

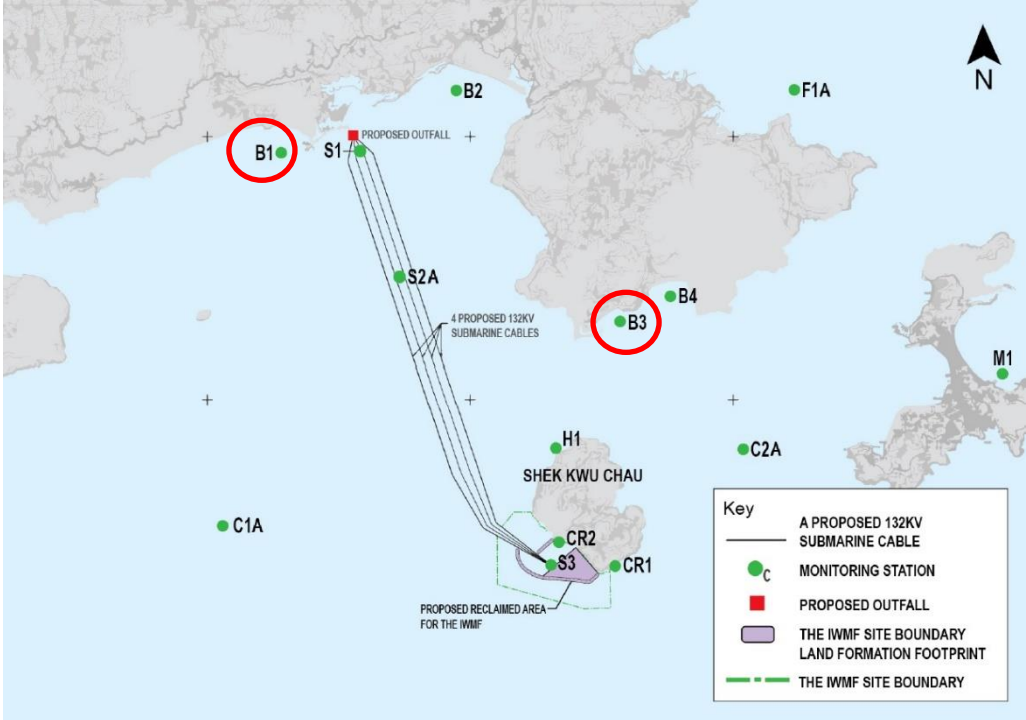
Appendix N Exceedance Report

Statistical Summary of Exceedances in the Reporting Period

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

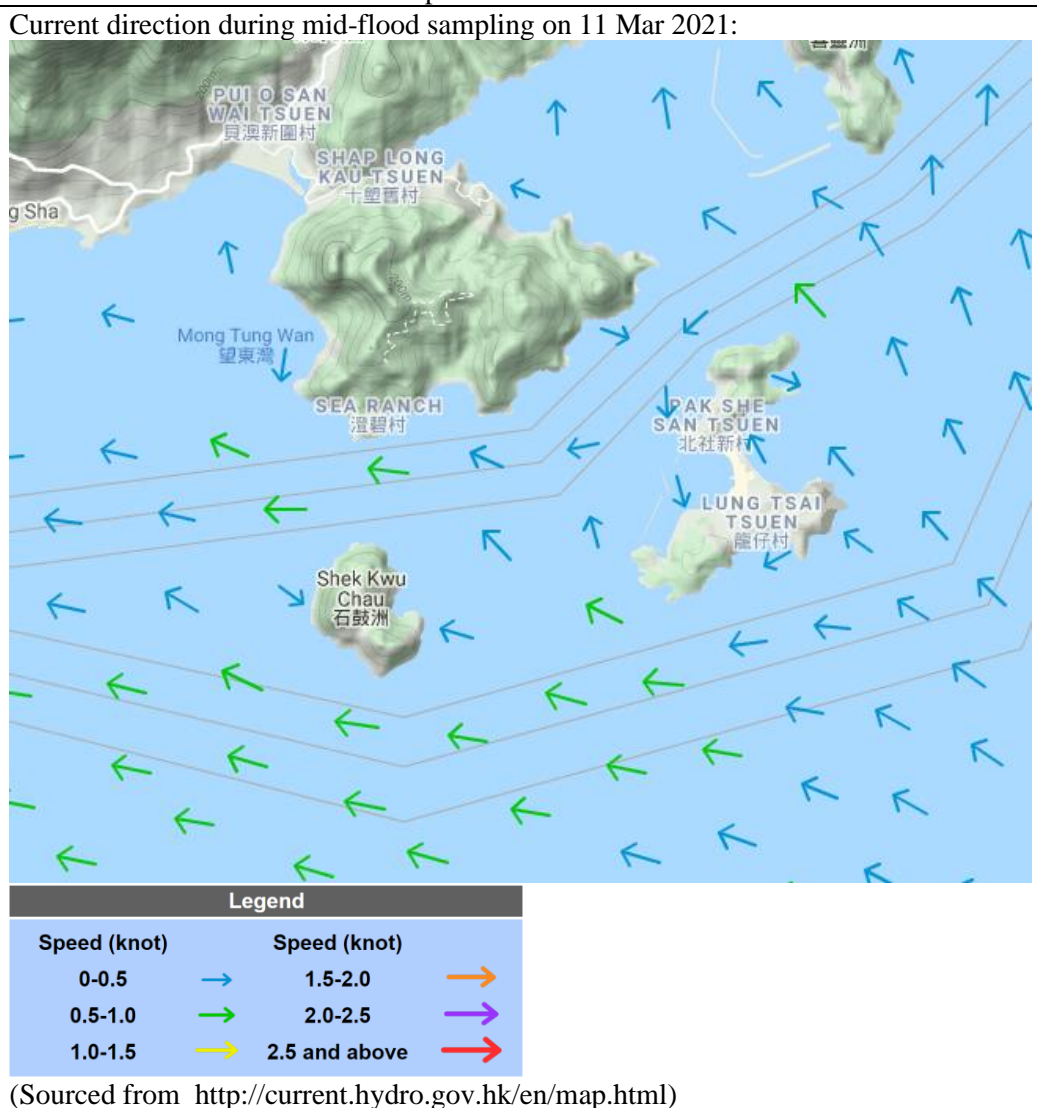
Project	Integrated Waste Management Facilities, Phase 1		
Date	11 Mar 2021 (Lab result received on 15 Mar 2021)		
Time	15:07 – 18:37 (Mid Flood)		
Mid-Flood			
Monitoring Location	B1, B3 		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 8.0 mg/L		≥ 10.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) of Exceedance
	8.0 mg/L (B1) 8.3 mg/L (B3)	5.7 mg/L (C1A) 6.2 mg/L (C2A)	7.3 mg/L (B2) 7.0 mg/L (B4) 7.0 mg/L (F1A) 7.3 mg/L (H1) 6.5 mg/L (M1) 7.0 mg/L (CR1) 6.0 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 11 Mar 2021 include reclamation works, laying of rockfill and caisson installation.</p> <p>Dominating sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.</p> <p>B1 and B3 are located at unrelated stream direction (neither upstream nor downstream, far away) to the works location, exceedance of this monitoring station is deemed to be unrelated to the Project.</p> <p>Silt curtain checking by the Contractor was implemented on Marine Access (11 Mar 2021, 08:30am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 11 Mar 2021, MMO team was arranged for one</p>		

derrick barge (FTB19) and silt curtain at western marine access area on that day while no deficiency of silt curtain was found before the commencement of and during construction activity.

According to the field observation by Marine Mammal Observer team & sampling team during sampling event, no silt plume was observed in the Project site.

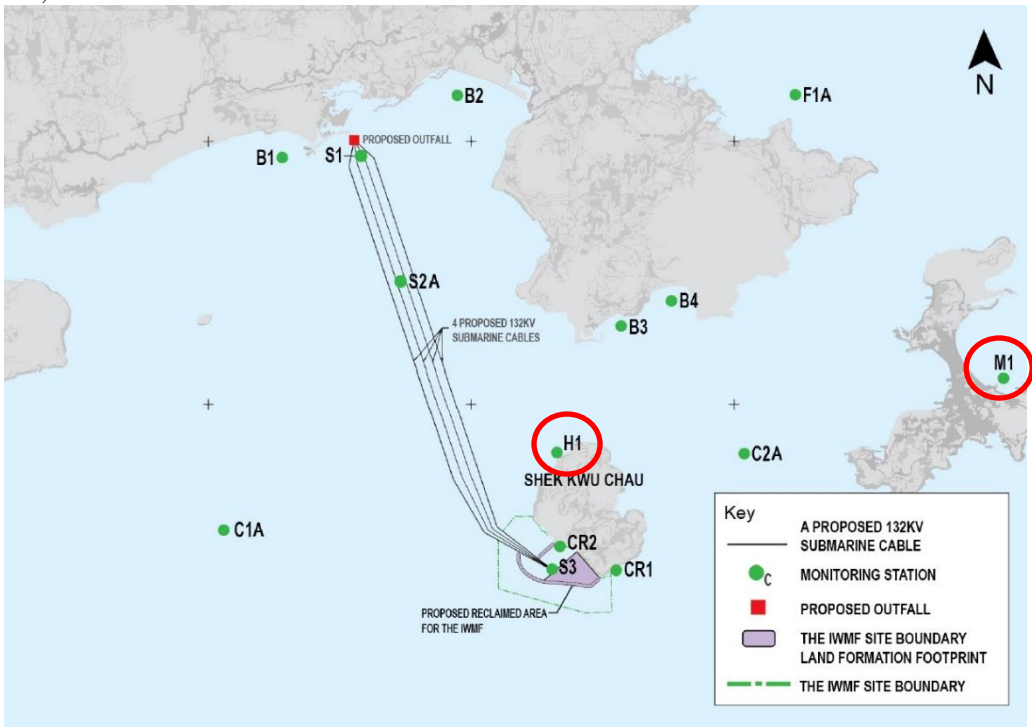
Site tidiness in the present barges in the Project site were checked during weekly site inspection on 8 Mar 2021. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.

Remarks



Prepared by	Joe Ho
Date	18 Mar 2021

Incident Report on Action Level or Limit Level Non-compliance

Project	Integrated Waste Management Facilities, Phase 1		
Date	13 Mar 2021 (Lab result received on 16 Mar 2021)		
Time	10:45 – 14:15 (Mid-Ebb) 15:30 – 19:00 (Mid Flood)		
Mid-Ebb			
Monitoring Location	H1, M1 		
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
	9.7 mg/L (H1) 8.0 mg/L (M1)	5.8 mg/L (C1A) 5.3 mg/L (C2A)	5.5 mg/L (B1) 6.0 mg/L (B2) 5.3 mg/L (B3) 5.3 mg/L (B4) 5.8 mg/L (F1A) 6.0 mg/L (CR1) 5.2 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 13 Mar 2021 include reclamation works, laying of rockfill and caisson installation.</p> <p>Dominating sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</p> <p>H1 and M1 are located at unrelated stream direction (neither upstream nor downstream, far away) to the works location, exceedance of this monitoring station is deemed to be unrelated to the Project.</p> <p>Silt curtain checking by the Contractor was implemented on Marine Access (13 Mar 2021, 08:30am) and checking results showed that no deficiency of silt curtain was found on that day.</p>		

From MMO monitoring records on 13 Mar 2021, MMO team was arranged for one crane barge (FTB19), silt curtain at western marine access area on that day while no deficiency of silt curtain was found before the commencement of and during construction activity.

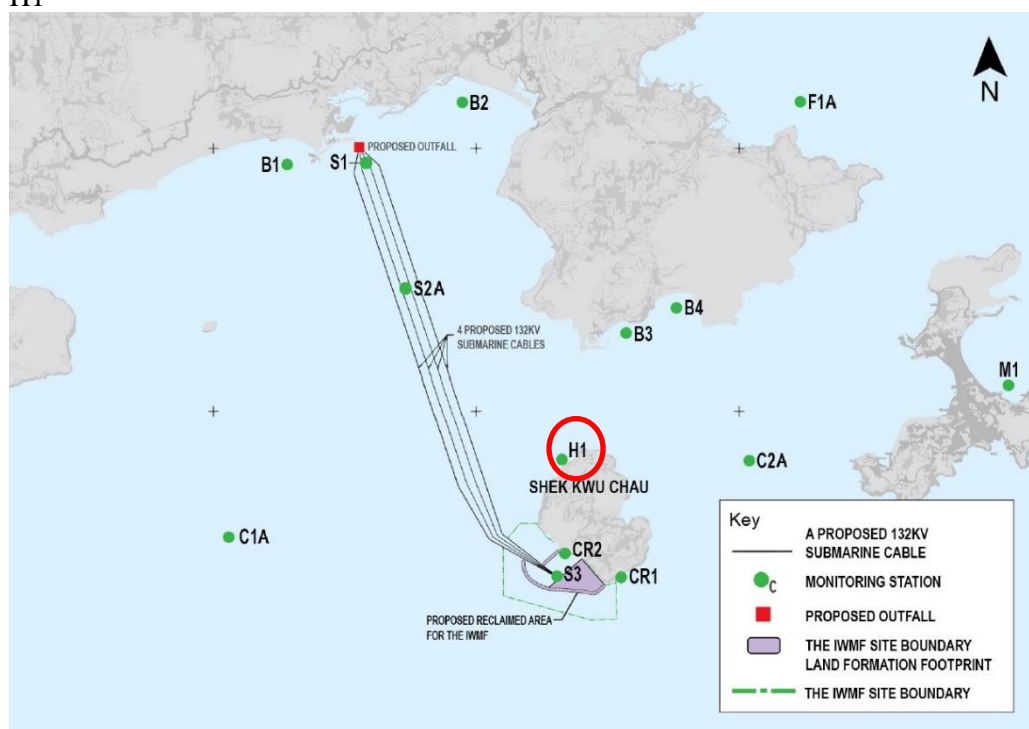
According to the field observation by Marine Mammal Observer team & sampling team during sampling event, no silt plume was observed in the Project site.

Site tidiness in the present barges in the Project site were checked during weekly site inspection on 8 Mar 2021. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.

Mid-Flood

Monitoring Location

H1



Parameter: Suspended Solid (SS)

Action & Limit Levels	Action Level	Limit Level
	≥ 9.4 mg/L (120% of C2A)	≥ 10.2 mg/L (130% of C2A)


Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
		9.8 mg/L (H1)	7.0 mg/L (C1A) 7.8 mg/L (C2A)

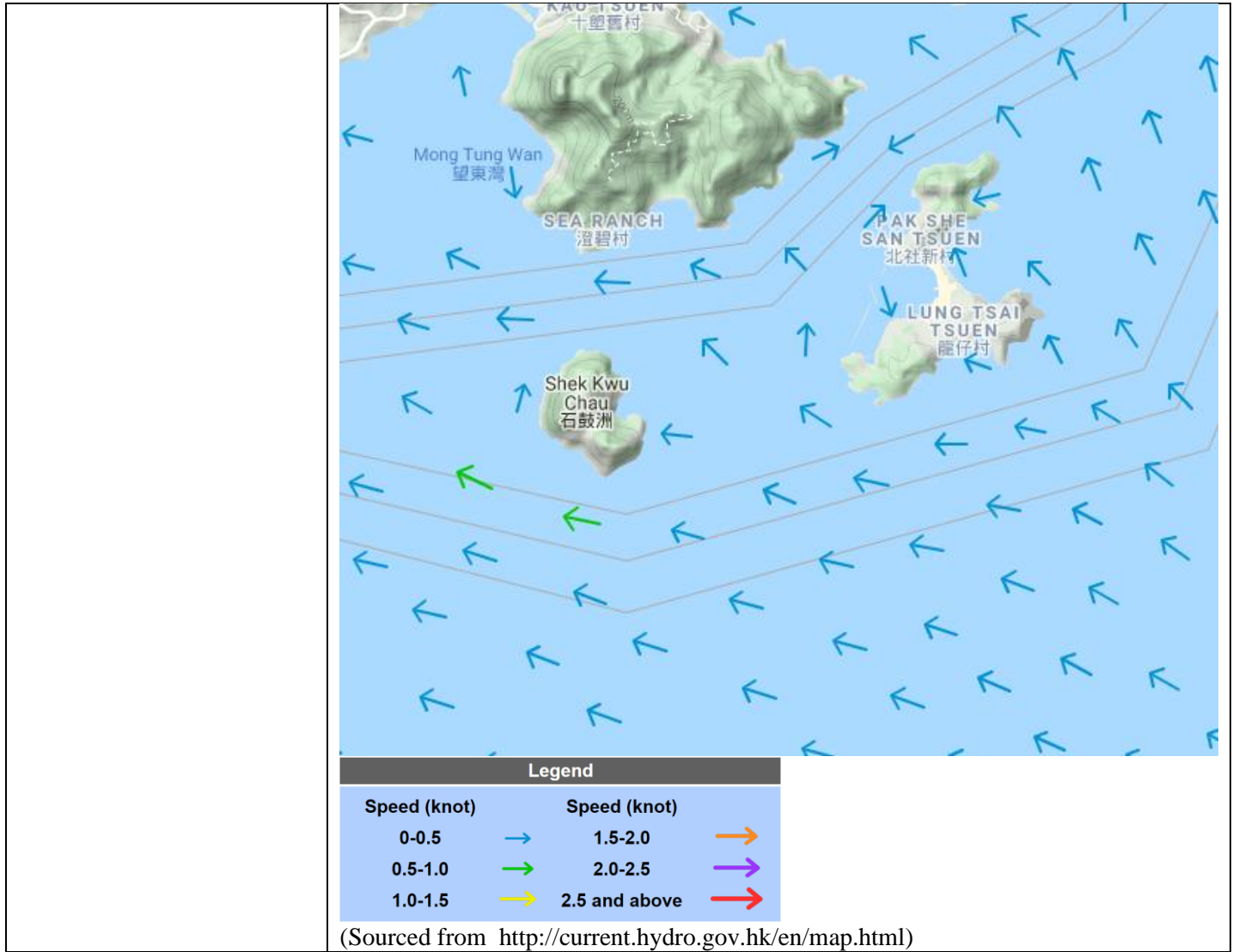
Possible reason for Action or Limit Level Non-compliance

Works scheduled on site on 13 Mar 2021 include reclamation works, laying of rockfill and caisson installation.

Dominating sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.

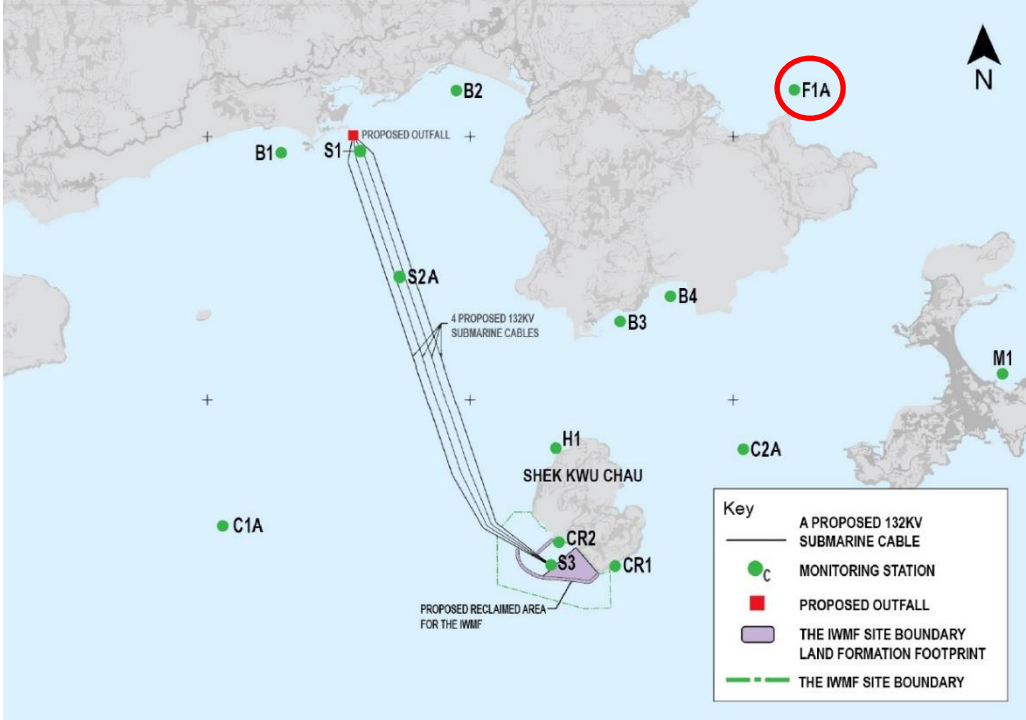
H1 is located at unrelated stream direction (neither upstream nor downstream, far away) to the works location, exceedance of this monitoring station is deemed to be

	<p>unrelated to the Project.</p> <p>Silt curtain checking by the Contractor was implemented on Marine Access (13 Mar 2021, 08:30am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 13 Mar 2021, MMO team was arranged for one crane barge (FTB19), silt curtain at western marine access area on that day while no deficiency of silt curtain was found before the commencement of and during construction activity.</p> <p>According to the field observation by Marine Mammal Observer team & sampling team during sampling event, no silt plume was observed in the Project site.</p> <p>Site tidiness in the present barges in the Project site were checked during weekly site inspection on 8 Mar 2021. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.</p>
<p>Actions taken / to be taken</p>	<p>Examination of environmental performance of the Project will be continued during the weekly inspection, and the Contractor is reminded to implement all applicable mitigation measures as per the Updated EM&A Manual.</p>
<p>Remarks</p>	<p>Current direction during mid-ebb sampling on 13 Mar 2021:</p>  <p>Current direction during mid-flood sampling on 13 Mar 2021:</p>



Prepared by	Joe Ho
Date	18 Mar 2021

Incident Report on Action Level or Limit Level Non-compliance

Project	Integrated Waste Management Facilities, Phase 1		
Date	24 Mar 2021 (Lab result received on 29 Mar 2021)		
Time	08:00-11:30 (Mid Flood)		
Mid-Flood			
Monitoring Location	F1A 		
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) of Exceedance
	8.5 mg/L (F1A)	5.7 mg/L (C1A) 6.5 mg/L (C2A)	6.5 mg/L (B1) 5.5 mg/L (B2) 5.3 mg/L (B3) 7.0 mg/L (B4) 6.7 mg/L (H1) 4.2 mg/L (M1) 4.3 mg/L (CR1) 6.0 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 24 Mar 2021 include reclamation works, laying of rockfill and caisson installation.</p> <p>Dominating sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.</p> <p>F1A is located at unrelated stream direction (neither upstream nor downstream, far away) to the works location, exceedance of this monitoring station 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. Floating type silt curtain at marine access was abandoned, thus no silt curtain checking was conducted by contractor.</p>		

According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.

Site tidiness in the present barges in the Project site were checked during weekly site inspection on 23 Mar 2021. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.

Remarks

Current direction during mid-flood sampling on 24 Mar 2021:

The map displays current directions and speeds in the area around Mong Tung Wan, Shek Kwu Chau, and Pak She San Tsuen. The legend indicates the following speed ranges in knots:

Speed (knot)	Color	Speed (knot)	Color
0-0.5	Blue	1.5-2.0	Orange
0.5-1.0	Green	2.0-2.5	Purple
1.0-1.5	Yellow	2.5 and above	Red

(Sourced from <http://current.hydro.gov.hk/en/map.html>)

Prepared by	Joe Ho
Date	7 April 2021