

## Appendix N Exceedance Report

## Statistical Summary of Exceedances in the Reporting Period

Water Quality (Regular Monitoring)			
Location	Action Level	Limit Level	Total
B1	2	2	4
B2	1	1	2
B3	0	1	1
B4	1	0	1
CR1	1	1	2
CR2	1	1	2
F1A	1	0	1
H1	0	0	0
S1	Not applicable		
S2A	Not applicable		
S3	Not applicable		
M1	2	1	3

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 (Night Time)			
Location	Action Level	Limit Level	Total
M1	0	0	0
M2	0	0	0
M3	0	0	0

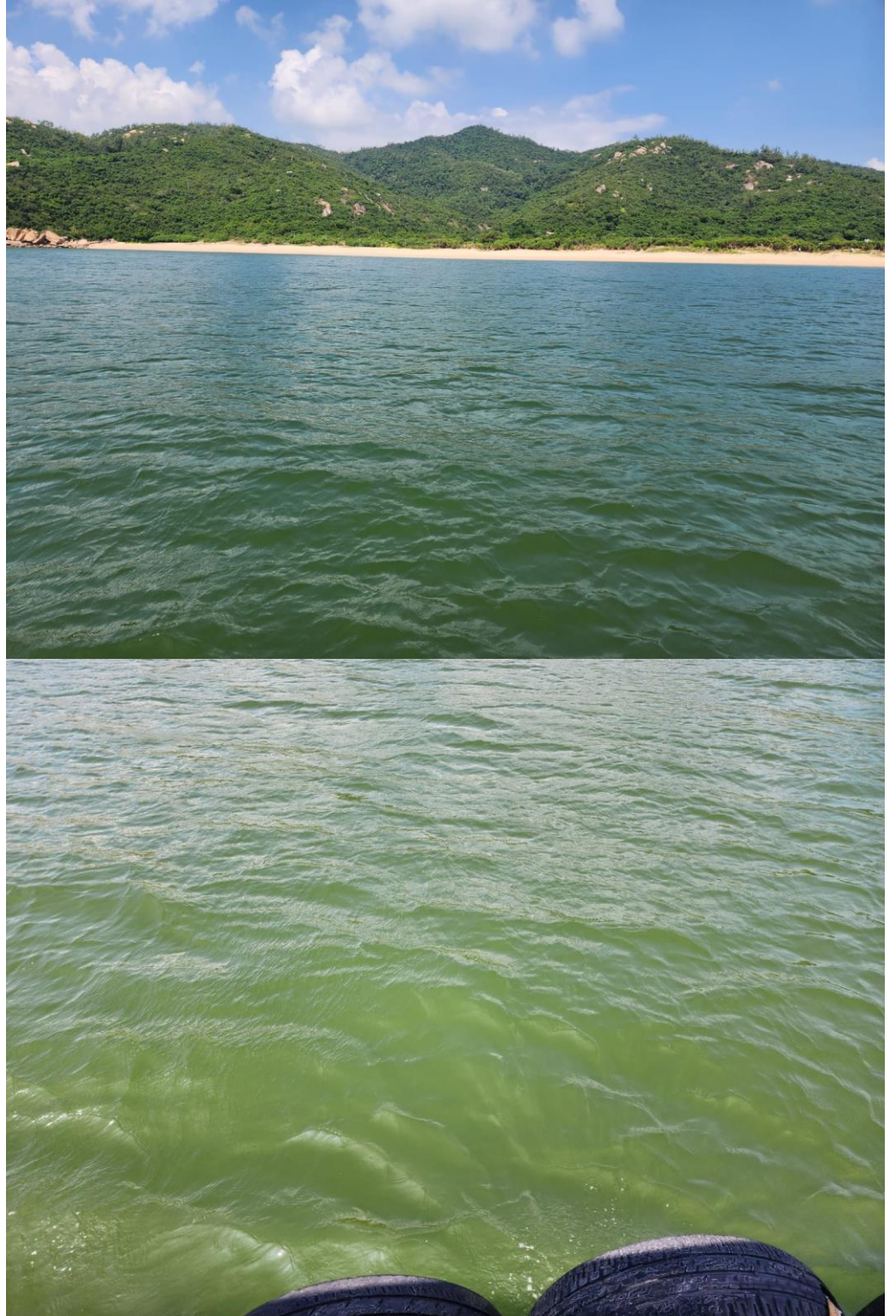
**Incident Report on Action Level or Limit Level Non-compliance**

Project	Integrated Waste Management Facilities, Phase 1		
Date	05 October 2022 (Lab result received on 12 October 2022)		
Time	08:43 – 12:13 (Mid-Ebb)		
Mid-Ebb			
Monitoring Location	<p>B4</p>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 8.0 mg/L		≥ 10.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	8.8 mg/L (B4)	2.8 mg/L (C1A) 2.6 mg/L (C2A)	2.6 mg/L (B1) 2.6 mg/L (B2) 3.4 mg/L (B3) 2.6 mg/L (F1A) 3.8 mg/L (H1) 2.6 mg/L (M1) 2.8 mg/L (CR1) 2.5 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 05 Oct 2022 include laying of 900kg underlayer rocks at Breakwater seaside between CH1100 - CH1120, laying of 900kg underlayer rocks at Breakwater landside between CH750 - CH850, laying of 500kg armour rocks at Breakwater at CH750, installation of stoppers at Breakwater landside between CH1000 - CH1120, 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, pile cap construction, blockwork seawall and existing caisson extension, Process Building construction works.</p> <p>Dominant sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</p>		

	<p>An exceedance of action level was found at B4. B4 is located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. The exceedance is deemed to be unrelated to the Project.</p> <p>The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.</p> <p>According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was sunny during the sampling event.</p> <p>No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 05 October 2022.</p> <p>After the investigation, the exceedance on 05 October 2022 at B4 is deemed to be unrelated to the Project.</p>
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Monitoring photos of  
stations with exceedance

B4:

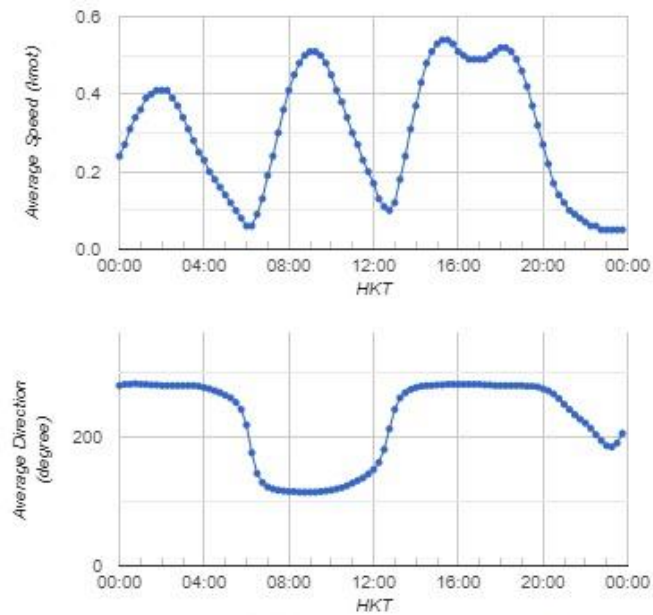


Remarks

Current direction during mid-ebb sampling on 05 October 2022:

HKT	2022-10-05 09:30		<b>UPDATE</b>
Date & Time	2022-10-05 09:30		
Prediction Mode	Average	<b>Change Mode</b>	
Position (WGS84)	22 - 11.017 N / 113 - 59.24 E		
Speed:	0.50 knot(s)		
Direction:	115 °(TN)		

24-hour Tidal Stream's Speed & Direction  
 2022-10-05



	<b>Legend</b>								
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Speed (knot)</th> <th style="text-align: left; padding: 5px;">Speed (knot)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">0-0.5       →</td> <td style="padding: 5px;">1.5-2.0       →</td> </tr> <tr> <td style="padding: 5px;">0.5-1.0       →</td> <td style="padding: 5px;">2.0-2.5       →</td> </tr> <tr> <td style="padding: 5px;">1.0-1.5       →</td> <td style="padding: 5px;">2.5 and above       →</td> </tr> </tbody> </table>		Speed (knot)	Speed (knot)	0-0.5       →	1.5-2.0       →	0.5-1.0       →	2.0-2.5       →	1.0-1.5       →
Speed (knot)	Speed (knot)								
0-0.5       →	1.5-2.0       →								
0.5-1.0       →	2.0-2.5       →								
1.0-1.5       →	2.5 and above       →								
(Sourced from <a href="http://current.hydro.gov.hk/en/map.html">http://current.hydro.gov.hk/en/map.html</a> )									
Prepared by	Jack Chow								
Date	21 October 2022								



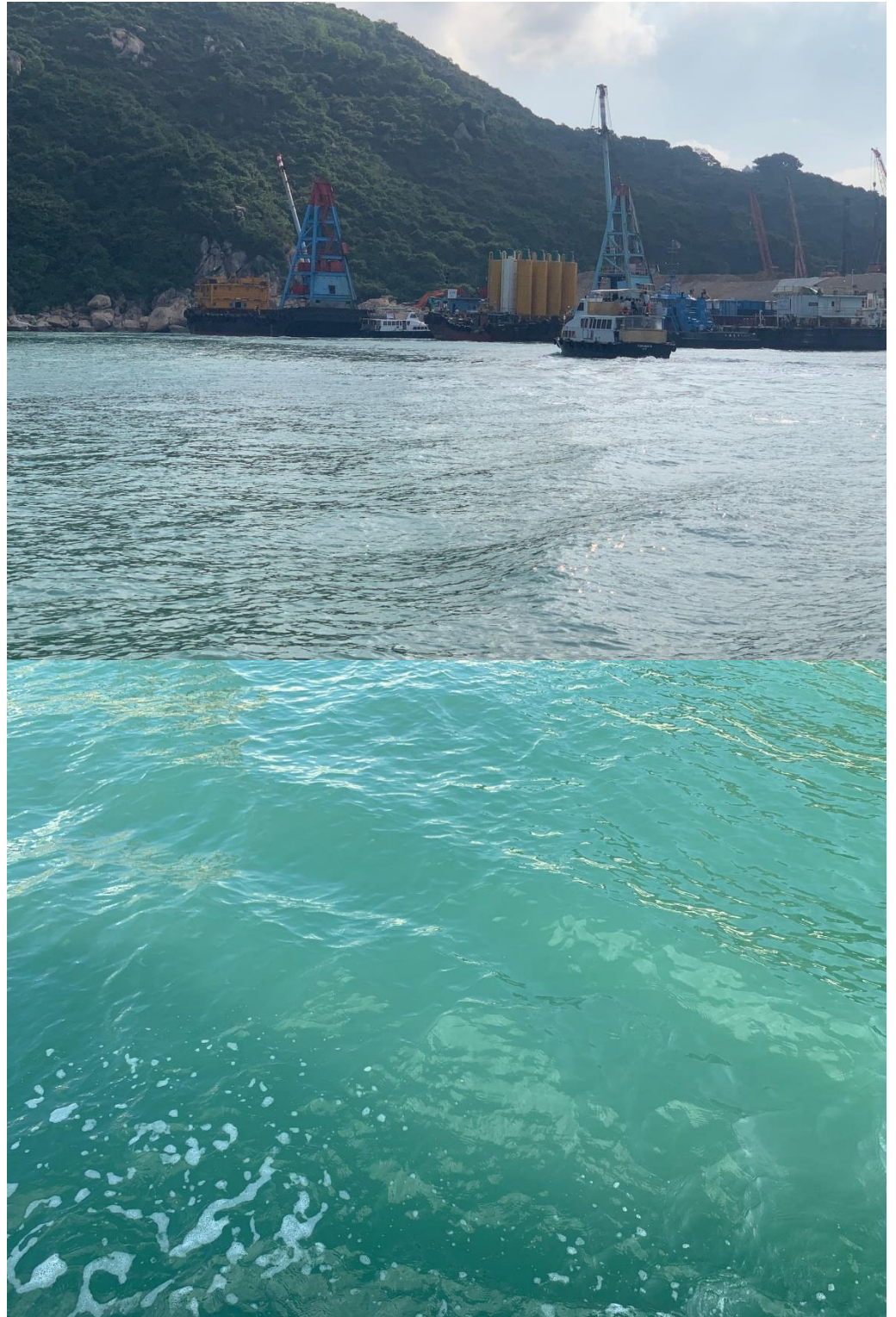
**Incident Report on Action Level or Limit Level Non-compliance**

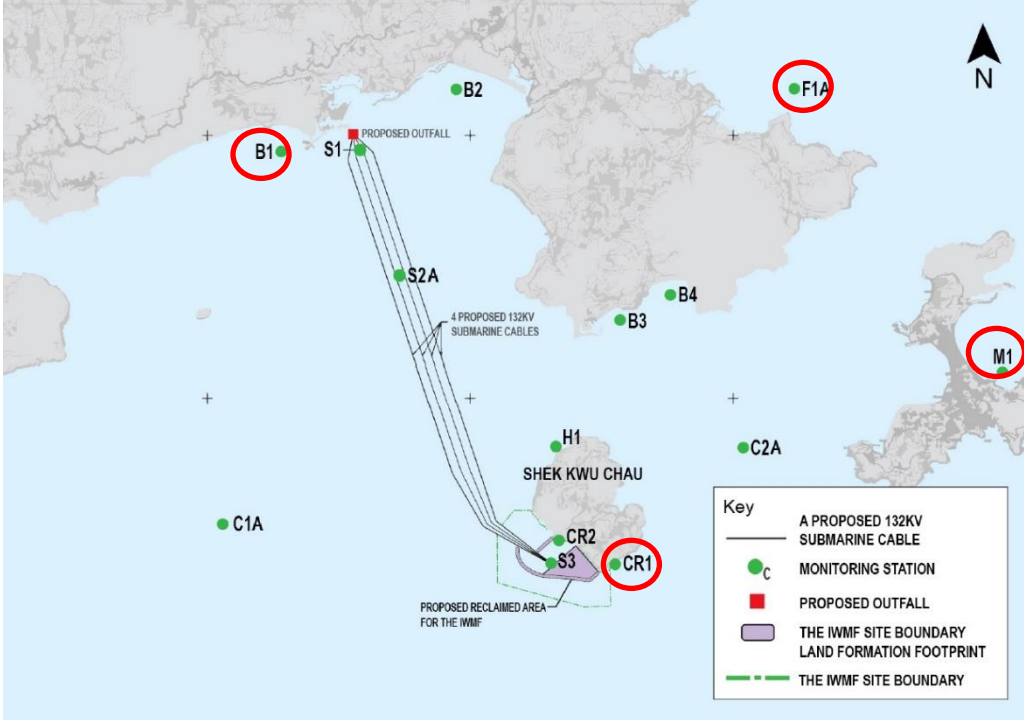
Project	Integrated Waste Management Facilities, Phase 1		
Date	14 Oct 2022 (Lab result received on 20 Oct 2022)		
Time	08:00 – 11:02 (Mid-Flood) 12:54 – 16:24 (Mid-Ebb)		
Mid-Flood			
Monitoring Location	<p>CR2</p>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 8.0 mg/L		≥ 10.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	9.5 mg/L (CR2)	11.3 mg/L (C1A) 3.8 mg/L (C2A)	7.3 mg/L (B1) 6.5 mg/L (B2) 6.3 mg/L (B3) 5.5 mg/L (B4) 5.4 mg/L (M1) 4.8 mg/L (F1A) 6.1 mg/L (H1) 4.3 mg/L (CR1)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 14 Oct 2022 include weighing of 2.5T armour rocks at Breakwater A and B, laying of 2.5T armour rocks at Breakwater seaside between CH190 - CH220, installation of Chinese pods between Caisson No.58 and No.60, installation of stoppers at Breakwater landside between CH720 - CH800, landfilling works for above +6.00mPD, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, pile cap construction, blockwork seawall and existing caisson extension, Process Building construction works.</p> <p>Dominant sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.</p> <p>An exceedance of action level was found at CR2.</p>		

	<p>The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.</p> <p>According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was sunny during the sampling event.</p> <p>No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 11 October 2022.</p> <p>After the investigation, the exceedance on 14 October 2022 at CR2 is deemed to be unrelated to the Project.</p>
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Monitoring photos of  
stations with exceedance

CR2:



Mid-Ebb			
Monitoring Location	B1, F1A, M1, CR1 		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 8.0 mg/L		≥ 10.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	10.8 mg/L (B1) 8.0 mg/L (F1A) 10.3 mg/L (M1) 10.5 mg/L (CR1)	4.9 mg/L (C1A) 3.2 mg/L (C2A)	4.3 mg/L (B2) 4.4 mg/L (B3) 4.6 mg/L (B4) 2.8 mg/L (H1) 6.8 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 14 Oct 2022 include weighing of 2.5T armour rocks at Breakwater A and B, laying of 2.5T armour rocks at Breakwater seaside between CH190 - CH220, installation of Chinese pods between Caisson No.58 and No.60, installation of stoppers at Breakwater landside between CH720 - CH800, landfilling works for above +6.00mPD, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, pile cap construction, blockwork seawall and existing caisson extension, Process Building construction works.</p> <p>Dominant sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</p> <p>An exceedance of action level was found at F1A, and exceedances of limit level were found at B1, M1 and CR1.</p> <p>B1, M1 and F1A are located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. Exceedances are deemed to be unrelated to the Project.</p> <p>The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.</p>		

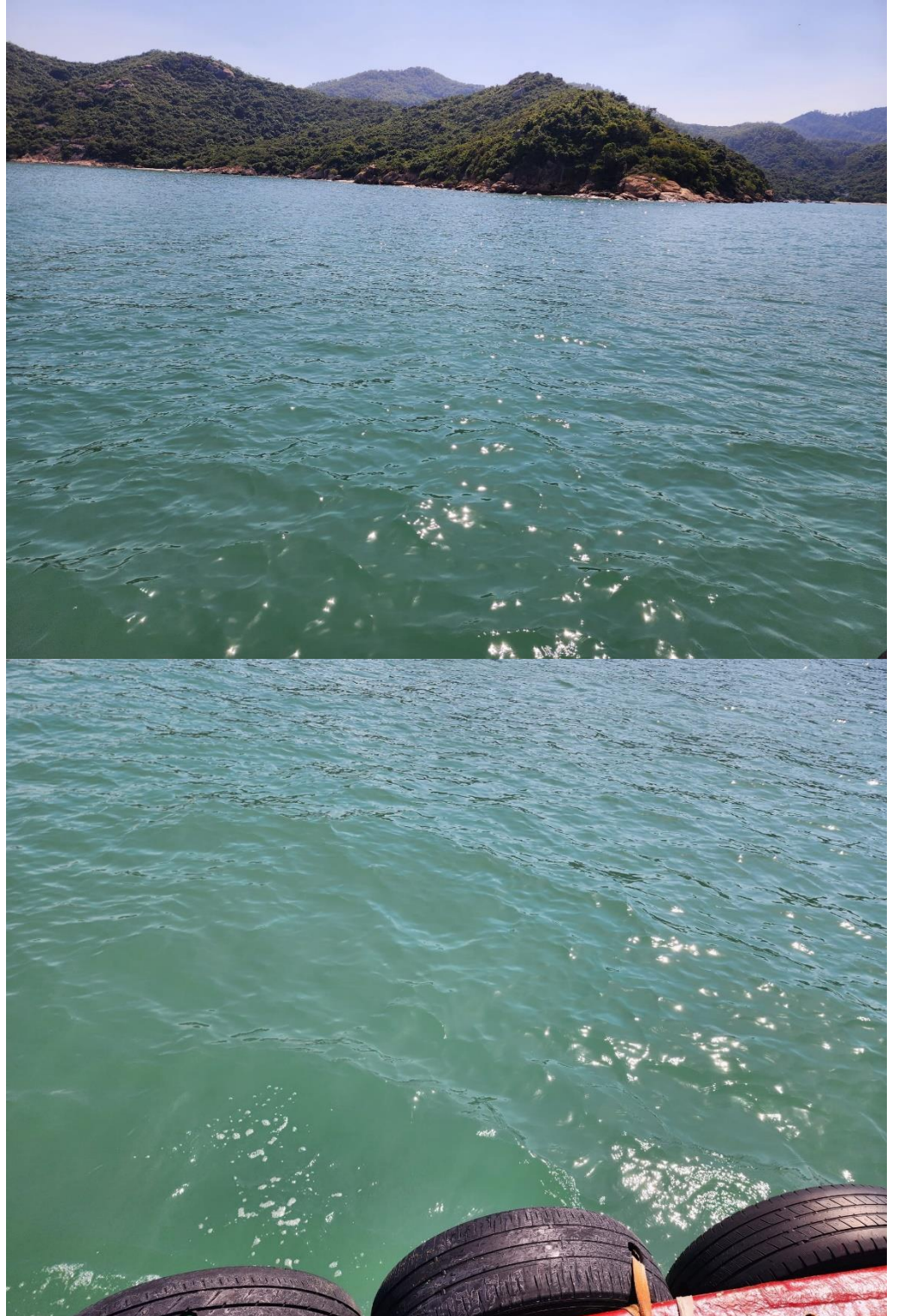
	<p>According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was sunny during the sampling event.</p> <p>No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly inspection on 11 October 2022.</p> <p>After the investigation, the exceedances on 14 October 2022 at B1, F1A, M1 and CR1 are deemed to be unrelated to the Project.</p>
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Monitoring photos of  
stations with exceedance

B1:



F1A:

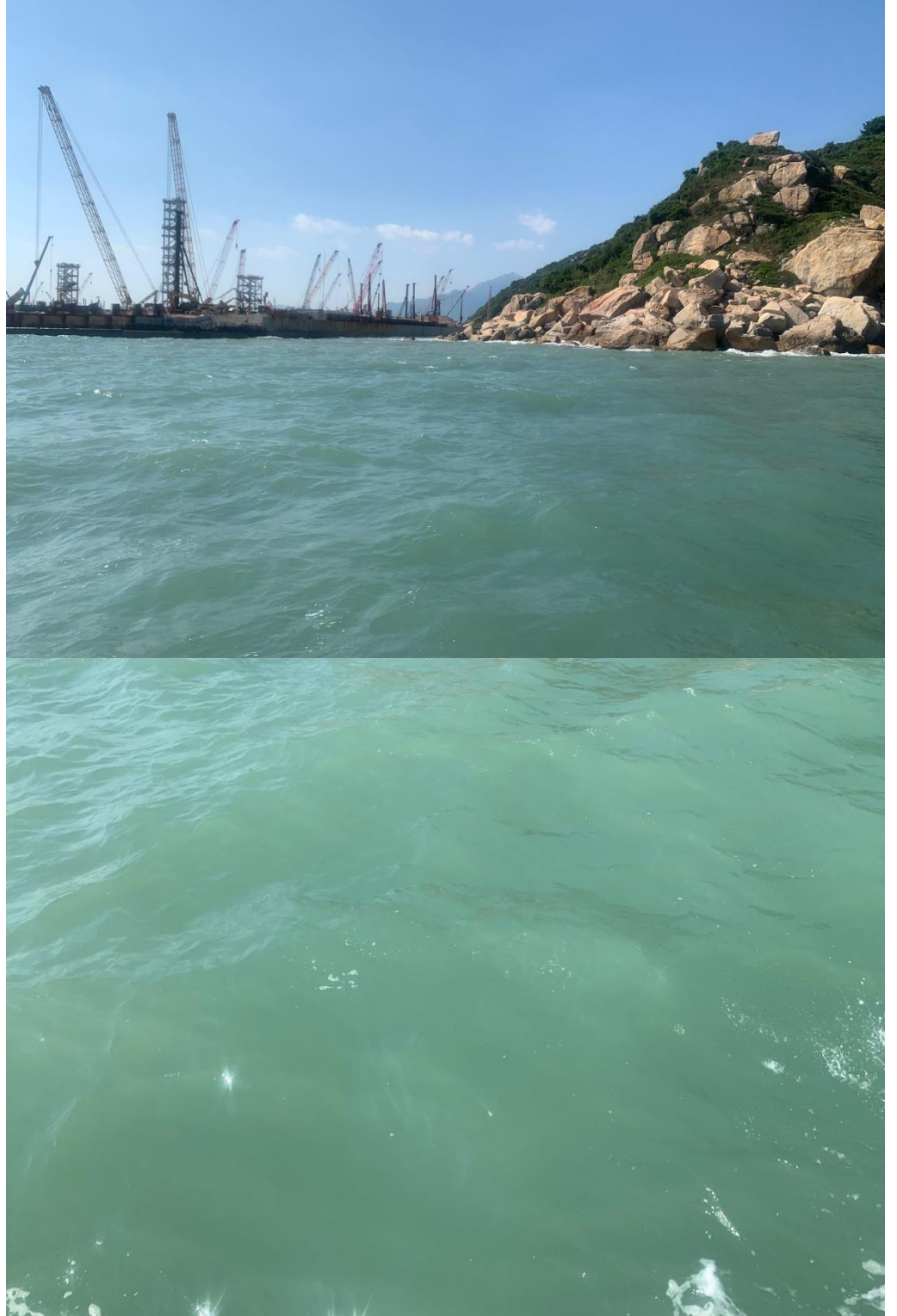


M1:





CR1:

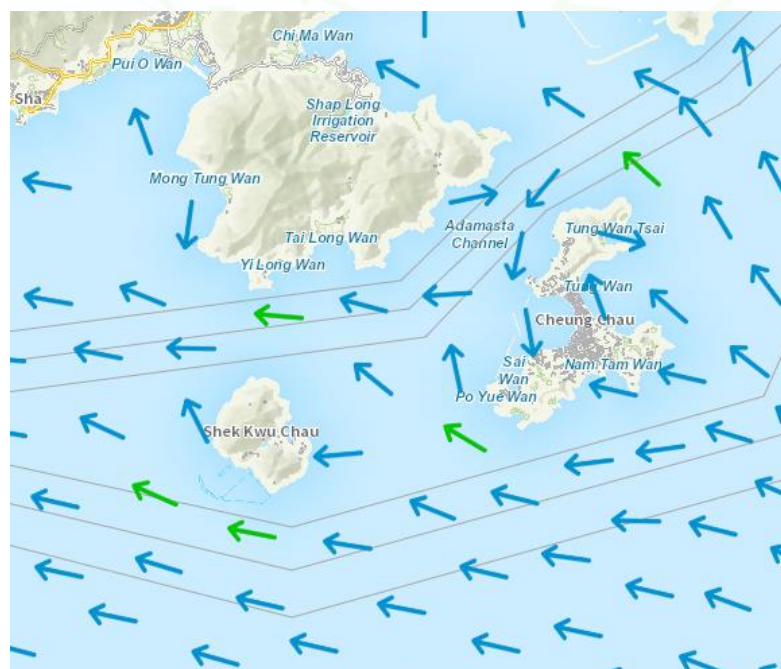
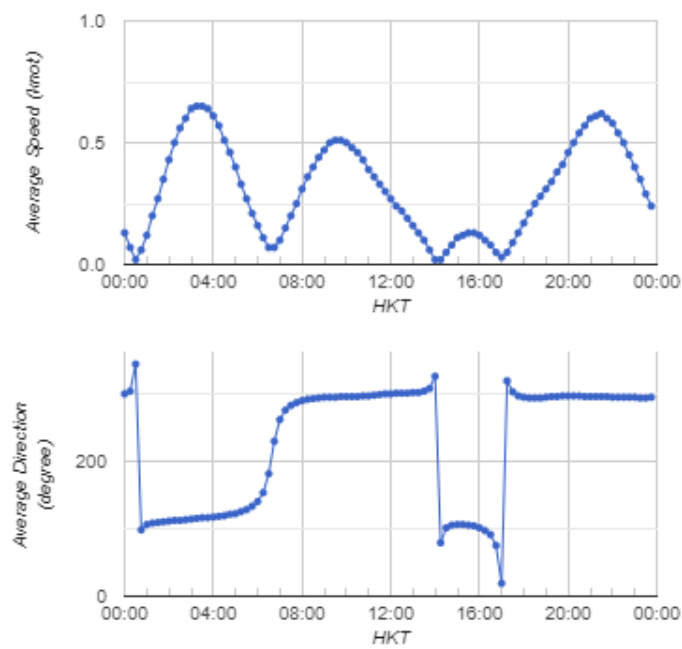


Remarks

Current direction during mid-flood sampling on 14 Oct 2022:

HKT	2022-10-14 09:30		<b>UPDATE</b>
Date & Time	2022-10-14 09:30		
Prediction Mode	Average	<b>Change Mode</b>	
Position (WGS84)	22 - 11.28 N / 113 - 58.49 E		
Speed:	0.51 knot(s)		
Direction:	294 °(TN)		

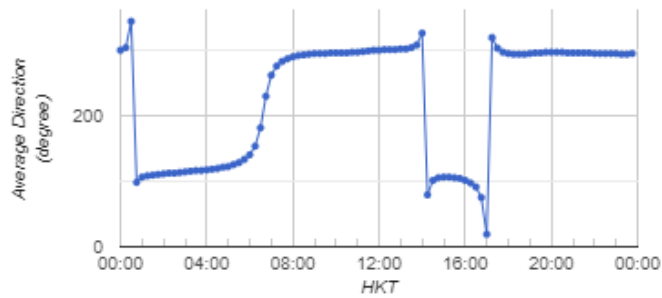
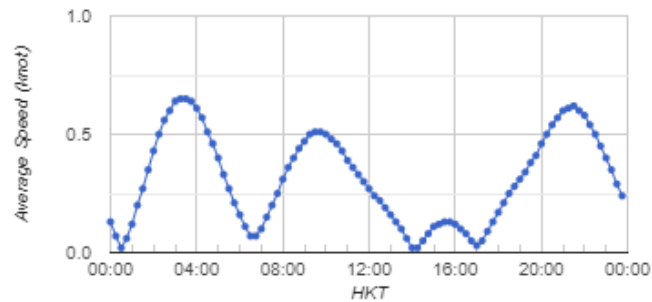
24-hour Tidal Stream's Speed & Direction  
 2022-10-14



Current direction during mid-ebb sampling on 14 Oct 2022:

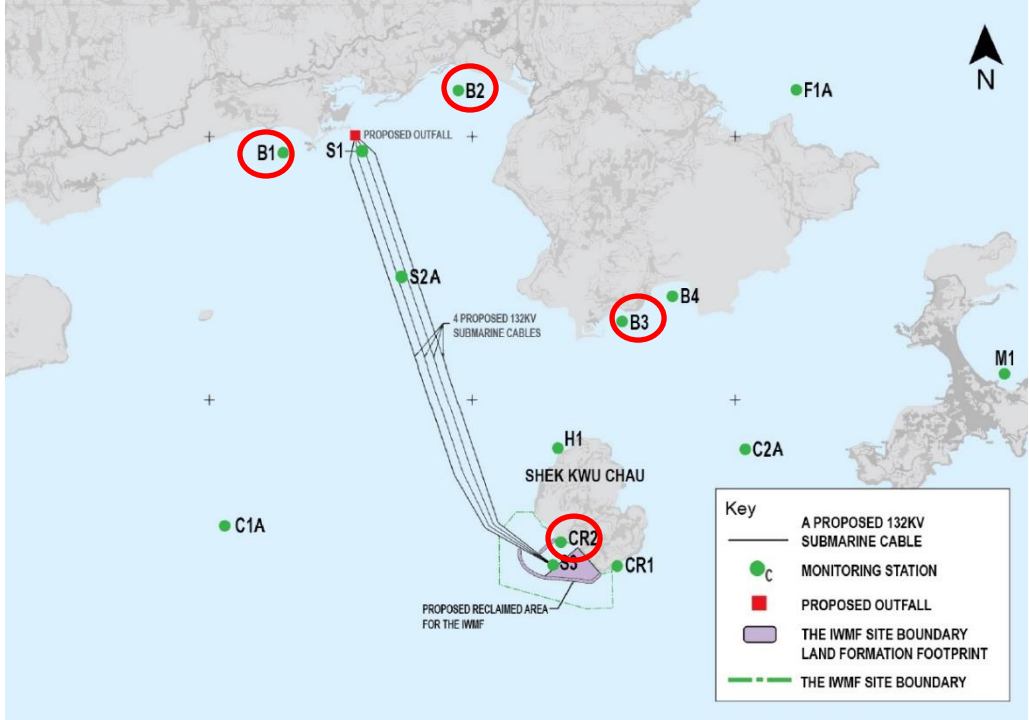
HKT	2022-10-14 14:30		<b>UPDATE</b>
Date & Time	2022-10-14 14:30		
Prediction Mode	Average	<b>Change Mode</b>	
Position (WGS84)	22 - 11.28 N / 113 - 58.49 E		
Speed:	0.05 knot(s)		
Direction:	101 °(TN)		

24-hour Tidal Stream's Speed & Direction  
2022-10-14



	<b>Legend</b>								
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Speed (knot)</th> <th style="text-align: left; padding: 5px;">Speed (knot)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">0-0.5       →</td> <td style="padding: 5px;">1.5-2.0       →</td> </tr> <tr> <td style="padding: 5px;">0.5-1.0       →</td> <td style="padding: 5px;">2.0-2.5       →</td> </tr> <tr> <td style="padding: 5px;">1.0-1.5       →</td> <td style="padding: 5px;">2.5 and above       →</td> </tr> </tbody> </table>	Speed (knot)	Speed (knot)	0-0.5       →	1.5-2.0       →	0.5-1.0       →	2.0-2.5       →	1.0-1.5       →	2.5 and above       →
Speed (knot)	Speed (knot)								
0-0.5       →	1.5-2.0       →								
0.5-1.0       →	2.0-2.5       →								
1.0-1.5       →	2.5 and above       →								
(Sourced from <a href="http://current.hydro.gov.hk/en/map.html">http://current.hydro.gov.hk/en/map.html</a> )									
Prepared by	Jack Chow								
Date	21 Oct 2022								

**Incident Report on Action Level or Limit Level Non-compliance**

Project	Integrated Waste Management Facilities, Phase 1		
Date	17 October 2022 (Lab result received on 26 October 2022)		
Time	08:00 – 09:24 (Mid-Ebb)		
Mid-Ebb			
Monitoring Location	B1, B2, B3, CR2 		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 17.4 mg/L (120% of C1A)		≥ 18.9 mg/L (130% of C1A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	17.5 mg/L (B1) 24.3 mg/L (B2) 21.3 mg/L (B3) 21.3 mg/L (CR2)	14.5 mg/L (C1A) 14.7 mg/L (C2A)	17.3 mg/L (B4) 17.3 mg/L (F1A) 13.8 mg/L (H1) 16.3 mg/L (M1) 10.0 mg/L (CR1)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 17 Oct 2022 include landfilling works for above +6.00mPD, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, pile cap construction, blockwork seawall and existing caisson extension and Process Building construction works.</p> <p>Dominant sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</p> <p>An exceedance of action level was found at B1, and exceedances of limit level were found at B2, B3 and CR2.</p> <p>B1, B2 and B3 were located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. The exceedance is deemed to be unrelated to the Project.</p>		

	<p>The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.</p> <p>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.</p> <p>No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the site weekly inspection on 20 October 2022.</p> <p>After the investigation, the exceedances on 17 October 2022 at B1, B2, B3 and CR2 are deemed to be unrelated to the Project.</p>
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Monitoring photos of  
stations with exceedance

B1:

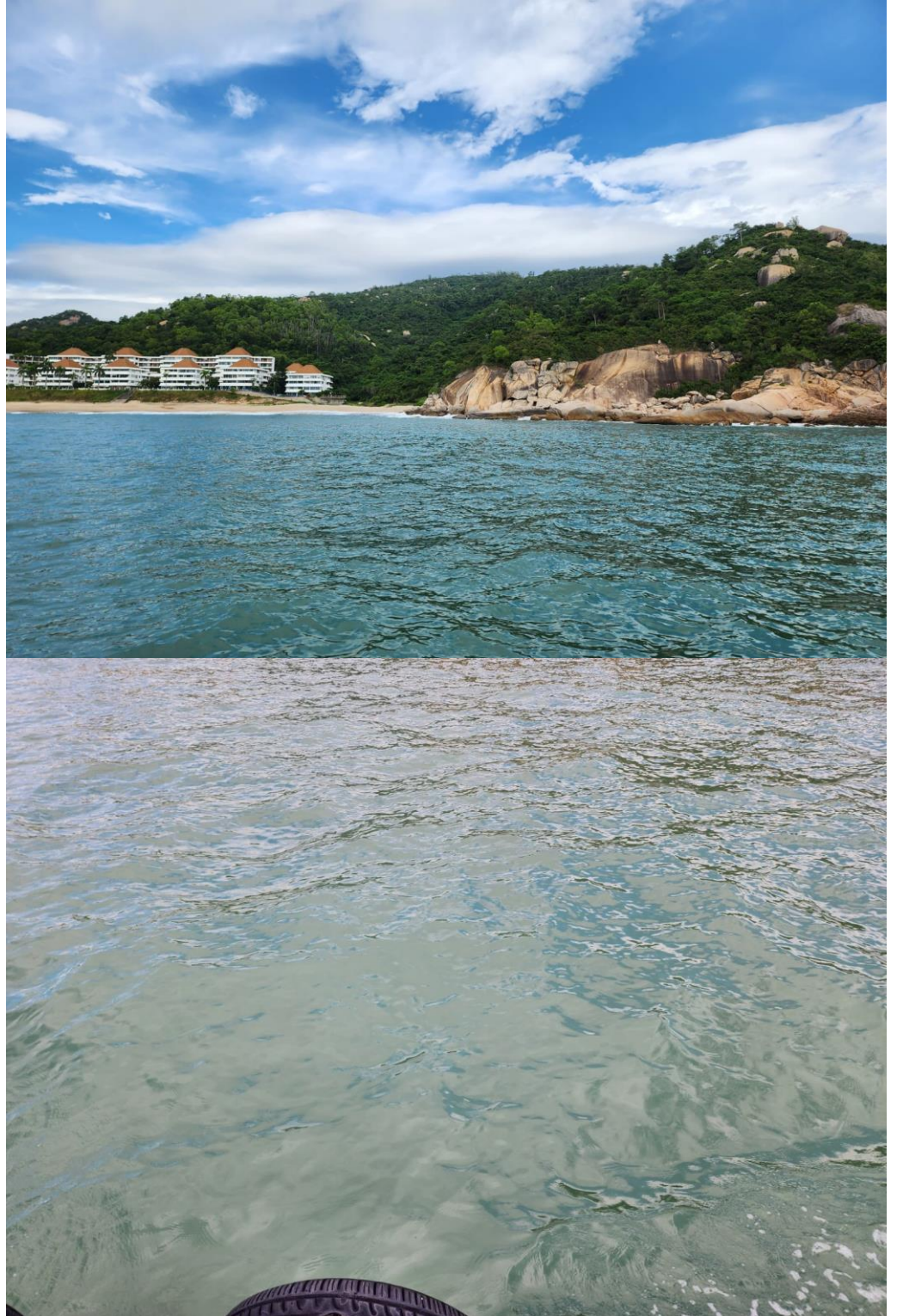


B2:





B3:



CR2:

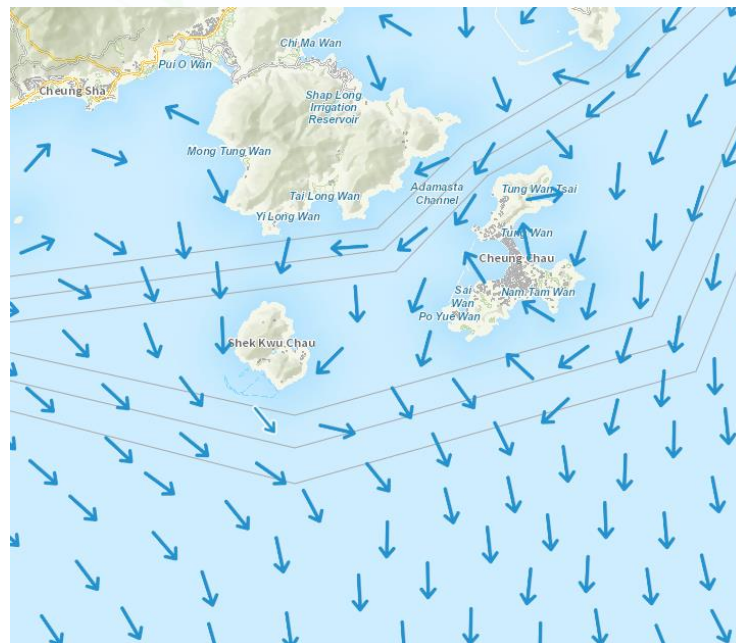
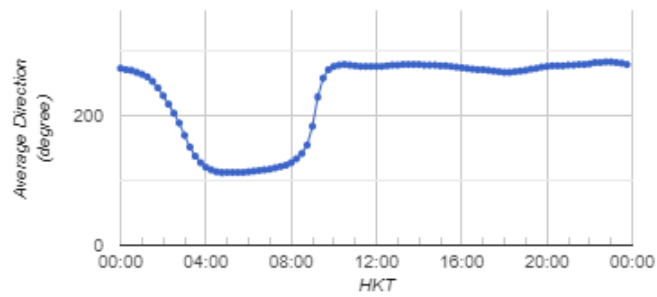
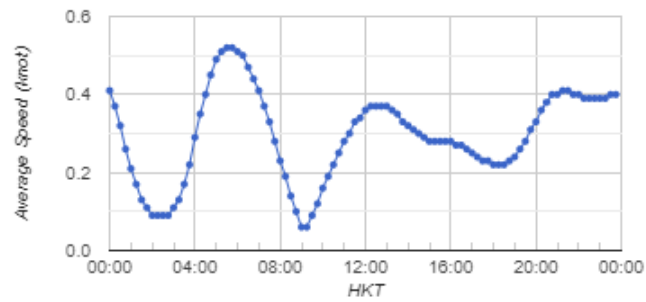


Remarks

Current direction during mid-ebb sampling on 17 October 2022:

HKT	2022-10-17 08:30		<b>UPDATE</b>
Date & Time	2022-10-17 08:30		
Prediction Mode	Average	<b>Change Mode</b>	
Position (WGS84)	22 - 11.017 N / 113 - 59.24 E		
Speed:	0.14 knot(s)		
Direction:	141 °(TN)		

24-hour Tidal Stream's Speed & Direction  
 2022-10-17



	<b>Legend</b>								
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Speed (knot)</th> <th style="text-align: left; padding: 5px;">Speed (knot)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">0-0.5       →</td> <td style="padding: 5px;">1.5-2.0       →</td> </tr> <tr> <td style="padding: 5px;">0.5-1.0     →</td> <td style="padding: 5px;">2.0-2.5       →</td> </tr> <tr> <td style="padding: 5px;">1.0-1.5     →</td> <td style="padding: 5px;">2.5 and above  →</td> </tr> </tbody> </table>	Speed (knot)	Speed (knot)	0-0.5       →	1.5-2.0       →	0.5-1.0     →	2.0-2.5       →	1.0-1.5     →	2.5 and above  →
Speed (knot)	Speed (knot)								
0-0.5       →	1.5-2.0       →								
0.5-1.0     →	2.0-2.5       →								
1.0-1.5     →	2.5 and above  →								
(Sourced from <a href="http://current.hydro.gov.hk/en/map.html">http://current.hydro.gov.hk/en/map.html</a> )									
Prepared by	Jack Chow								
Date	31 October 2022								

Interim Incident Report on Action Level or Limit Level Non-compliance

Project	Integrated Waste Management Facilities, Phase 1		
Date	19 October 2022 (Lab result received on 26 October 2022)		
Time	16:19 – 19:00 (Mid-Flood)		
Mid-Flood			
Monitoring Location	<p>M1</p>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 20.8 mg/L (120% of C2A)		≥ 22.5 mg/L (130% of C2A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	21.8 mg/L (M1)	12.2 mg/L (C1A) 17.3 mg/L (C2A)	8.3 mg/L (B1) 16.0 mg/L (B2) 16.8 mg/L (B3) 10.8 mg/L (B4) 18.7 mg/L (F1A) 14.0 mg/L (H1) 19.7 mg/L (CR1) 17.2 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 19 Oct 2022 include landfilling works for above +6.00mPD, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, pile cap construction, blockwork seawall and existing caisson extension and Process Building construction works.</p> <p>Dominant sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.</p> <p>An exceedance of action level was found at M1.</p> <p>M1 was located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. The exceedance is deemed to be unrelated to the Project.</p>		

	<p>The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.</p> <p>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.</p> <p>No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the site weekly inspection on 20 October 2022.</p> <p>After the investigation, the exceedance on 19 October 2022 at M1 is deemed to be unrelated to the Project.</p>
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Monitoring photos of  
stations with exceedance

M1:

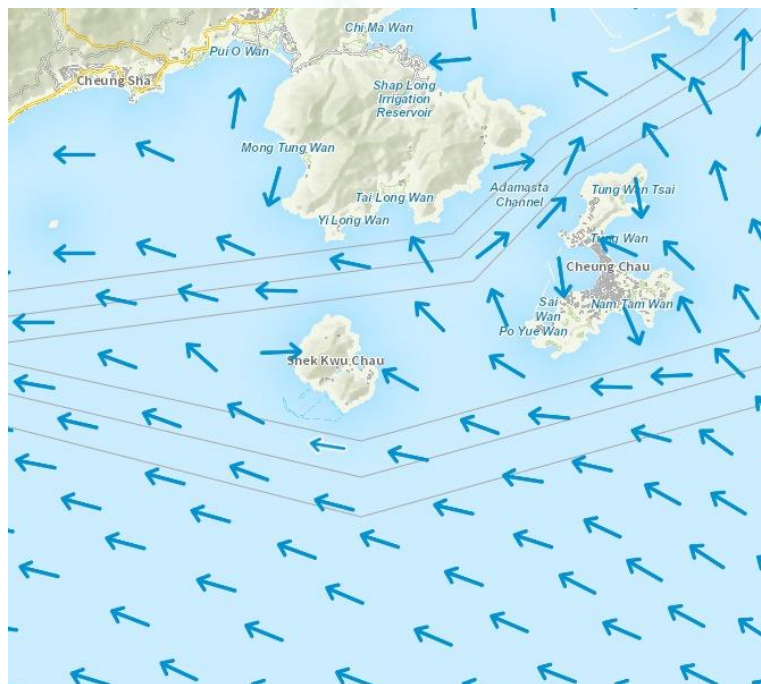
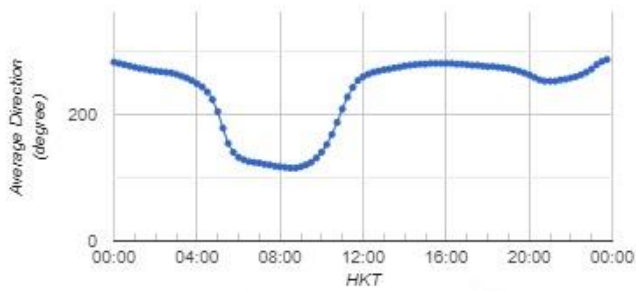
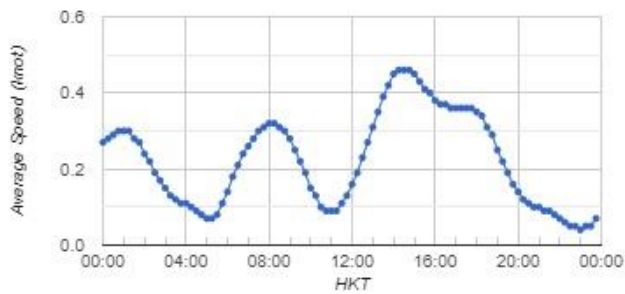


Remarks

Current direction during mid-flood sampling on 19 October 2022:

HKT	2022-10-19 16:30		<b>UPDATE</b>
Date & Time	2022-10-19 16:30		
Prediction Mode	Average	<b>Change Mode</b>	
Position (WGS84)	22 - 11.017 N / 113 - 59.24 E		
Speed:	0.37 knot(s)		
Direction:	279 °(TN)		

24-hour Tidal Stream's Speed & Direction  
 2022-10-19





	<b>Legend</b>								
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Speed (knot)</th> <th style="text-align: left; padding: 5px;">Speed (knot)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">0-0.5       →</td> <td style="padding: 5px;">1.5-2.0       →</td> </tr> <tr> <td style="padding: 5px;">0.5-1.0       →</td> <td style="padding: 5px;">2.0-2.5       →</td> </tr> <tr> <td style="padding: 5px;">1.0-1.5       →</td> <td style="padding: 5px;">2.5 and above       →</td> </tr> </tbody> </table>	Speed (knot)	Speed (knot)	0-0.5       →	1.5-2.0       →	0.5-1.0       →	2.0-2.5       →	1.0-1.5       →	2.5 and above       →
Speed (knot)	Speed (knot)								
0-0.5       →	1.5-2.0       →								
0.5-1.0       →	2.0-2.5       →								
1.0-1.5       →	2.5 and above       →								
	(Sourced from <a href="http://current.hydro.gov.hk/en/map.html">http://current.hydro.gov.hk/en/map.html</a> )								
Prepared by	Jack Chow								
Date	31 October 2022								

**Incident Report on Action Level or Limit Level Non-compliance**

Project	Integrated Waste Management Facilities, Phase 1		
Date	21 October 2022 (Lab result received on 28 October 2022)		
Time	08:00 – 11:26 (Mid-Ebb)		
Monitoring Location	Mid-Ebb		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 20.8 mg/L (120% of C1A)		≥ 22.5 mg/L (130% of C1A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	21.2 mg/L (M1)	17.3 mg/L (C1A) 19.3 mg/L (C2A)	14.0 mg/L (B1) 18.5 mg/L (B2) 12.5 mg/L (B3) 17.8 mg/L (B4) 19.8 mg/L (F1A) 16.3 mg/L (H1) 15.0 mg/L (CR1) 14.5 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 21 Oct 2022 include installation of Chinese pods at Breakwater A CH1000 - CH1120, laying of 900kg underlayer rocks at Breakwater A Seaside CH750 - CH850, infilling of G200 rocks at Caisson 65, laying of armour rocks, installation of stoppers, landfilling works for below +6.00mPD, landfilling works for above +6.00mPD, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, pile cap construction, blockwork seawall and existing caisson extension, and Process Building construction works.</p> <p>Dominant sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</p>		

	<p>An exceedance of action level was found at M1. M1 was located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. The exceedance is deemed to be unrelated to the Project.</p> <p>The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.</p> <p>According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was sunny during the sampling event.</p> <p>No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the site weekly inspection on 20 October 2022.</p> <p>After the investigation, the exceedance on 21 October 2022 at M1 is deemed to be unrelated to the Project.</p>
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Monitoring photos of  
stations with exceedance

M1:

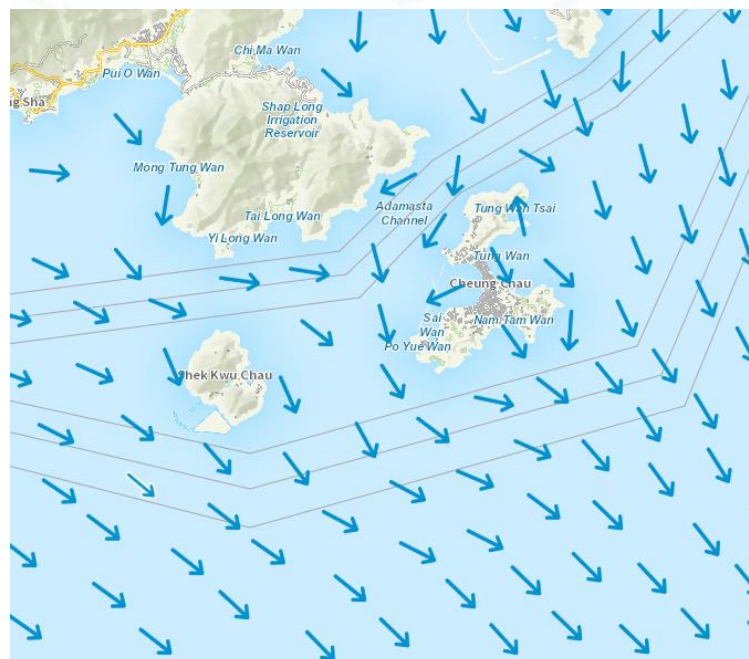
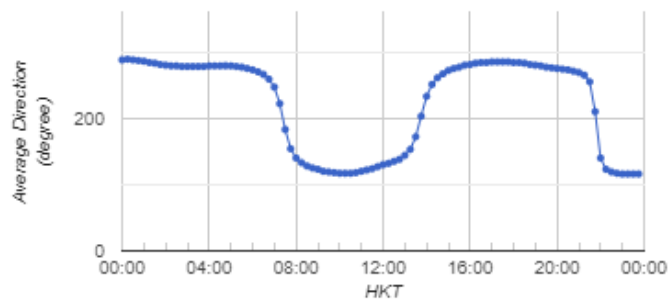
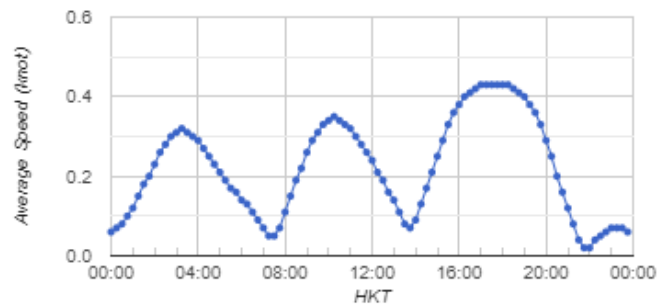


Remarks

Current direction during mid-ebb sampling on 21 October 2022:

HKT	2022-10-21 08:30		<b>UPDATE</b>
Date & Time	2022-10-21 08:30		
Prediction Mode	Average	<b>Change Mode</b>	
Position (WGS84)	22 - 10.521 N / 113 - 59.293 E		
Speed:	0.19 knot(s)		
Direction:	128 °(TN)		

24-hour Tidal Stream's Speed & Direction  
 2022-10-21



	<b>Legend</b>								
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Speed (knot)</th> <th style="text-align: left; padding: 5px;">Speed (knot)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">0-0.5       →</td> <td style="padding: 5px;">1.5-2.0       →</td> </tr> <tr> <td style="padding: 5px;">0.5-1.0       →</td> <td style="padding: 5px;">2.0-2.5       →</td> </tr> <tr> <td style="padding: 5px;">1.0-1.5       →</td> <td style="padding: 5px;">2.5 and above       →</td> </tr> </tbody> </table>	Speed (knot)	Speed (knot)	0-0.5       →	1.5-2.0       →	0.5-1.0       →	2.0-2.5       →	1.0-1.5       →	2.5 and above       →
Speed (knot)	Speed (knot)								
0-0.5       →	1.5-2.0       →								
0.5-1.0       →	2.0-2.5       →								
1.0-1.5       →	2.5 and above       →								
	(Sourced from <a href="http://current.hydro.gov.hk/en/map.html">http://current.hydro.gov.hk/en/map.html</a> )								
Prepared by	Jack Chow								
Date	04 November 2022								

**Incident Report on Action Level or Limit Level Non-compliance**

Project	Integrated Waste Management Facilities, Phase 1		
Date	26 October 2022 (Lab result received on 02 November 2022)		
Time	11:08 – 14:38 (Mid-Ebb)		
Monitoring Location	Mid-Ebb B1, B2, CR1		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 19.2 mg/L (120% of C1A)		≥ 20.8 mg/L (130% of C1A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	20.0 mg/L (B1) 19.3 mg/L (B2) 19.7 mg/L (CR1)	16.0 mg/L (C1A) 18.3 mg/L (C2A)	18.0 mg/L (B3) 17.8 mg/L (B4) 19.0 mg/L (F1A) 18.0 mg/L (H1) 17.8 mg/L (M1) 18.7 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 26 Oct 2022 include infilling of G200 rock at Caissons 63 – 65, landfilling works for above +6.00mPD, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, pile cap construction, blockwork seawall and existing caisson extension, and Process Building construction works.</p> <p>Dominant sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</p> <p>Exceedances of action level were found at B1, B2 and CR1.</p> <p>B1 and B2 were located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. Exceedances 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.</p>		

	<p>According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was sunny during the sampling event.</p> <p>No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the site weekly inspection on 03 November 2022.</p> <p>After the investigation, the exceedances on 26 October 2022 at B1, B2 and CR1 are deemed to be unrelated to the Project.</p>
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Monitoring photos of  
stations with exceedance

B1:



B2:



CR1:

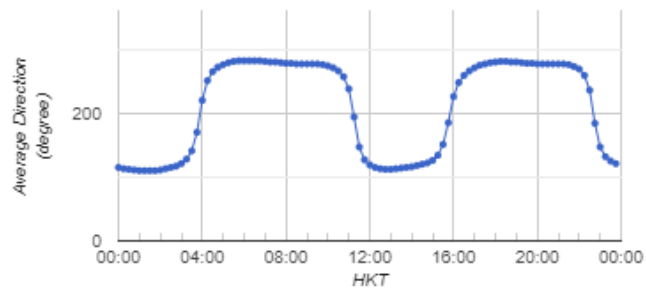
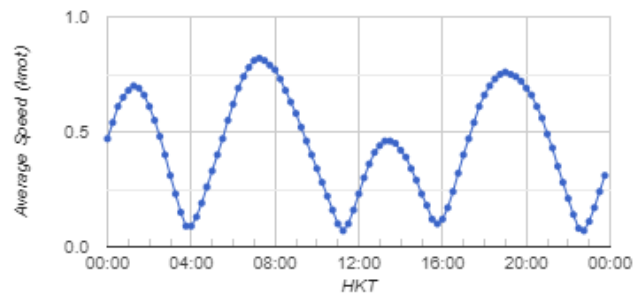


Remarks

Current direction during mid-ebb sampling on 26 October 2022:

HKT	2022-10-26 12:00		<b>UPDATE</b>
Date & Time	2022-10-26 12:00		
Prediction Mode	Average	<b>Change Mode</b>	
Position (WGS84)	22 - 11.017 N / 113 - 59.24 E		
Speed:	0.23 knot(s)		
Direction:	119 °(TN)		

24-hour Tidal Stream's Speed & Direction  
 2022-10-26



	<b>Legend</b>								
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Speed (knot)</th> <th style="text-align: left; padding: 5px;">Speed (knot)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">0-0.5       →</td> <td style="padding: 5px;">1.5-2.0       →</td> </tr> <tr> <td style="padding: 5px;">0.5-1.0       →</td> <td style="padding: 5px;">2.0-2.5       →</td> </tr> <tr> <td style="padding: 5px;">1.0-1.5       →</td> <td style="padding: 5px;">2.5 and above       →</td> </tr> </tbody> </table>	Speed (knot)	Speed (knot)	0-0.5       →	1.5-2.0       →	0.5-1.0       →	2.0-2.5       →	1.0-1.5       →	2.5 and above       →
Speed (knot)	Speed (knot)								
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0.5-1.0       →	2.0-2.5       →								
1.0-1.5       →	2.5 and above       →								
(Sourced from <a href="http://current.hydro.gov.hk/en/map.html">http://current.hydro.gov.hk/en/map.html</a> )									
Prepared by	Jack Chow								
Date	09 November 2022								

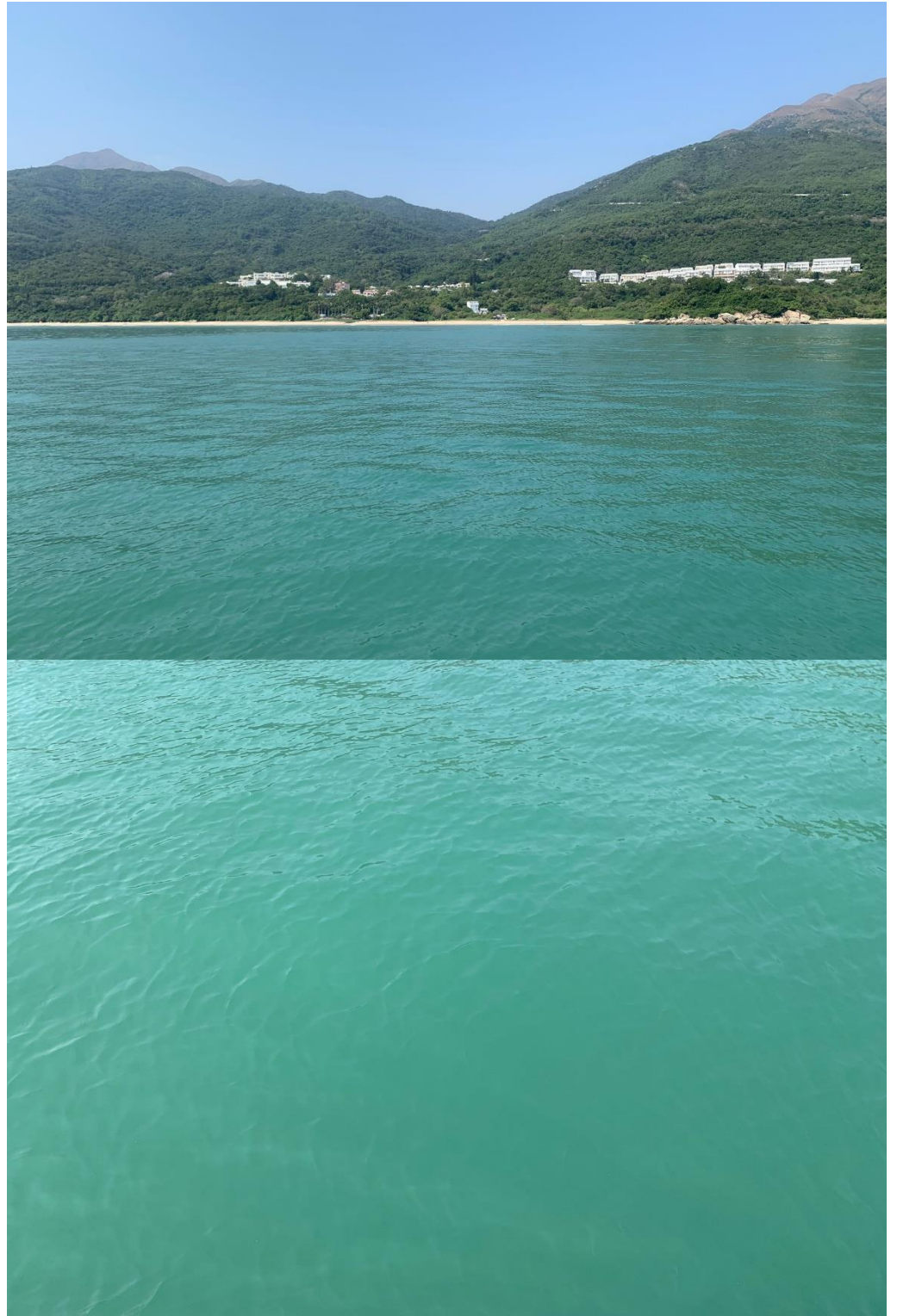
**Incident Report on Action Level or Limit Level Non-compliance**

Project	Integrated Waste Management Facilities, Phase 1		
Date	28 October 2022 (Lab result received on 04 November 2022)		
Time	12:26 – 15:56 (Mid-Ebb)		
Mid-Ebb			
Monitoring Location	<p>B1</p>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 20.8 mg/L (120% of C1A)		≥ 22.5 mg/L (130% of C1A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	24.5 mg/L (B1)	17.3 mg/L (C1A) 16.8 mg/L (C2A)	9.3 mg/L (B2) 18.5 mg/L (B3) 17.5 mg/L (B4) 17.3 mg/L (F1A) 19.2 mg/L (H1) 17.2 mg/L (M1) 14.0 mg/L (CR1) 16.2 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 28 Oct 2022 include laying of 900kg underlayer rock at Seawall A seaside CH80 - CH200, installation of stoppers at Caissons 55 – 59, infilling of G200 rock at Caisson 45 – 47, landfilling works for below +6.00mPD, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, pile cap construction, blockwork seawall and existing caisson extension, and Process Building construction works.</p> <p>Dominant sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</p> <p>An exceedance of limit level was found at B1. B1 was located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. The exceedance is deemed to be unrelated to the Project.</p>		

	<p>The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed.</p> <p>According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was sunny during the sampling event.</p> <p>No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the site weekly inspection on 03 November 2022.</p> <p>After the investigation, the exceedance on 28 October 2022 at B1 is deemed to be unrelated to the Project.</p>
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Monitoring photos of  
stations with exceedance

B1:



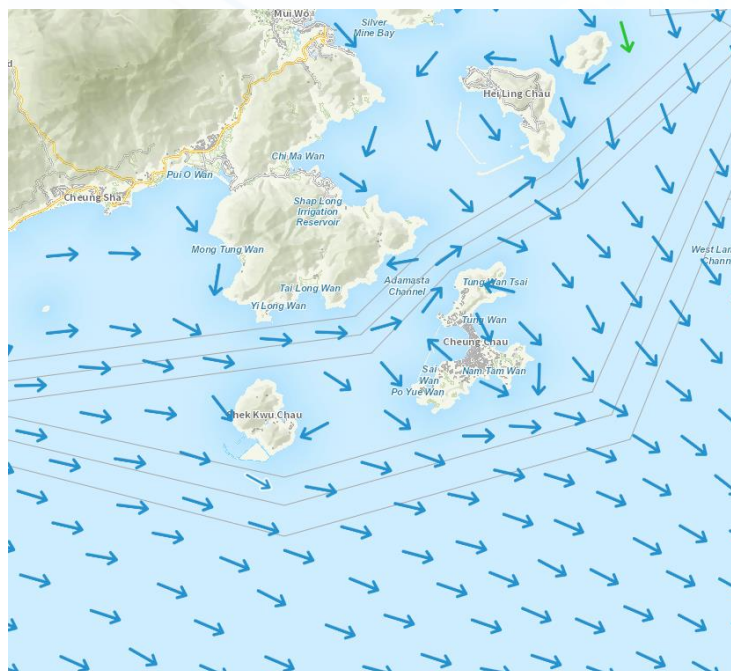
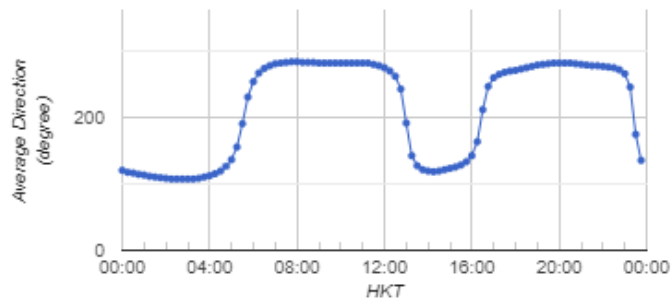
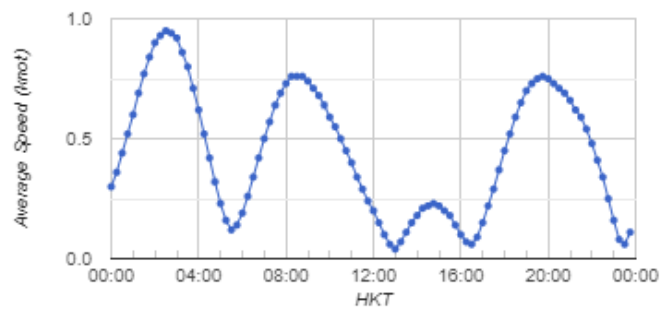


Remarks

Current direction during mid-ebb sampling on 28 October 2022:

HKT	2022-10-28 14:30		<b>UPDATE</b>
Date & Time	2022-10-28 14:30		
Prediction Mode	Average	<b>Change Mode</b>	
Position (WGS84)	22 - 11.017 N / 113 - 59.24 E		
Speed:	0.22 knot(s)		
Direction:	119 °(TN)		

24-hour Tidal Stream's Speed & Direction  
 2022-10-28



	<b>Legend</b>							
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Speed (knot)</th> <th style="text-align: left; padding: 5px;">Speed (knot)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">0-0.5       →</td> <td style="padding: 5px;">1.5-2.0       →</td> </tr> <tr> <td style="padding: 5px;">0.5-1.0       →</td> <td style="padding: 5px;">2.0-2.5       →</td> </tr> <tr> <td style="padding: 5px;">1.0-1.5       →</td> <td style="padding: 5px;">2.5 and above       →</td> </tr> </tbody> </table>	Speed (knot)	Speed (knot)	0-0.5       →	1.5-2.0       →	0.5-1.0       →	2.0-2.5       →	1.0-1.5       →
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1.0-1.5       →	2.5 and above       →							
(Sourced from <a href="http://current.hydro.gov.hk/en/map.html">http://current.hydro.gov.hk/en/map.html</a> )								
Prepared by	Jack Chow							
Date	10 November 2022							