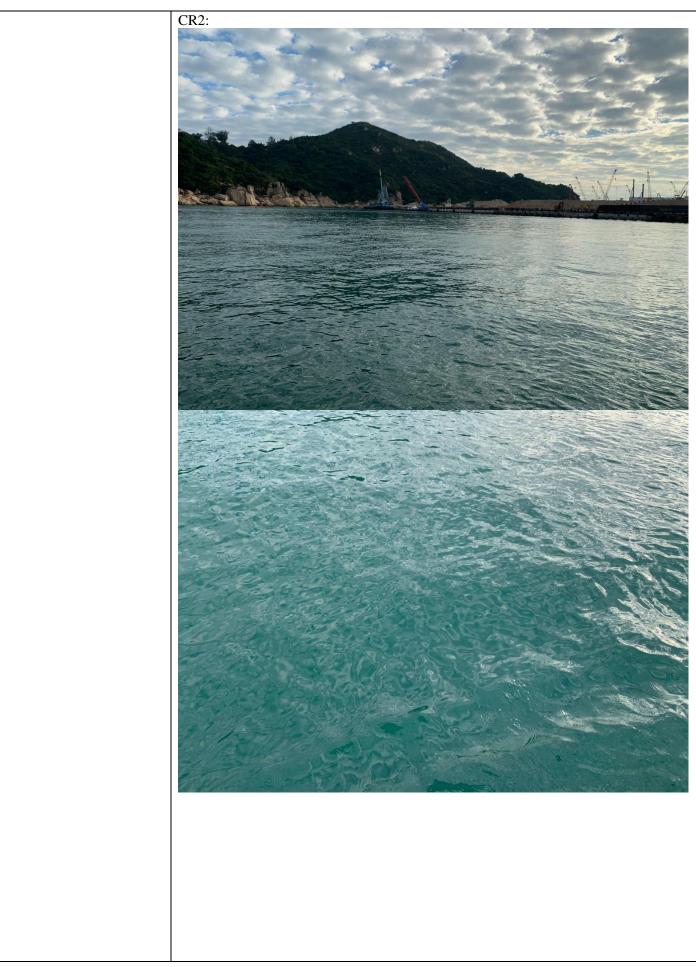


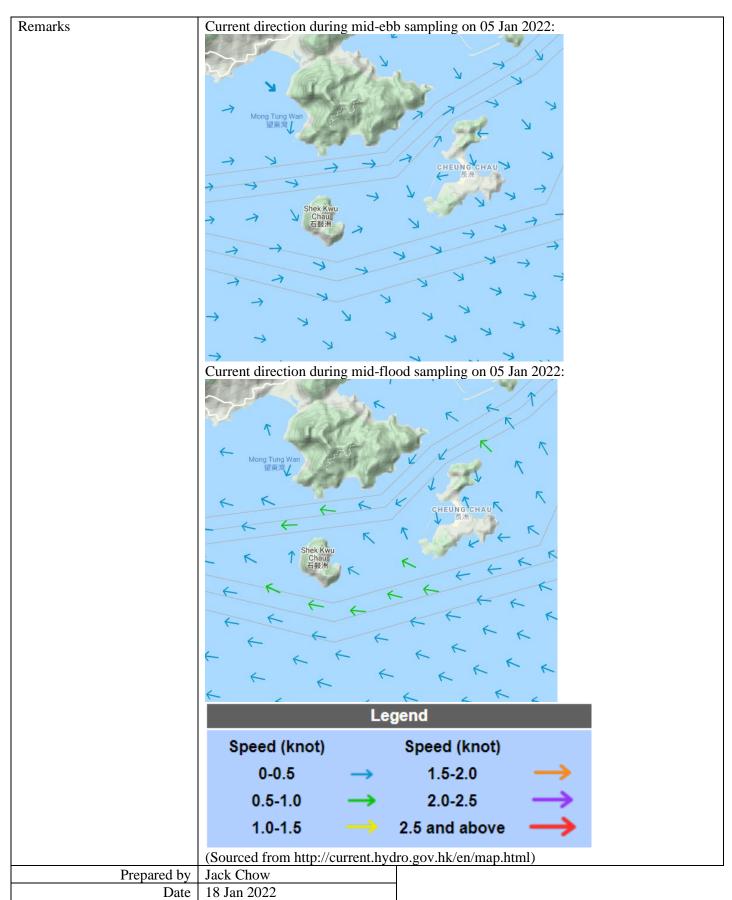
	Mid-Fl	ood	
Monitoring Location	B2, B3, CR2	B2 PROPOSED OUTFAIL +	F1A F1A PTA PTA PTA PTA PTA PTA PTA PT
			THE IWMF SITE BOUNDARY
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level	Limit Level	
	$\geq$ 9.6 mg/L (120% of C2A)		(130% of C2A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	9.8 mg/L (B2) 11.5 mg/L (B3) 10.5 mg/L (CR2)	6.7 mg/L (C1A) 8.0 mg/L (C2A)	4.8 mg/L (B1) 7.3 mg/L (B4) 7.5 mg/L (F1A) 6.3 mg/L (H1) 5.8 mg/L (M1) 6.0 mg/L (CR1)
Possible reason for Action or Limit Level Non-compliance	Works scheduled on site on 0 rock at Breakwater B (CH60 at Breakwater A CH980 - facility, landfilling works for pre-drilling works, piling wo bored socketed H-pile and ex	) - CH150; CH100 - CH180) CH1020, installation of bl r below +6.00mPD, installati orks, piling works for driver isting caisson extension and	, leveling of underlayer rock ockwork for marine access on of instrumentation, piling n pile, piling works for pre- armour scour protection.
	Dominant sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.		
	An exceedance of action level was found at B2 and exceedances of limit level were found at B3 and CR2.		
	B2 and B3 are located at unref far away) to the works locati to be unrelated to the Project.	ion. The exceedance at this r	-
	CR2 is located close to the work was conducted on 05 Ja		Project site while no marine

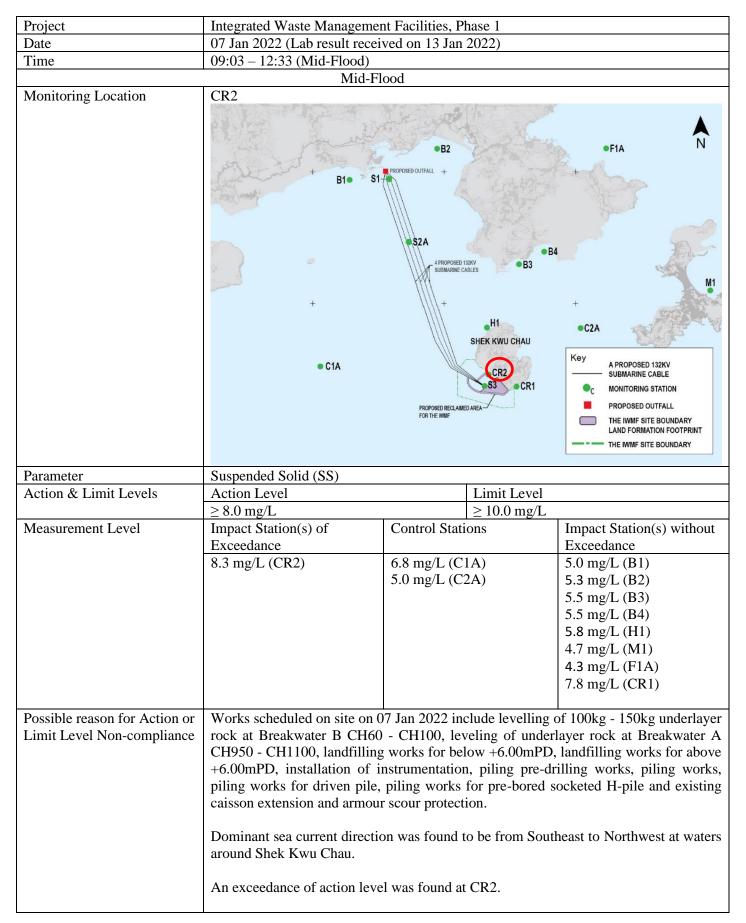
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was fine during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 04 and 11 Jan 2022.
After the investigation, the exceedance on 05 Jan 2022 at B2, B3 and CR2 are deemed to be unrelated to the Project.



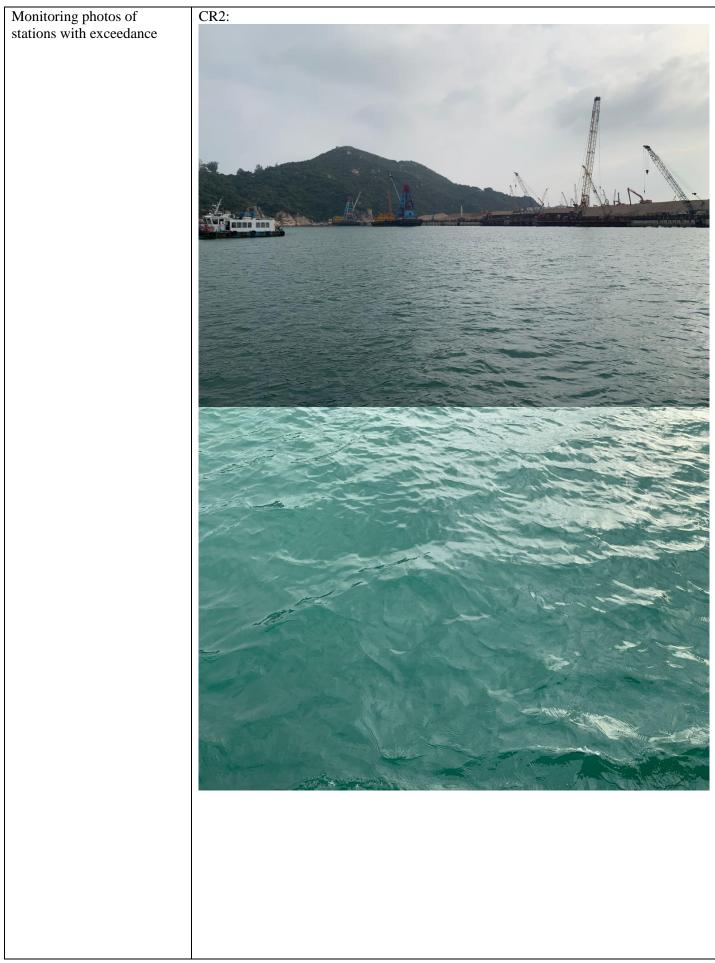


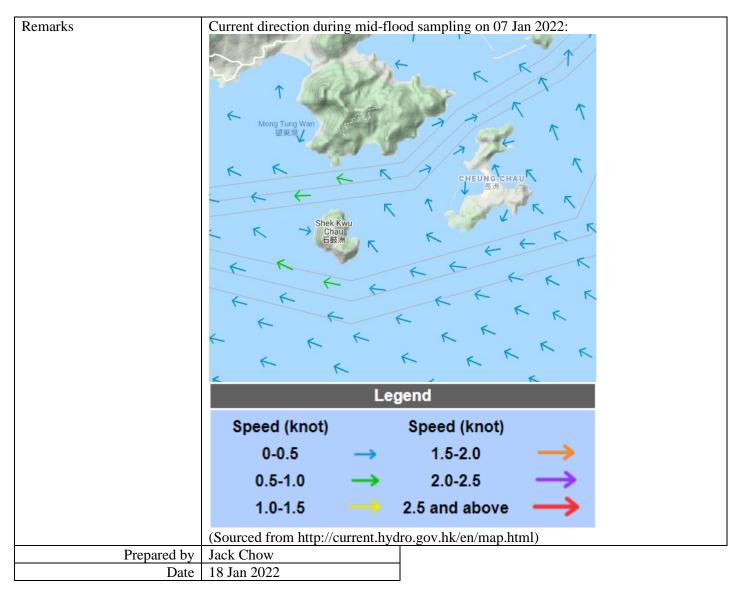






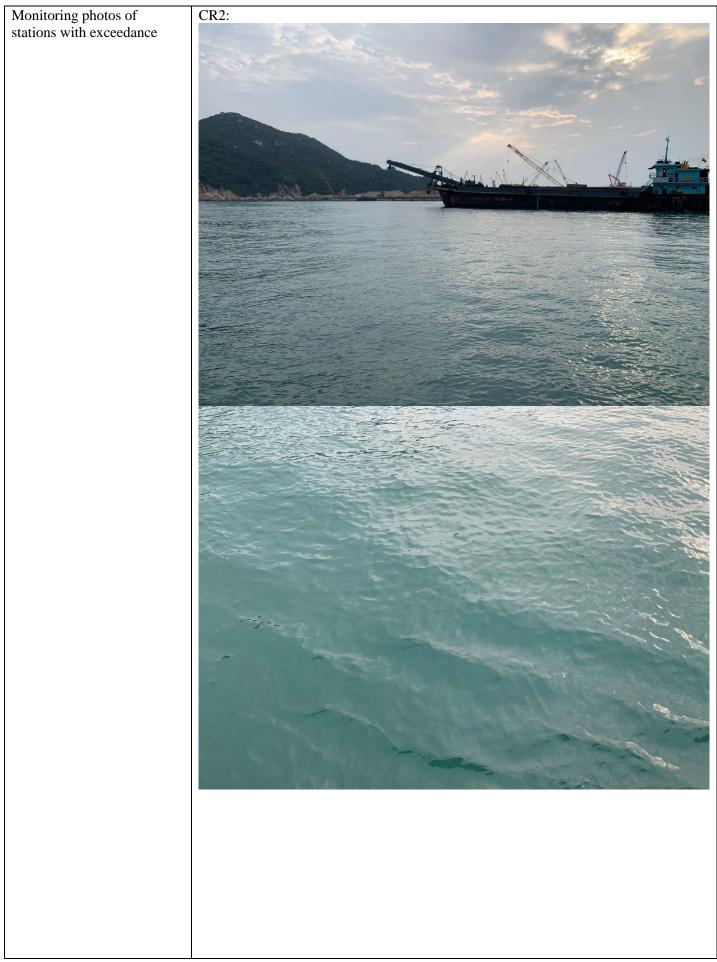
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
CR2 is located close to the works location within the Project site while no marine work was conducted on 7 Jan 2022.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was fine during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 04 and 11 Jan 2022.
After the investigation, the exceedance on 07 Jan 2022 at CR2 is deemed to be unrelated to the Project.





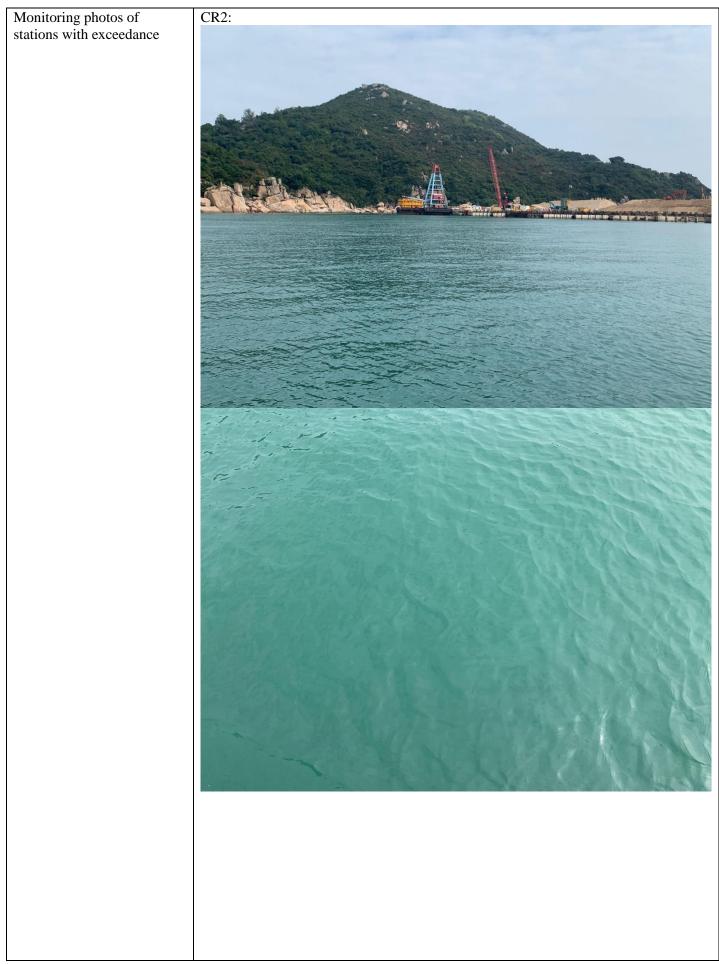
10 Jan 2022 (Lab result received)           08:00 - 08:39 (Mid-Ebb)           11:15 - 14:45 (Mid-Flood)	ived on 14 Jan 2022)				
11:15 – 14:45 (Mid-Flood)					
Mid-H	Ebb				
CR2 + B10 S1 + C1A	B2 PROPOSED OUTFALL + SZA 4 PROPOSED 132N' SUBMARINE CABLES + H1 SHEK KWU CHAU CR2 ST ST FOR POSED RECLAMED AREA FOR THE IMME	FIA FIA PHA PHA PHA PHA N N N N N N N N N N N N N			
		THE IWMF SITE BOUNDARY			
	· · · · ·	1			
	· · · · · · · · · · · · · · · · · · ·				
	Measurement Level	Impact Station(s) without Exceedance			
	6.5  mg/L (C1A)	7.0 mg/L (B1)			
10.8 llg/L (CR2)	<b>e</b>	5.5  mg/L (B1)			
	0.3  mg/L(C2A)	5.8 mg/L (B2)			
		5.0 mg/L (B4)			
		4.7  mg/L (M1)			
		5.2 mg/L (F1A)			
		5.2 mg/L (H1)			
		3.6 mg/L (CR1)			
rock at Breakwater B CH20 CH720 - CH780, leveling of infilling of caisson, landfillin +6.00mPD, installation of i piling works for driven pile, caisson extension and armou	0 - CH300, leveling of und of underlayer rock at Breal ag works for below +6.00mI instrumentation, piling pre- piling works for pre-bored r scour protection.	g of 100kg - 150kg underlayer derlayer rock at Breakwater A kwater A CH1070 - CH1120, PD, landfilling works for above -drilling works, piling works, d socketed H-pile and existing			
	Suspended Solid (SS)         Action Level         ≥ 8.0 mg/L         Impact Station(s) of         Exceedance         10.8 mg/L (CR2)         Works scheduled on site on         rock at Breakwater B CH20         CH720 - CH780, leveling of         infilling of caisson, landfillir         +6.00mPD, installation of if         piling works for driven pile         caisson extension and armout         Dominant sea current direction	B10       S1         B10       S1         Suspended Solid (SS)         Action Level         Limit Level         ≥ 10.0 mg/L         ≥ 10.0 mg/L         10.8 mg/L (CR2)         6.5 mg/L (C1A)         6.5 mg/L (C2A)         Works scheduled on site on 10 Jan 2022 include levelin         rock at Breakwater B CH200 - CH300, leveling of und         CH720 - CH780, leveling of underlayer rock at Break         infilling of caisson, landfilling works for below +6.00mF         +6.00mPD, installation of instrumentation, piling pre-         piling works for driven pile, piling works for pre-bored         caisson extension and armour scour protection.         Dominant sea current direction was found to be from No			

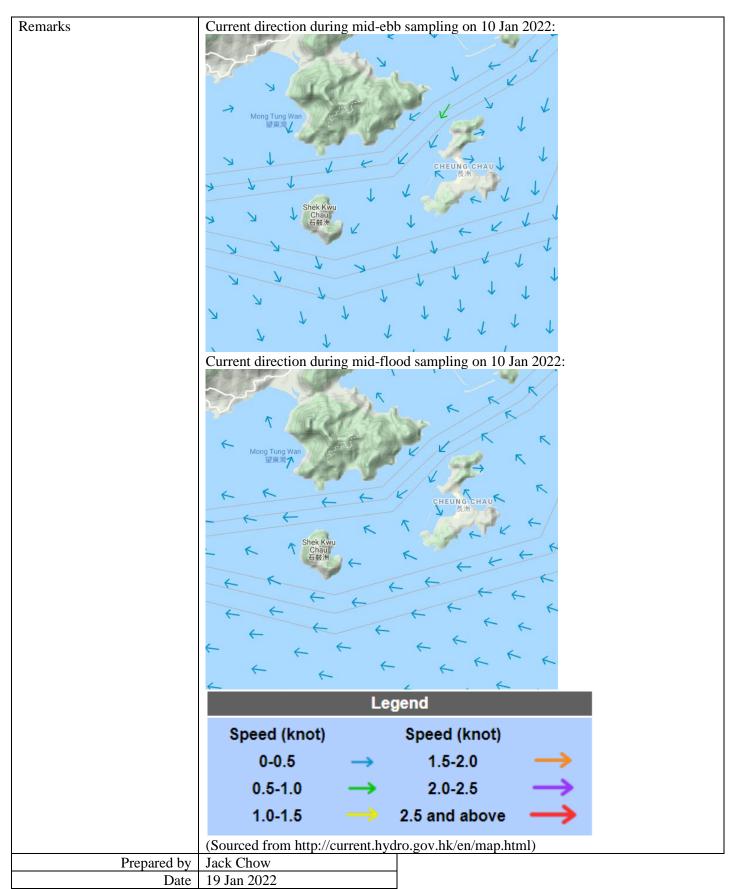
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
CR2 is located close to the works location within the Project site while no marine work was conducted on 10 Jan 2022.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was fine during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 11 Jan 2022.
After the investigation, the exceedance on 10 Jan 2022 at CR2 is deemed to be unrelated to the Project.



	Mid-Fl	lood	
Monitoring Location	CR2 + B10 S1 + • C1A	B2 PROPOSED OUTFALL 4 PROPOSED 132N' 52A 4 PROPOSED 132N' B3 B3 B3 B4 B4 B4 B4 B4 B4 B4 B4 B4 B4	FIA FIA FIA CAL FIA FIA FIA N N N N N N N N N N N N N
_			
Parameter	Suspended Solid (SS)	<b>x</b> · · <b>x</b> · 1	
Action & Limit Levels	Action Level	Limit Level	
Measurement Level	$\geq$ 8.0 mg/L Impact Station(s) of	$\geq 10.0 \text{ mg/L}$ Control Stations	Impact Station(s) without
	Exceedance 10.2 mg/L (CR2)	4.7 mg/L (C1A) 5.0 mg/L (C2A)	Exceedance 5.0 mg/L (B1) 4.0 mg/L (B2) 3.3 mg/L (B3) 7.0 mg/L (B4) 6.3 mg/L (F1A) 3.7 mg/L (H1) 7.3 mg/L (M1) 6.3 mg/L (CR1)
Possible reason for Action or Limit Level Non-compliance	<ul> <li>Works scheduled on site on 10 Jan 2022 include leveling of 100kg - 150kg underlayer rock at Breakwater B CH200 - CH300, leveling of underlayer rock at Breakwater A CH720 - CH780, leveling of underlayer rock at Breakwater A CH1070 - CH1120, landfilling works for below +6.00mPD, landfilling works for above +6.00mPD, installation of instrumentation, piling pre-drilling works, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile and existing caisson extension and armour scour protection.</li> <li>Dominant sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.</li> <li>An exceedance of limit level was found at CR2.</li> <li>The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.</li> <li>CR2 is located close to the works location within the Project site while no marine work was conducted on 10 Jan 2022.</li> </ul>		

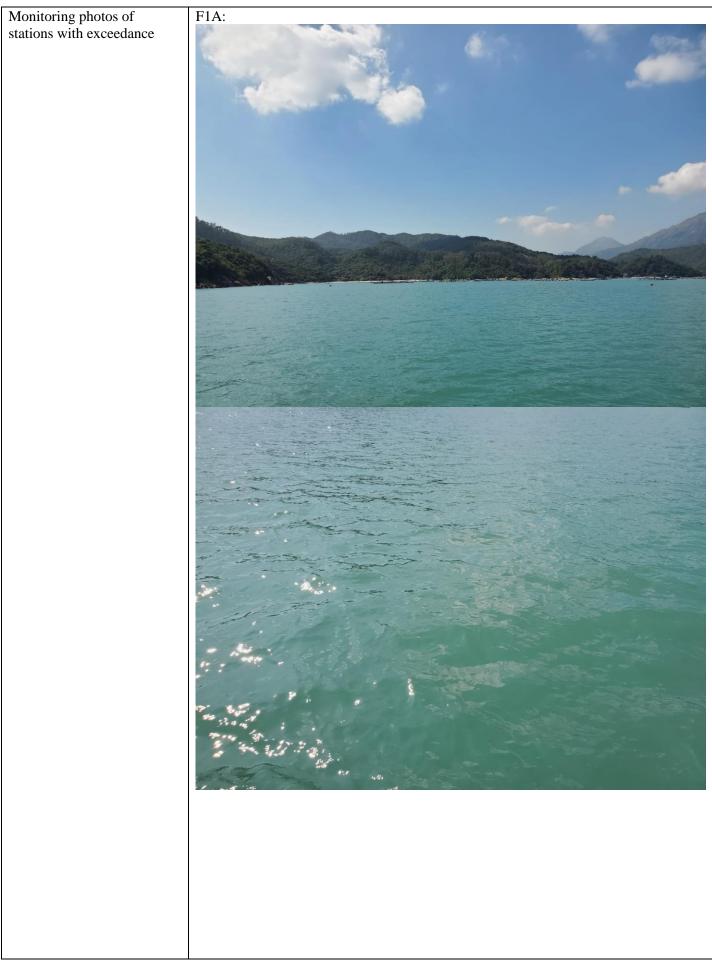
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was fine during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 11 Jan 2022.
After the investigation, the exceedance on 10 Jan 2022 at CR2 is deemed to be unrelated to the Project.

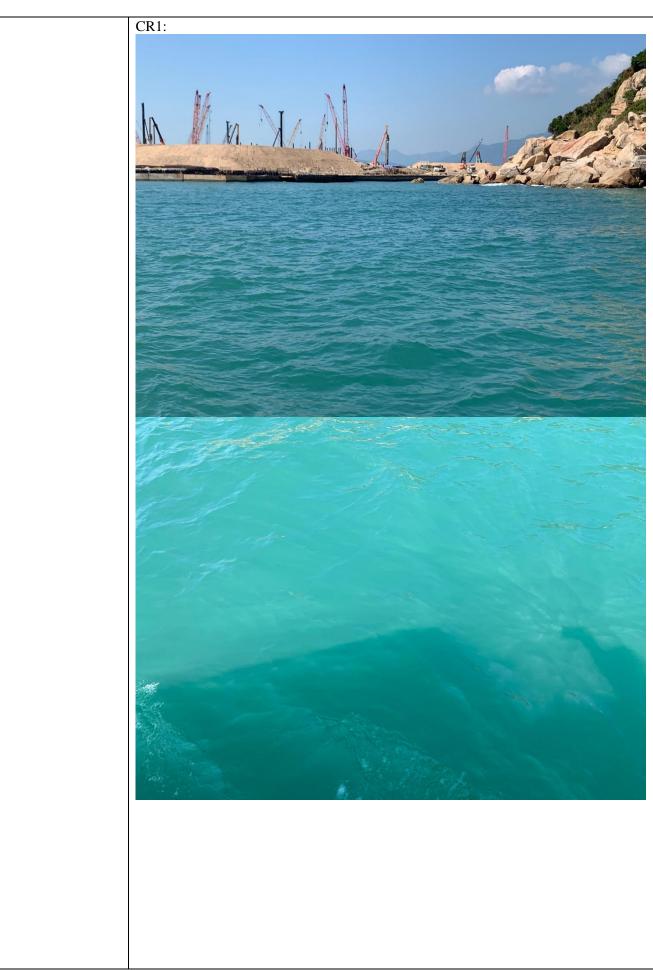




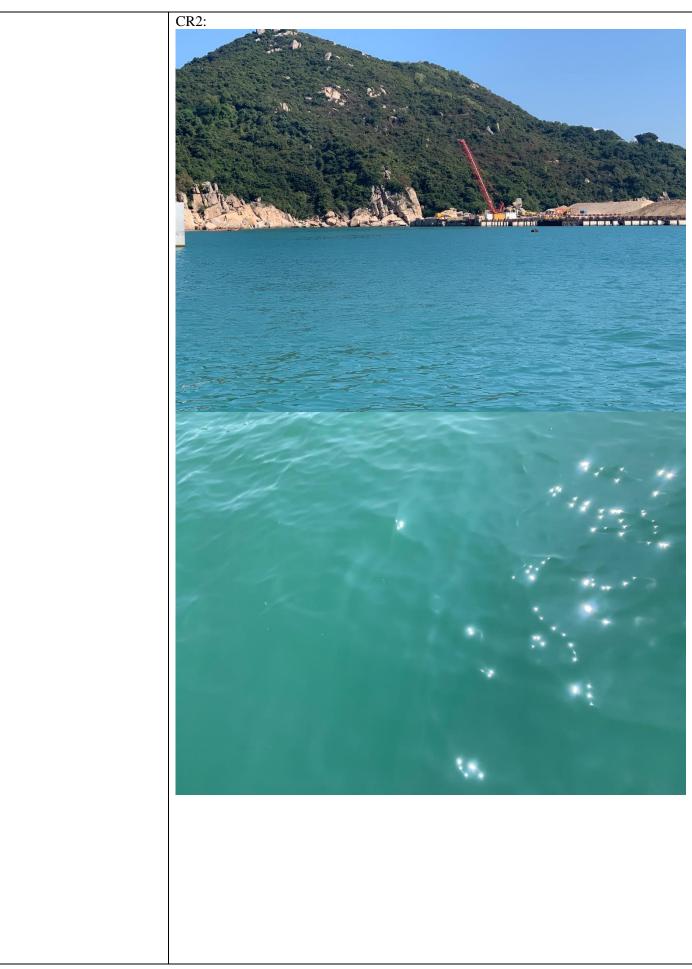
Project	Integrated Waste Managemen	nt Facilities, Phase 1	
Date	19 Jan 2022 (Lab result received on 25 Jan 2022)		
Time	11:35 – 15:05 (Mid-Ebb)		
	Mid-E	Ebb	
Monitoring Location	F1A, CR1, CR2	B2 PROPOSED OUTFALL + SZA 4 PROPOSED 132V SUBMARINE CABLES 4 4 4 4 4 4 4 4 4 4 5 4 4 6 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level	Limit Leve	2]
	$\geq 8.0 \text{ mg/L}$	$\geq 10.0 \text{ mg/}$	
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	8.2 mg/L (F1A)	6.0 mg/L (C1A)	5.8 mg/L (B1)
	9.3 mg/L (CR1)	10.3  mg/L (C2A)	7.0 mg/L (B2)
	10.0 mg/L (CR2)	···· 8 (·· )	6.5 mg/L (B3)
			6.8 mg/L (B4)
			7.0 mg/L (H1)
			5.8 mg/L (M1)
Possible reason for Action or Limit Level Non-compliance	<ul> <li>Works scheduled on site on 19 Jan 2022 include diving works for levelling CLP cable trough unit foundation at Seawall B CH455 - CH466, diving works for installation of CLP cable trough unit at Seawall B CH455 - CH466, leveling of underlayer rock at Breakwater A CH720 - CH780, diving works for laying geotextile at Breakwater B CH0 - CH50, unloading ballast fill at Caisson No. 66 &amp; 71, installation of block work at marine access facility, infilling of caisson, landfilling works for below +6.00mPD, piling pre-drilling works, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, blockwork seawall and existing caisson extension.</li> <li>Dominant sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</li> <li>Exceedances of action level were found at F1A and CR1 and an exceedance of limit level was found at CR2.</li> </ul>		

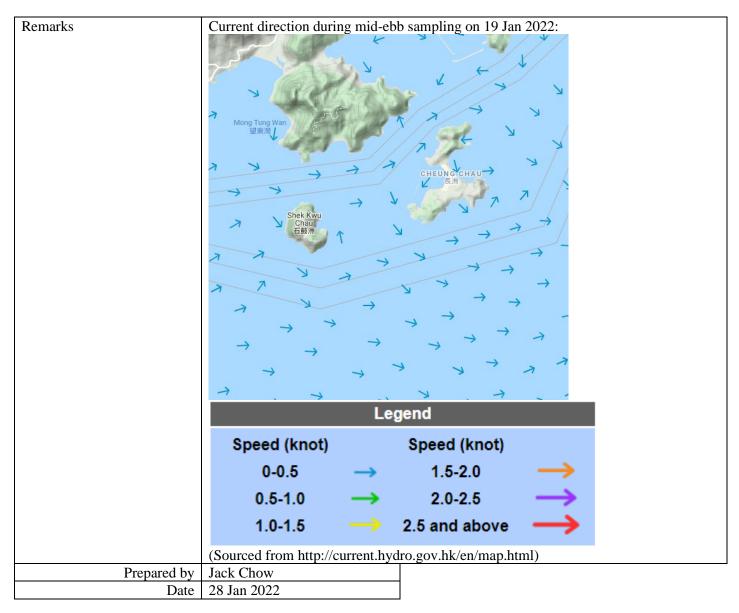
F1A is located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. The exceedance at this monitoring station is deemed to be unrelated to the Project.
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
CR1 and CR2 are located close to the works location within the Project site while no marine work was conducted on 19 Jan 2022.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was fine during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 18 and 25 Jan 2022.
After the investigation, the exceedances on 19 Jan 2022 at F1A, CR1 and CR2 are deemed to be unrelated to the Project.





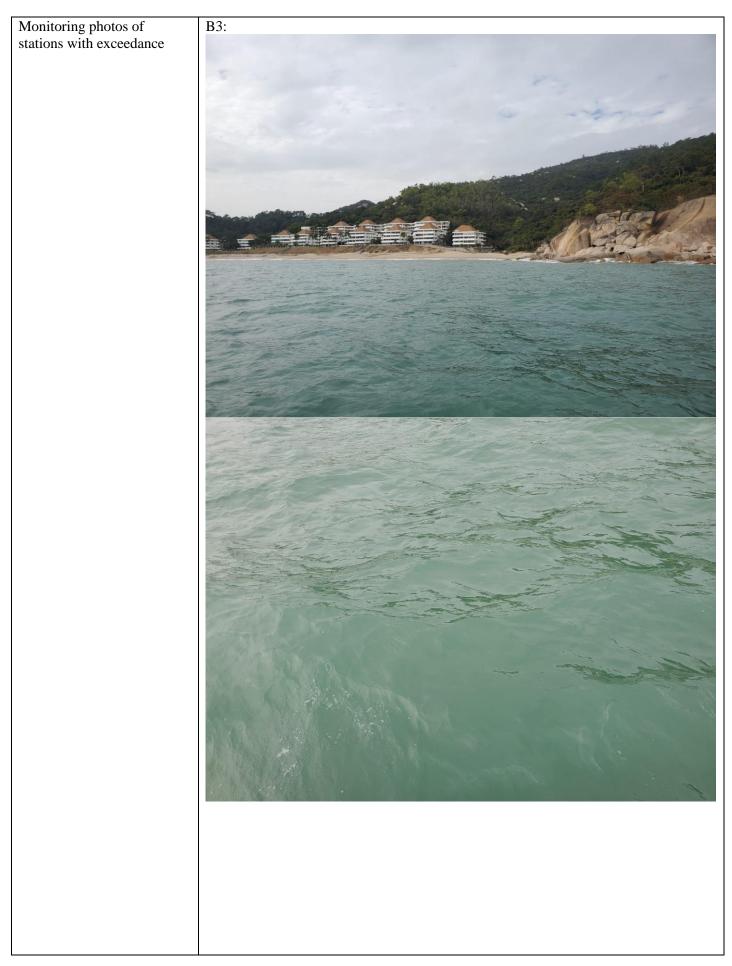
### Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1

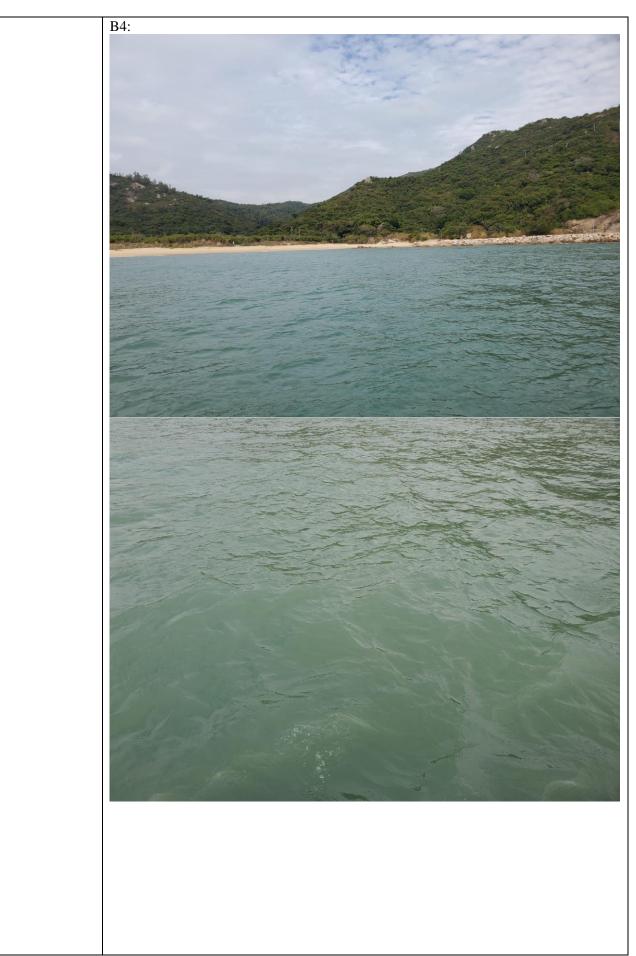


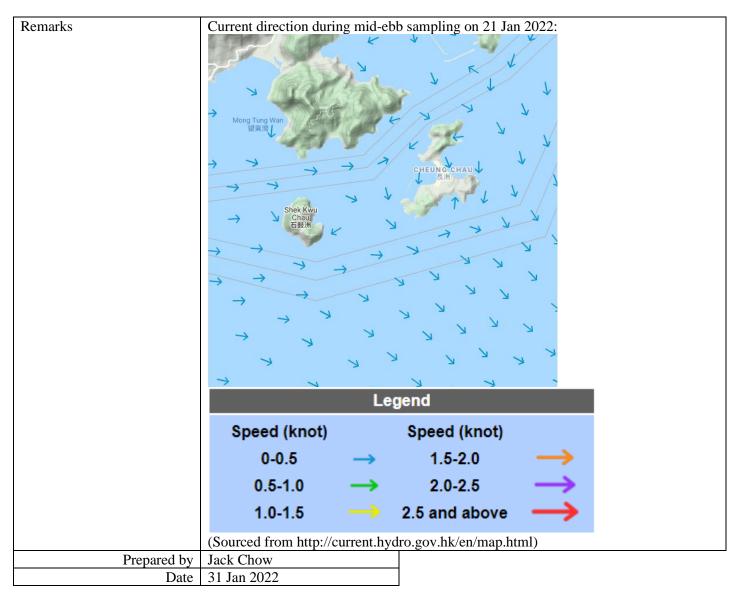


Project	Integrated Waste Managemer	nt Facilities, Phase 1	
Date	21 Jan 2022 (Lab result receiv		
Time	12:57 – 16:27 (Mid-Ebb)		
	Mid-Ebb		
Monitoring Location	B3, B4 B10 S1- C1A	B2 PROPOSED OUTFALL + SZA 4 PROPOSED 132V SUBMARINE CABLES + H SHEK KWU CHA CR2 S3 CR2 CR2 CR2 CR2 CR2 CR2 CR2 CR2	Key A PROPOSED 132KV SUBMARINE CABLE
Danamatan	Guerrandad Calid (CC)		
Parameter	Suspended Solid (SS)	т ::: т	1
Action & Limit Levels	Action Level $12.0 \text{ mg/L}$ (120% of C1A)	Limit Le	
Measurement Level	$\geq$ 13.0 mg/L (120% of C1A) Impact Station(s) of	Control Stations $\geq 14.0 \text{ m}$	g/L (130% of C1A) Impact Station(s) without
Weasurement Lever	Exceedance	Control Stations	Exceedance
	19.0 mg/L (B3)	10.8 mg/L (C1A)	7.5 mg/L (B1)
	13.5 mg/L (B4)	15.3 mg/L (C1A)	9.8 mg/L (B1)
	15.5 mg/L (D+)	15.5 mg/L (C2N)	9.8 mg/L (H1)
			12.8  mg/L (M1)
			12.3  mg/L (F1A)
			8.0 mg/L (CR1)
			7.7 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<ul> <li>Works scheduled on site on 21 Jan 2022 include leveling underlayer rock at Breakwater</li> <li>B CH 190 - CH200, diving works for leveling underlayer rock at Breakwater A CH1000</li> <li>- CH1020, loanding of Ballast fill at Caisson J4, installation of block work at marine access facility, landfilling works for below +6.00mPD, landfilling works for above +6.00mPD, piling pre-drilling works, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, blockwork seawall and existing caisson extension.</li> <li>Dominant sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</li> <li>An exceedance of limit level was found at B3 and an exceedance of action level was found at B4.</li> </ul>		

B3 and B4 are located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. The exceedances at these monitoring stations are deemed to be unrelated to the Project.
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was cloudy during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 18 and 25 Jan 2022.
After the investigation, the exceedances on 21 Jan 2022 at B3 and B4 are deemed to be unrelated to the Project.

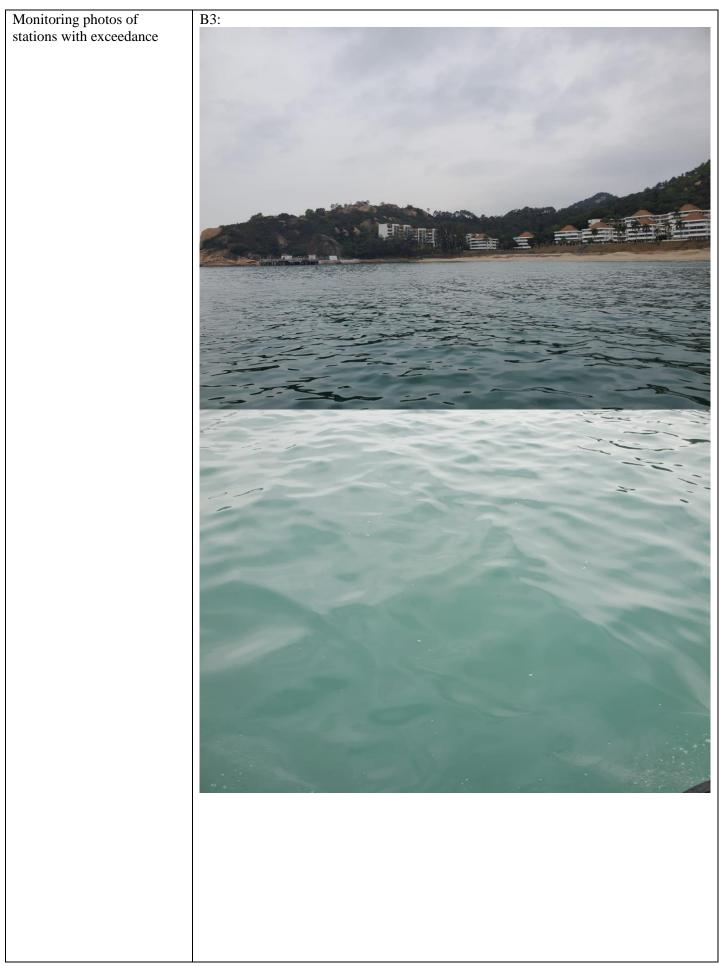


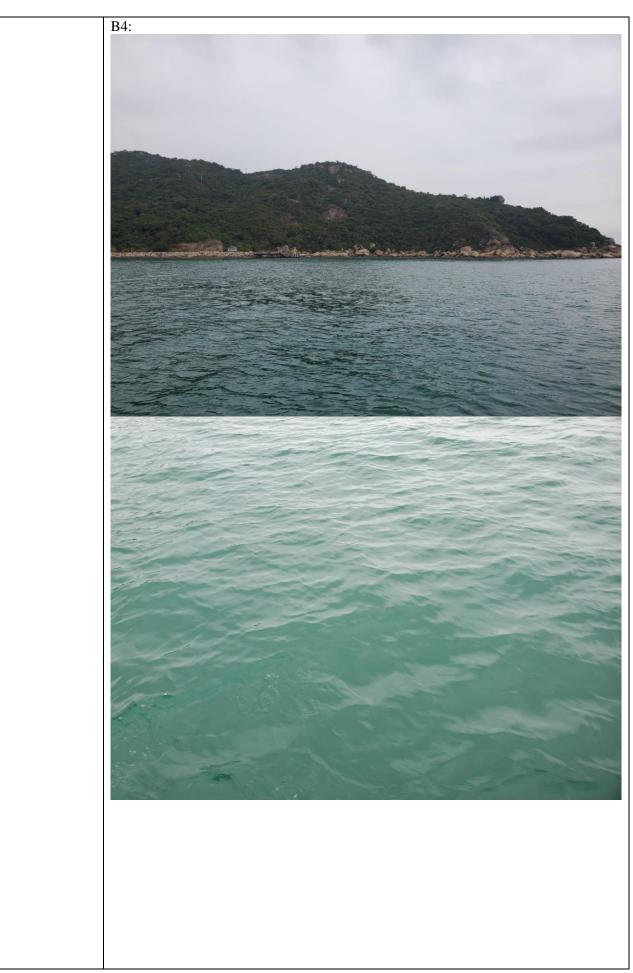


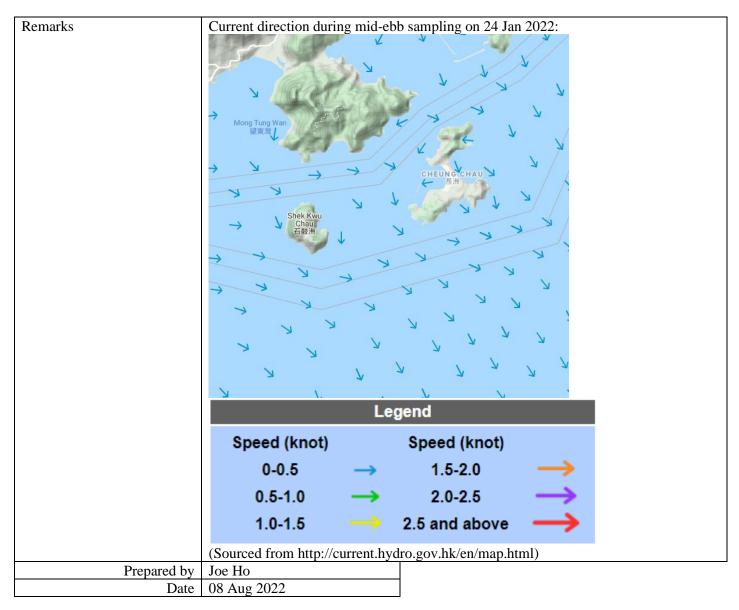


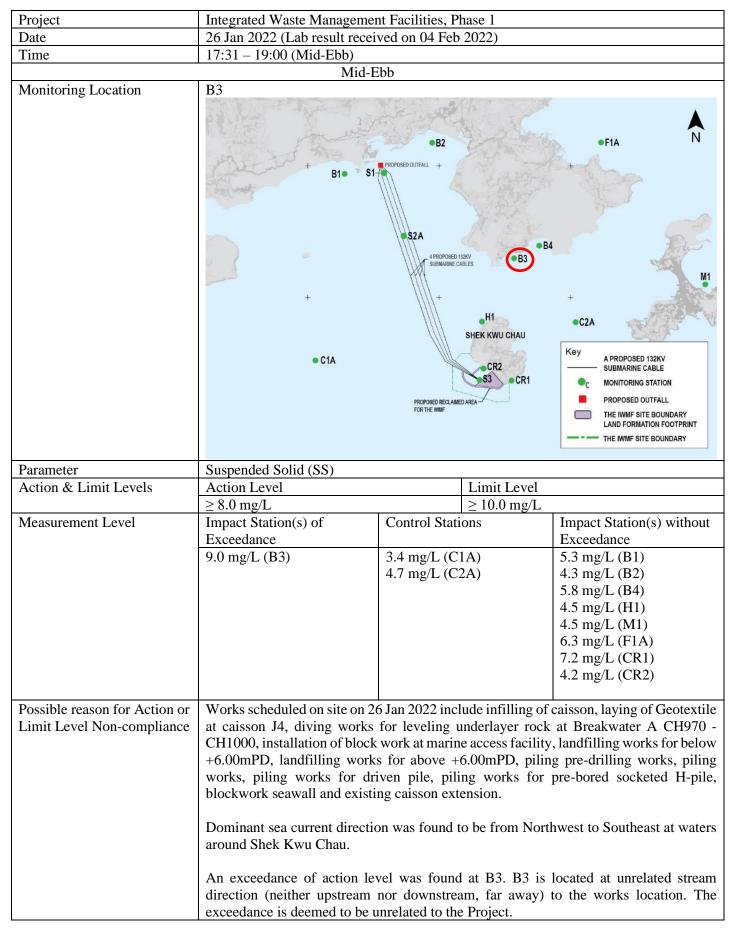
Project	Integrated Waste Managemer	nt Facilities, Phase 1	
Date	24 Jan 2022 (Lab result received on 31 Jan 2022)		
Time	15:15 – 18:45 (Mid-Ebb)		
	Mid-Ebb		
Monitoring Location	B3, B4 B10 S1- C1A	B2 PCPOSED OUTFALL + SZA 4 PROPOSED 132N 52A 4 PROPOSED 132N 52A 4 PROPOSED 132N 52A 4 PROPOSED 132N 52A 4 PROPOSED 132N 52A 52A 52A 52A 52A 52A 52A 52A	FIA FIA PEA PEA PEA PEA PEA PEA PEA PE
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level	Limit Leve	1
	$\geq$ 8.0 mg/L	$\geq 10.0 \text{ mg/}$	
Measurement Level	Impact Station(s) of Exceedance 12.0 mg/L (B3)	Control Stations 4.5 mg/L (C1A)	Impact Station(s) without Exceedance 4.8 mg/L (B1)
	8.3 mg/L (B4)	5.8 mg/L (C2A)	4.0 mg/L (B2) 5.8 mg/L (H1) 7.2 mg/L (M1) 4.5 mg/L (F1A) 5.3 mg/L (CR1) 5.5 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<ul> <li>Works scheduled on site on 24 Jan 2022 include infilling of Caisson, leveling underlayer rock at Breakwater B CH 190 - CH230, diving works for leveling underlayer rock at Breakwater A CH970 - CH1000, installation of block work at marine access facility, landfilling works for below +6.00mPD, landfilling works for above +6.00mPD, piling pre-drilling works, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, blockwork seawall and existing caisson extension.</li> <li>Dominant sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</li> </ul>		
	An exceedance of limit level was found at B3 and an exceedance of action level was found at B4. B3 and B4 are located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. Exceedances at these monitoring stations are deemed to be unrelated to the Project.		

The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was cloudy during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 18 and 25 Jan 2022.
After the investigation, the exceedances on 24 Jan 2022 at B3 and B4 are deemed to be unrelated to the Project.

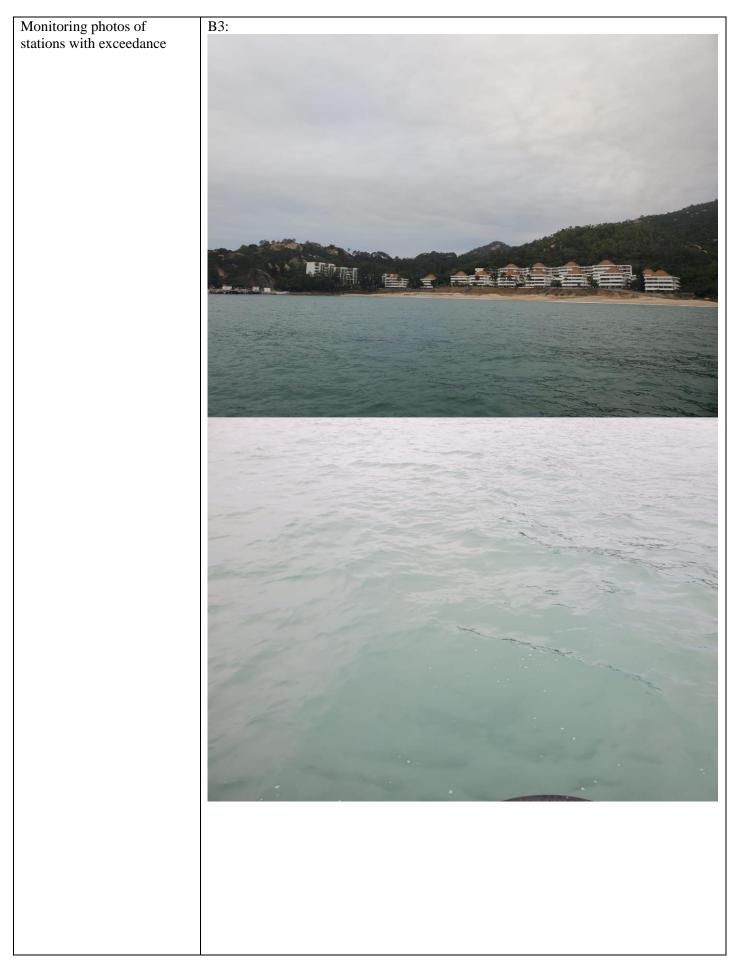


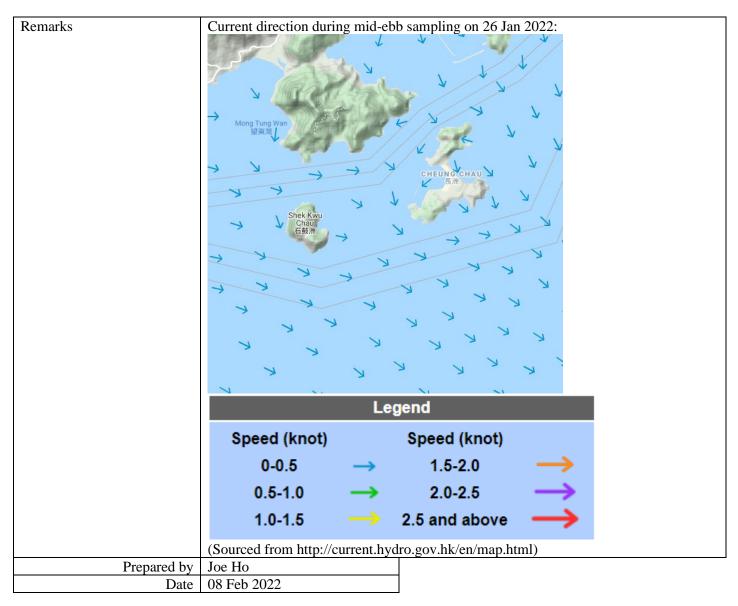






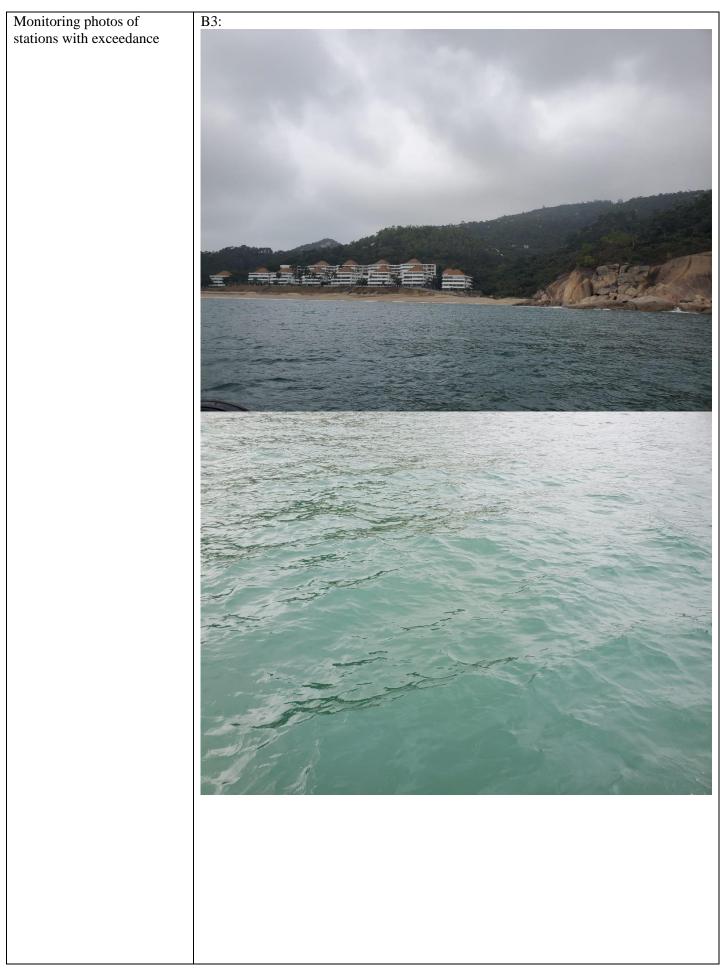
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was cloudy during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 25 Jan 2022.
After the investigation, the exceedance on 26 Jan 2022 at B3 is deemed to be unrelated to the Project.

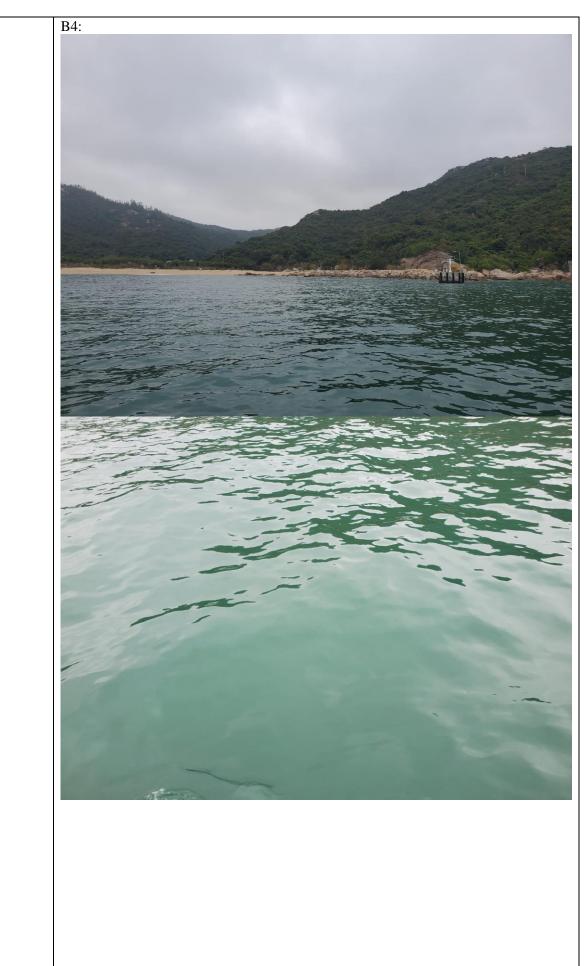


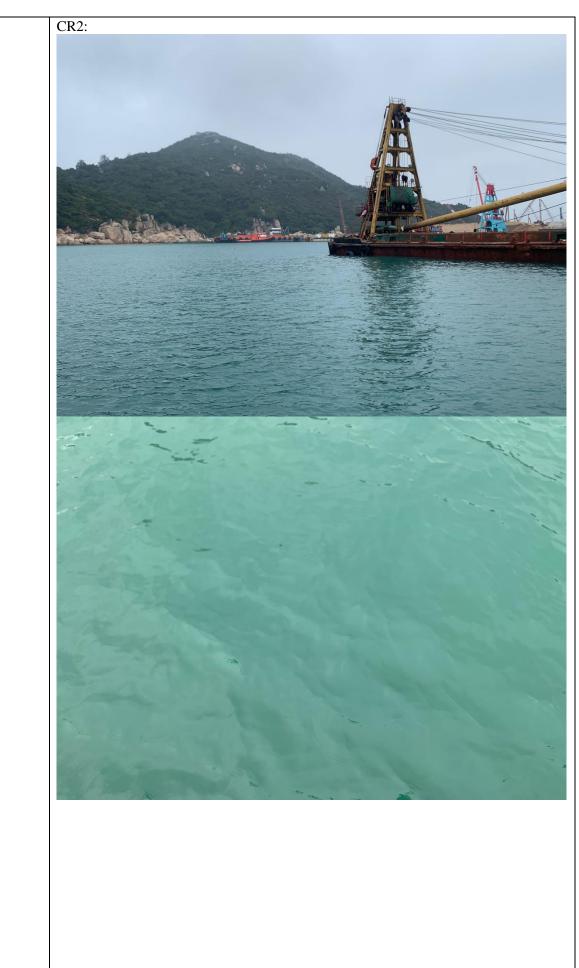


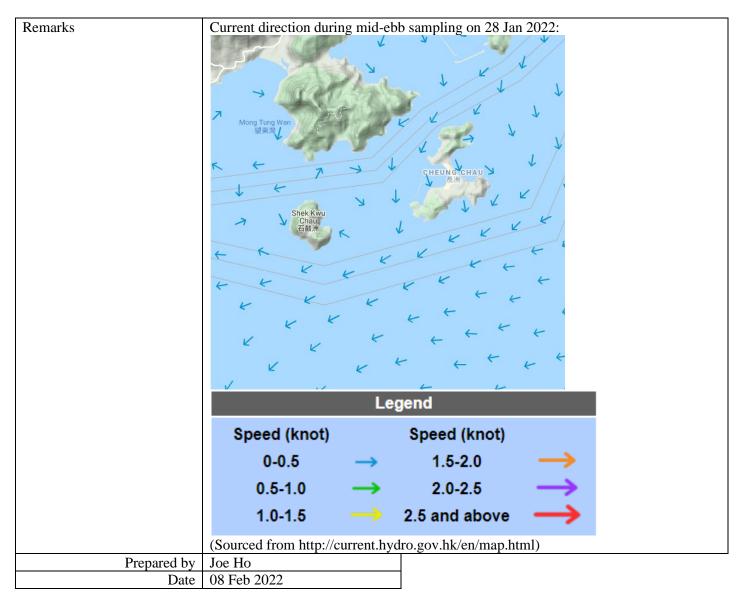
Project	Integrated Waste Managemer	nt Facilities Phase 1		
Date	Integrated Waste Management Facilities, Phase 1			
Time	28 Jan 2022 (Lab result received on 07 Feb 2022)			
Time	08:00 – 10:59 (Mid-Ebb)			
Monitoring Location	Mid-E	B2 PROPOSED OUTFALL + SUBMARINE CABLES H H SHEK KWU CHAU CR2 CR1 PROPOSED RECLAIMED AREA	FIA N FIA N N N N N N N N N N N N N	
Parameter	Suspended Solid (SS)	FOR THE WAIF	THE IWMF SITE BOUNDARY LAND FORMATION FOOTPRINT THE IWMF SITE BOUNDARY	
Action & Limit Levels	Action Level	Limit Level		
	$\geq$ 8.0 mg/L	$\geq 10.0 \text{ mg/L}$		
Measurement Level	Impact Station(s) of Exceedance 8.5 mg/L (B3) 8.0 mg/L (B4) 8.0 mg/L (CR2)	Control Stations 5.2 mg/L (C1A) 4.8 mg/L (C2A)	Impact Station(s) without Exceedance 5.5 mg/L (B1) 4.5 mg/L (B2) 6.5 mg/L (H1) 6.2 mg/L (M1) 6.2 mg/L (F1A) 5.5 mg/L (CR1)	
Possible reason for Action or Limit Level Non-compliance	<ul> <li>Works scheduled on site on 28 Jan 2022 include infilling of caisson, laying of underlayer rock at CH190 – CH230, diving works for leveling underlayer rock at Breakwater A CH950 - CH980, installation of block work at marine access facility, landfilling works for below +6.00mPD, landfilling works for above +6.00mPD, piling pre-drilling works, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, blockwork seawall and existing caisson extension.</li> <li>Dominant sea current direction was found to be from Northeast to Southwest at waters around Shek Kwu Chau.</li> <li>Exceedances of action level were found at B3, B4 and CR2. B3 and B4 are located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. Exceedances at these monitoring stations are deemed to be unrelated to the Project.</li> </ul>			

CR2 is located close to the works location within the Project site while no marine work was conducted on 28 Jan 2022
The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was cloudy during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 25 Jan 2022.
After the investigation, the exceedances on 28 Jan 2022 at B3, B4 and CR2 are deemed to be unrelated to the Project.









Project	Integrated Waste Managemen	nt Facilities, Phase 1	
Date	30 Jan 2022 (Lab result received on 08 Feb 2022)		
Time	14:16 – 17:46 (Mid-Flood)		
	Mid-Fl	lood	
Monitoring Location	CR1 B10 S1 +	B2 PROPOSED OUTFAIL SZA PROPOSED ISAY BUBMARINE CABLES B B B B B B CRC B C CRC B C CRC B CRC B CRC B CRC B CRC B CRC B CRC B CRC B CRC B C CRC B C C C C	FIA FIA FIA PA PA PA PA PA PA PA PA PA P
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level	Limit Level	
	$\geq$ 8.0 mg/L	$\geq 10.0 \text{ mg/L}$	
Measurement Level	Impact Station(s) of Exceedance 11.8 mg/L (CR1)	Control Stations 6.7 mg/L (C1A) 4.0 mg/L (C2A)	Impact Station(s) without Exceedance 3.1 mg/L (B1) 3.3 mg/L (B2) 3.5 mg/L (B3) 4.8 mg/L (B4) 4.0 mg/L (H1) 4.2 mg/L (M1) 3.8 mg/L (F1A) 6.5 mg/L (CR2)
Possible reason for Action or Limit Level Non-complianceNo site activity was recorded due to pDominant sea current direction was for around Shek Kwu Chau.Dominant sea current direction was for around Shek Kwu Chau.Exceedance of limit level was found a CR1 is located close to the works loca was conducted on 30 Jan 2022CR1 is located close to the works loca was enclosed.		on was found to be from Sou as found at CR1. Forks location within the Proj. 22	theast to Northwest at waters ect site while no marine work

