

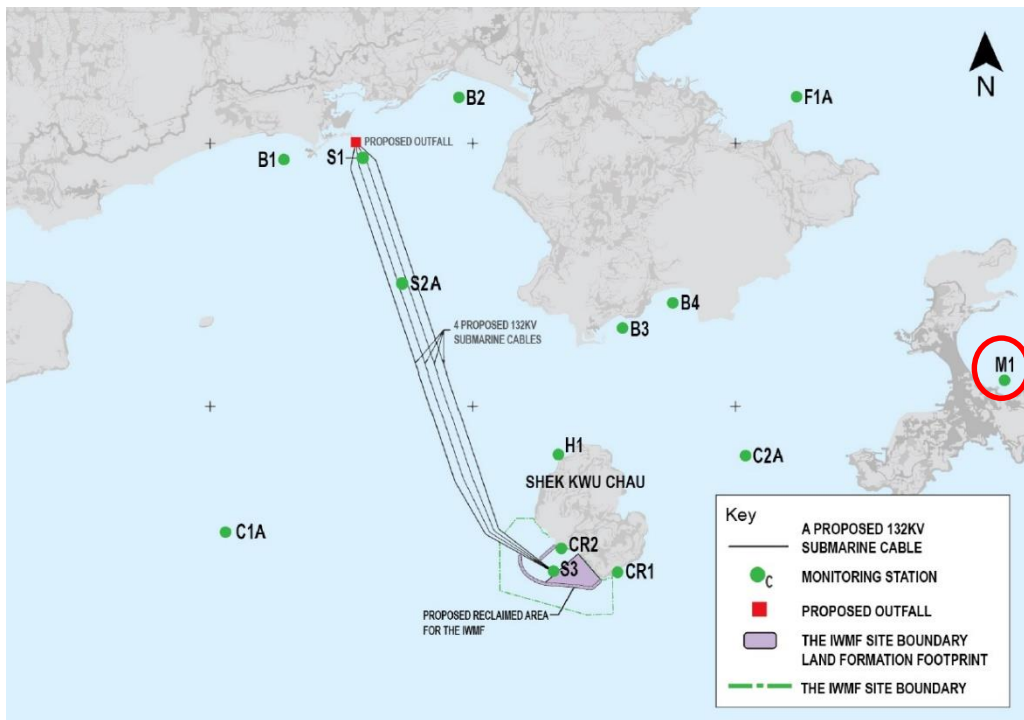
Appendix N Exceedance Report

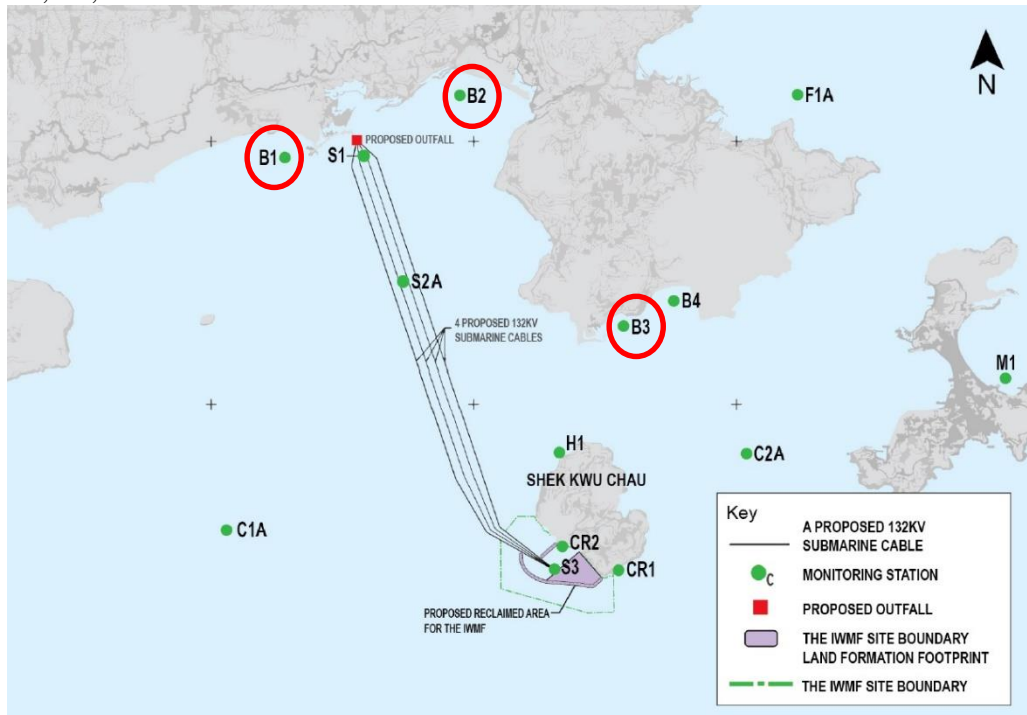
Statistical Summary of Exceedances in the Reporting Period

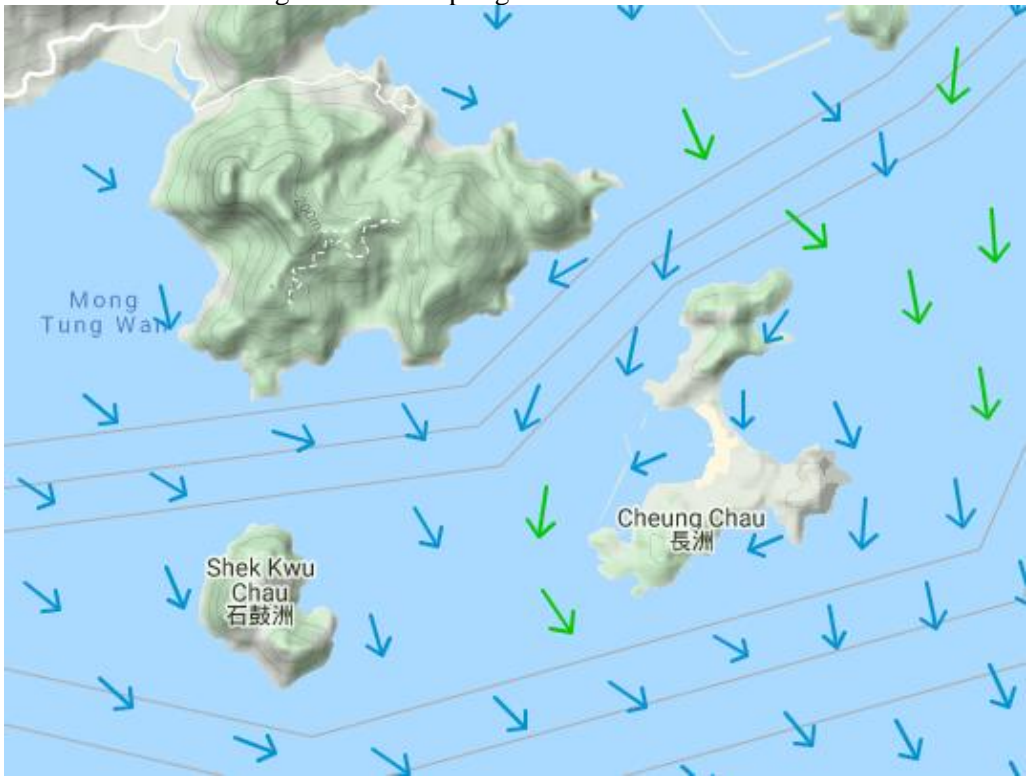
Water Quality (Regular DCM)			
Location	Action Level	Limit Level	Total
B1	1	2	3
B2	1	2	3
B3	0	2	2
B4	1	0	1
CR1	0	1	1
CR2	4	0	4
F1A	0	1	1
H1	0	0	0
S1	1	1	2
S2A	0	1	1
S3	2	0	2
M1	0	1	1

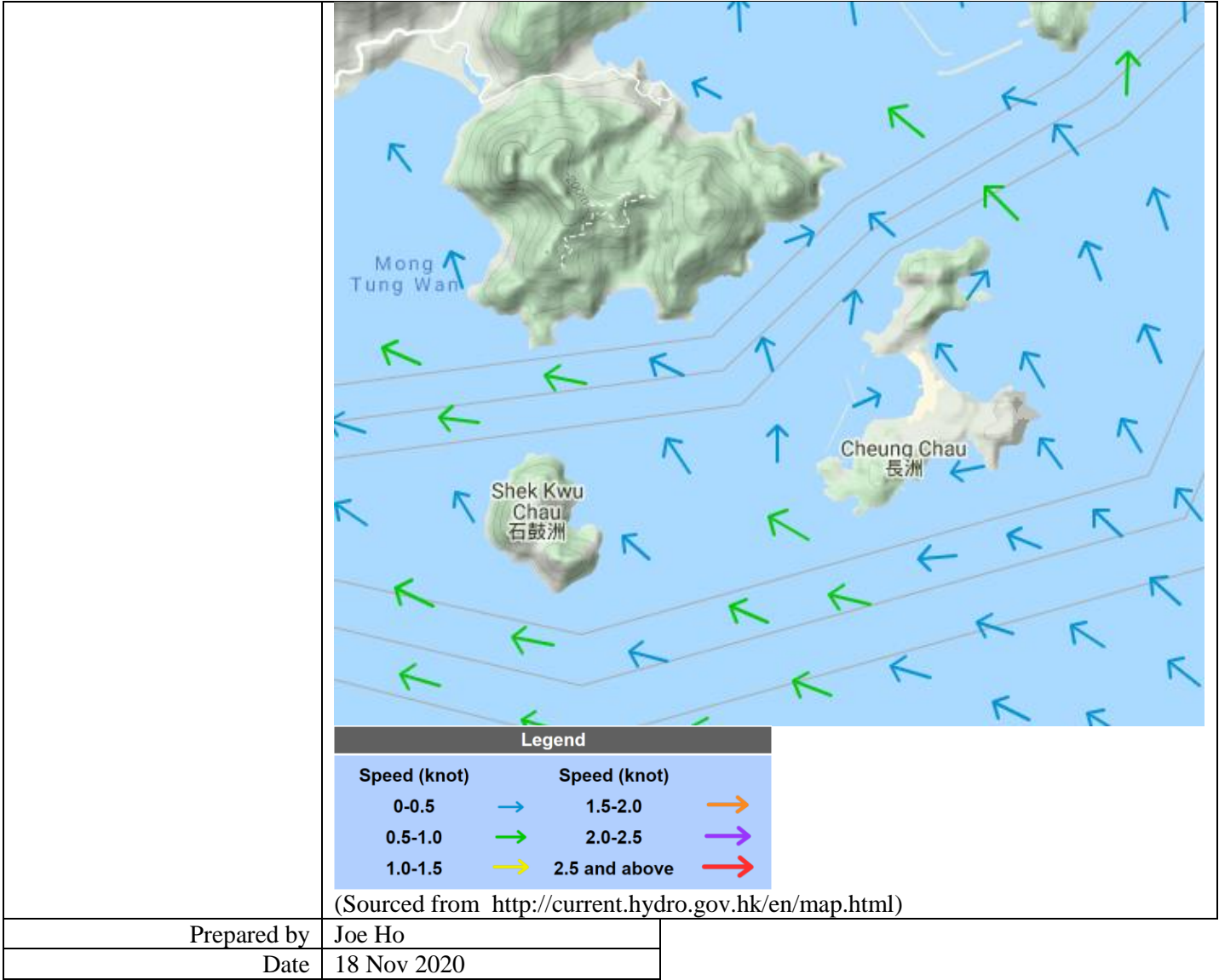
Noise (Day Time)			
Location	Action Level	Limit Level	Total
M1	0	0	0
M2	0	0	0
M3	0	0	0
Noise (Evening Time)			
Location	Action Level	Limit Level	Total
M1	0	0	0
M2	0	0	0
M3	0	0	0
Noise (Night Time)			
Location	Action Level	Limit Level	Total
M1	0	0	0
M2	0	0	0
M3	0	0	0

Incident Report on Action Level or Limit Level Non-compliance

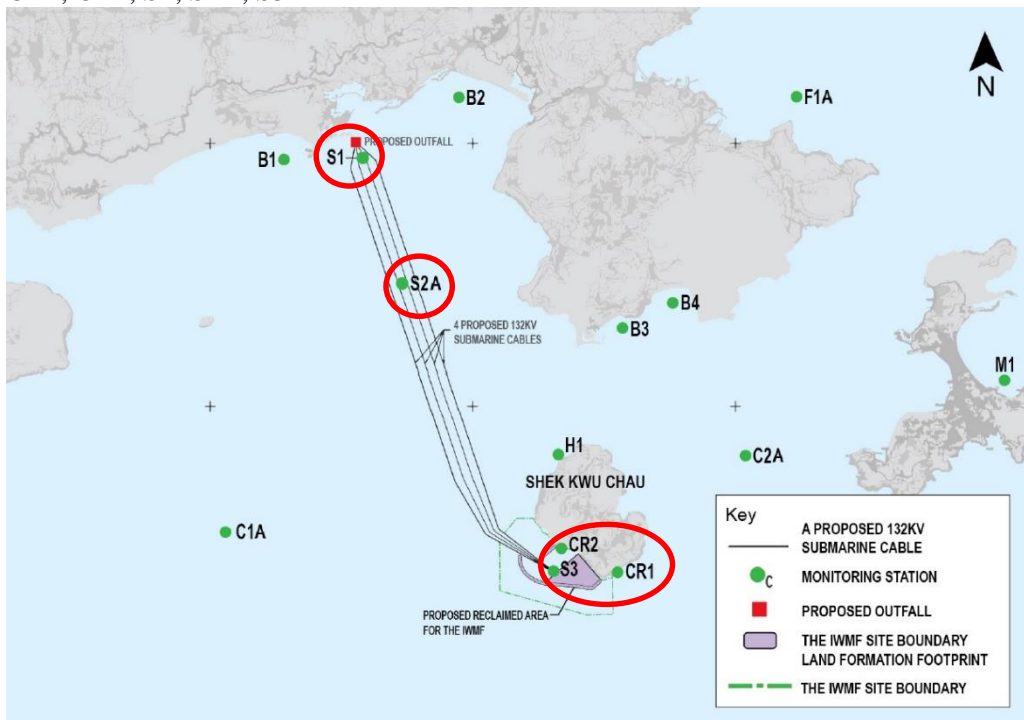
Project	Integrated Waste Management Facilities, Phase 1		
Date	10 Nov 2020 (Lab result received on 13 Nov 2020)		
Time	08:00 – 11:30 (Mid-Ebb) 12:59 – 16:29 (Mid Flood)		
Mid-Ebb			
Monitoring Location	<div>M1</div> <div></div>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 14.8 mg/L (120% of C1A)		≥ 16.0 mg/L (130% of C1A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	16.8 mg/L (M1)	12.3 mg/L (C1A) 9.3 mg/L (C2A)	9.0 mg/L (B1) 9.0 mg/L (B2) 8.3 mg/L (B3) 9.5 mg/L (B4) 11.0 mg/L (F1A) 9.2 mg/L (H1) 9.0 mg/L (CR1) 14.0 mg/L (CR2) 10.5 mg/L (S1) 11.2 mg/L (S2A) 9.3 mg/L (S3)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 10 Nov 2020 include reclamation works, levelling the slag materials, loading slag materials, laying geotextile, 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>M1 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>		

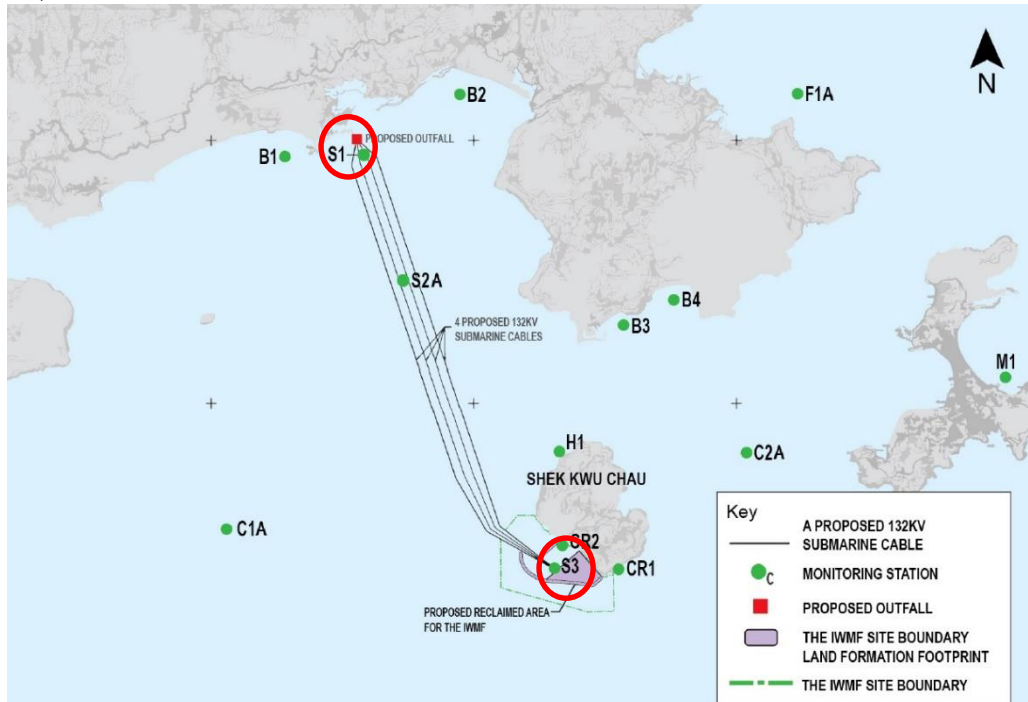
	<p>Silt curtain checking by the Contractor was implemented on Marine Access (10 Nov 2020, 09:30am), Eastern Silt Curtain (10 Nov 2020, 09:30am), GD851 (10 Nov 2020, 07:00am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 10 Nov 2020, MMO team was arranged for one crane barge (GD-851), silt curtain at western marine access area and the eastern silt curtain 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 10 Nov 2020. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.</p>		
Mid-Flood			
Monitoring Location	<p>B1, B2, B3</p> 		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 11.2 mg/L (120% of C2A)		≥ 12.1 mg/L (130% of C2A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	16.0 mg/L (B1) 15.5 mg/L (B2) 12.8 mg/L (B3)	7.5 mg/L (C1A) 9.3 mg/L (C2A)	7.8 mg/L (B4) 7.8 mg/L (F1A) 8.3 mg/L (H1) 10.0 mg/L (M1) 8.2 mg/L (CR1) 8.7 mg/L (CR2) 8.3 mg/L (S1) 8.8 mg/L (S2A) 8.2 mg/L (S3)
Possible reason for Action or Limit Level Non-compliance	Works scheduled on site on 10 Nov 2020 include reclamation works, levelling the slag materials, loading slag materials, laying geotextile, laying of rockfill and caisson		

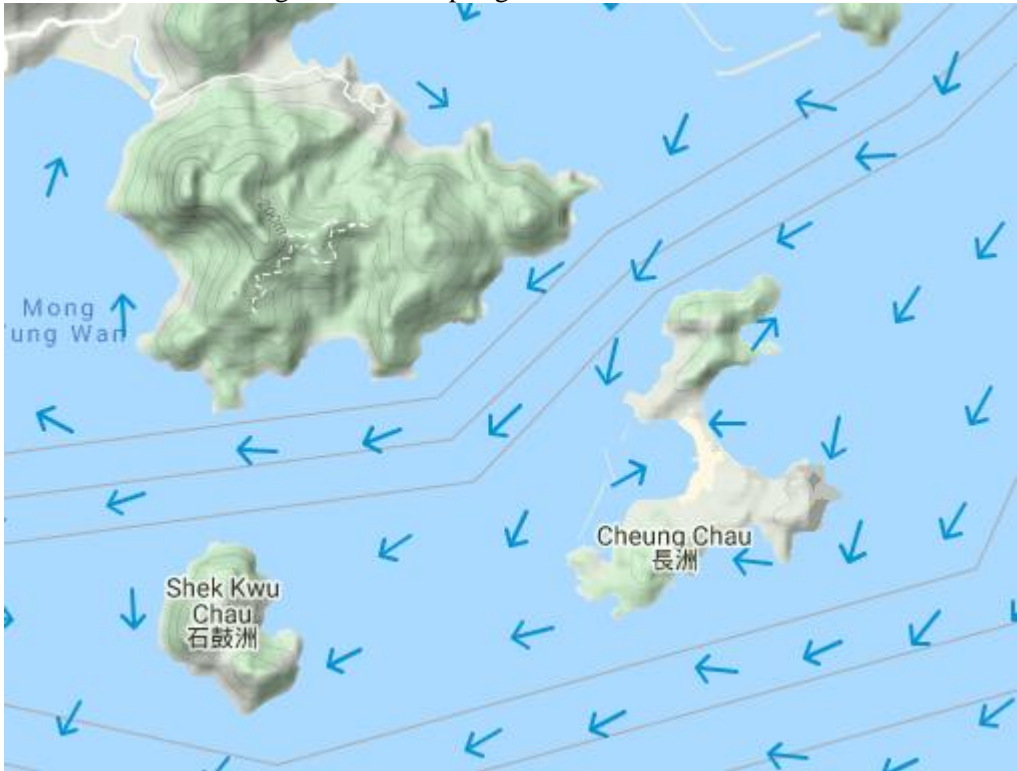
	<p>installation.</p> <p>Dominating sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.</p> <p>B1, B2 and B3 are located at unrelated stream direction (neither upstream nor downstream, far away) to the works location, exceedance of this monitoring station is deemed to be unrelated to the Project.</p> <p>Silt curtain checking by the Contractor was implemented on Marine Access (10 Nov 2020, 09:30am), Eastern Silt Curtain (10 Nov 2020, 09:30am), GD851 (10 Nov 2020, 07:00am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 10 Nov 2020, MMO team was arranged for one crane barge (GD-851), silt curtain at western marine access area and the eastern silt curtain 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 10 Nov 2020. 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 10 Nov 2020:</p>  <p>Current direction during mid-flood sampling on 10 Nov 2020:</p>

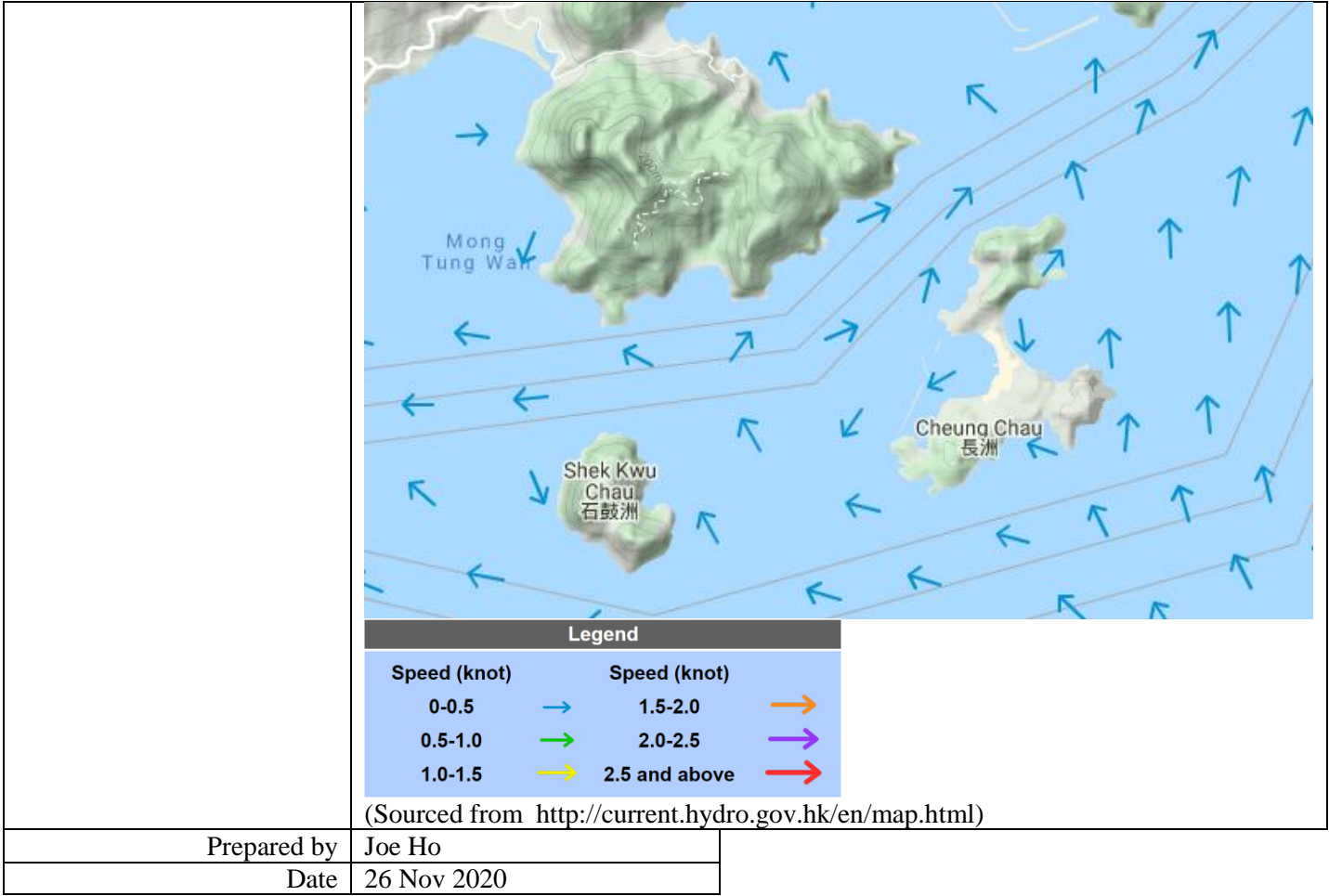


Incident Report on Action Level or Limit Level Non-compliance

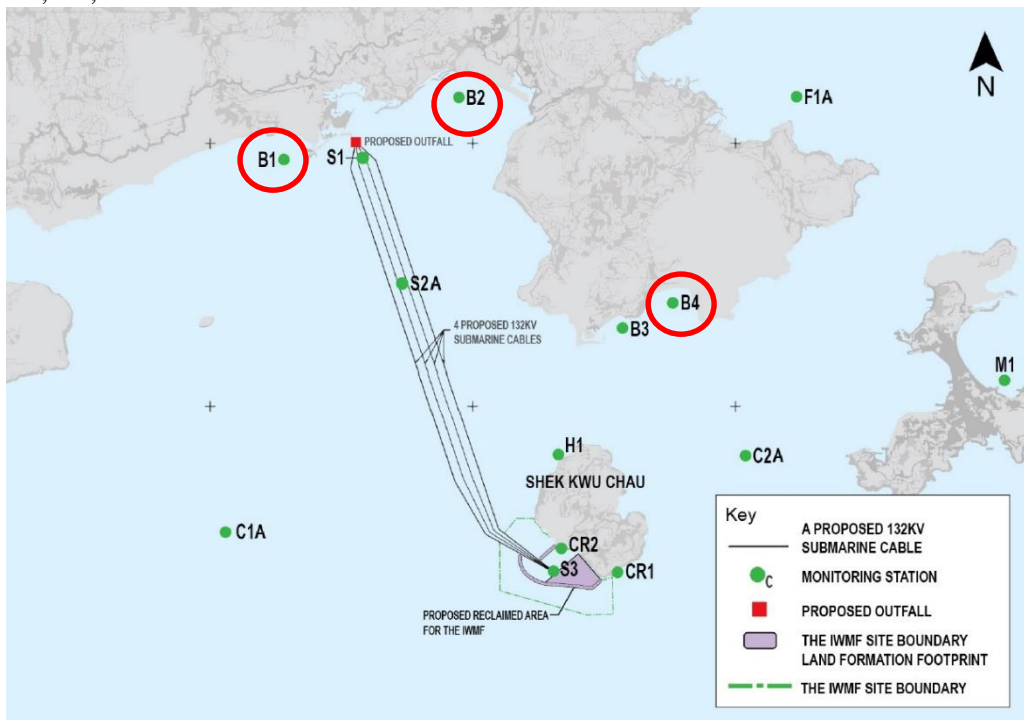
Project	Integrated Waste Management Facilities, Phase 1		
Date	14 Nov 2020 (Lab result received on 17 Nov 2020)		
Time	09:44 – 13:14 (Mid-Ebb) 15:30 – 19:00 (Mid Flood)		
Mid-Ebb			
Monitoring Location	<div>CR1, CR2, S1, S2A, S3</div> <div></div>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	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
	10.0 mg/L (CR1) 9.2 mg/L (CR2) 10.3 mg/L (S1) 10.2 mg/L (S2A) 9.8 mg/L (S3)	6.0 mg/L (C1A) 5.7 mg/L (C2A)	6.3 mg/L (B1) 7.0 mg/L (B2) 8.0 mg/L (B3) 7.3 mg/L (B4) 6.8 mg/L (F1A) 7.3 mg/L (H1) 7.0 mg/L (M1)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 14 Nov 2020 include reclamation works, levelling the slag materials, loading slag materials, laying rock filter, 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>S1 and S2A 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>CR1, CR2 and S3 are located close to the works location within the Project site while silt curtain checking by the Contractor Silt curtain checking by the Contractor was implemented on Marine Access (14 Nov 2020, 06:00am), Eastern Silt Curtain (14 Nov</p>		

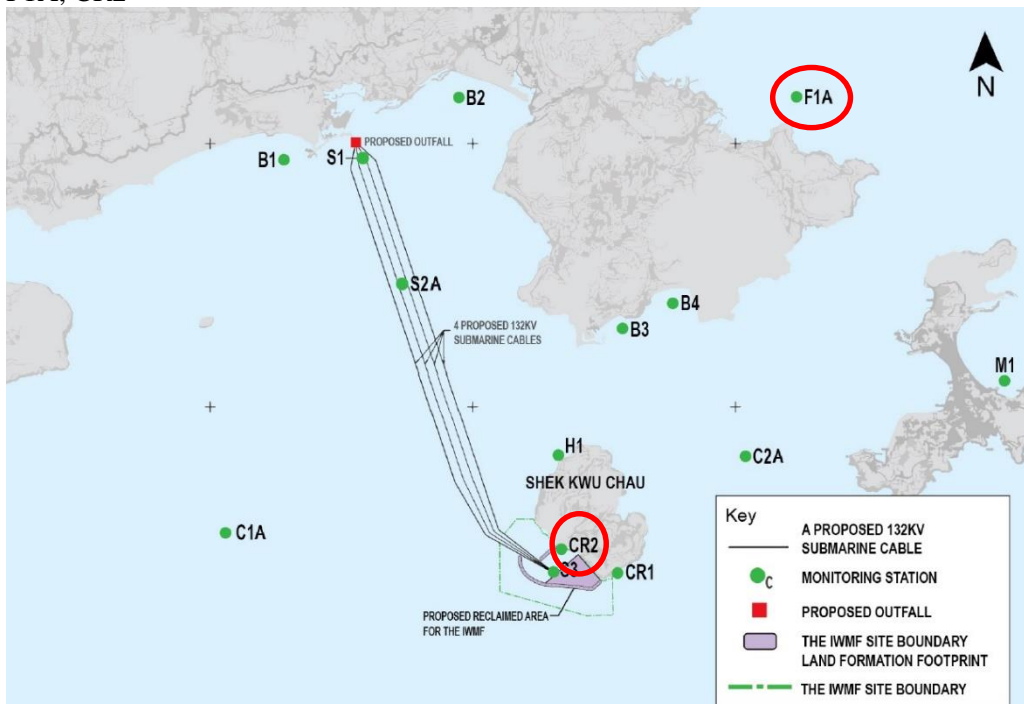
	<p>2020, 06:00am), GD851 (14 Nov 2020, 07:00am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 14 Nov 2020, MMO team was arranged for one crane barge (GD-851), silt curtain at western marine access area and the eastern silt curtain 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 10 Nov 2020. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.</p>		
Mid-Flood			
Monitoring Location	<p>S1, S3</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
	8.3 mg/L (S1) 8.8 mg/L (S3)	4.8 mg/L (C1A) 6.0 mg/L (C2A)	7.8 mg/L (B1) 8.0 mg/L (B2) 6.8 mg/L (B3) 5.8 mg/L (B4) 7.7 mg/L (F1A) 5.8 mg/L (H1) 6.0 mg/L (M1) 7.2 mg/L (CR1) 5.8 mg/L (CR2) 7.5 mg/L (S2A)
Possible reason for Action or Limit Level Non-compliance	Works scheduled on site on 14 Nov 2020 include reclamation works, levelling the slag materials, loading slag materials, laying rock filter, laying of rockfill and caisson installation.		


	<p>Dominating sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.</p> <p>S1 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>S3 is located close to the works location within the Project site while silt curtain checking by the Contractor Silt curtain checking by the Contractor was implemented on Marine Access (14 Nov 2020, 06:00am), Eastern Silt Curtain (14 Nov 2020, 06:00am), GD851 (14 Nov 2020, 07:00am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 14 Nov 2020, MMO team was arranged for one crane barge (GD-851), silt curtain at western marine access area and the eastern silt curtain 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 10 Nov 2020. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.</p>
Actions taken / to be taken	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.
Remarks	<p>Current direction during mid-ebb sampling on 14 Nov 2020:</p>  <p>Current direction during mid-flood sampling on 14 Nov 2020:</p>

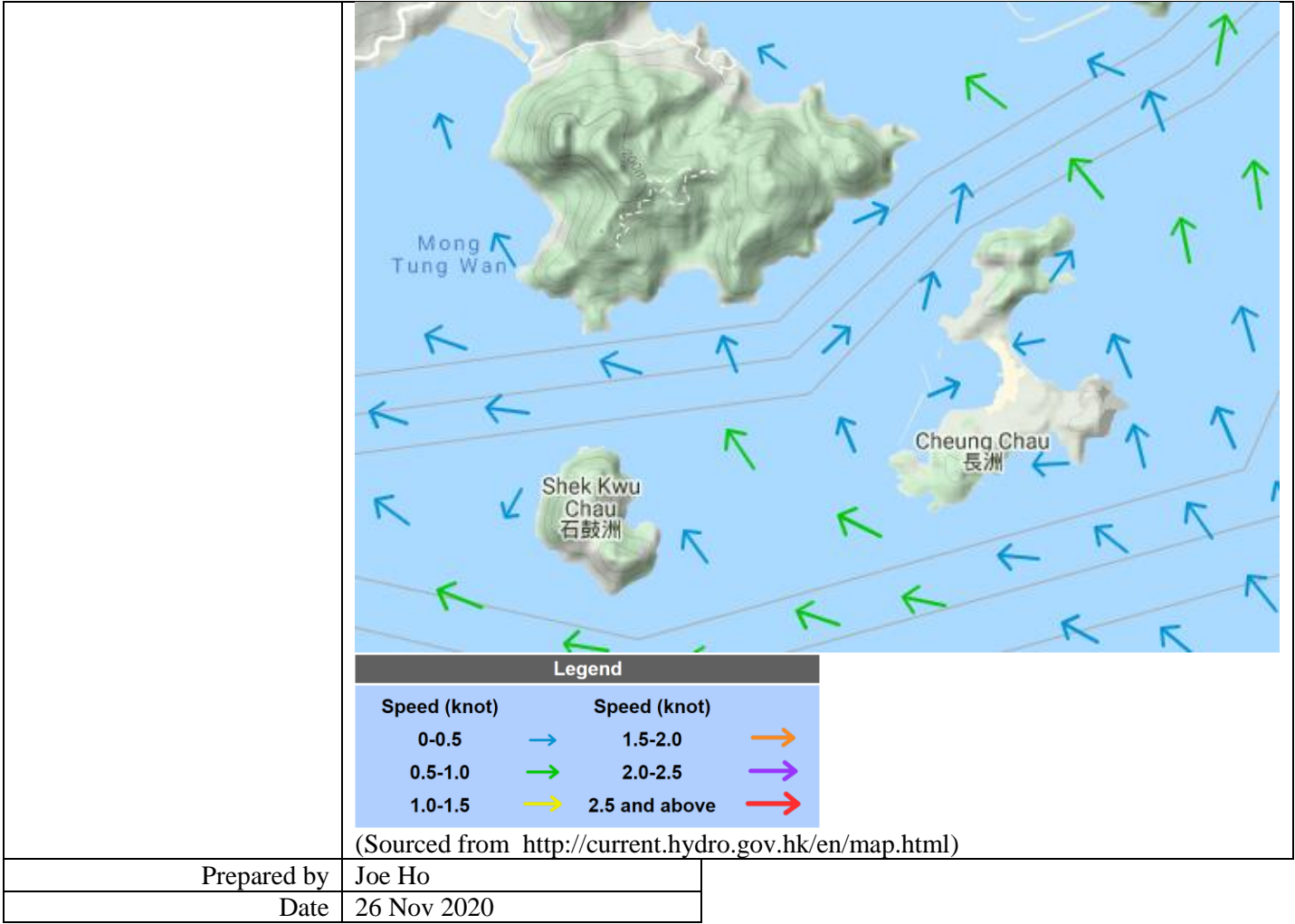


Incident Report on Action Level or Limit Level Non-compliance

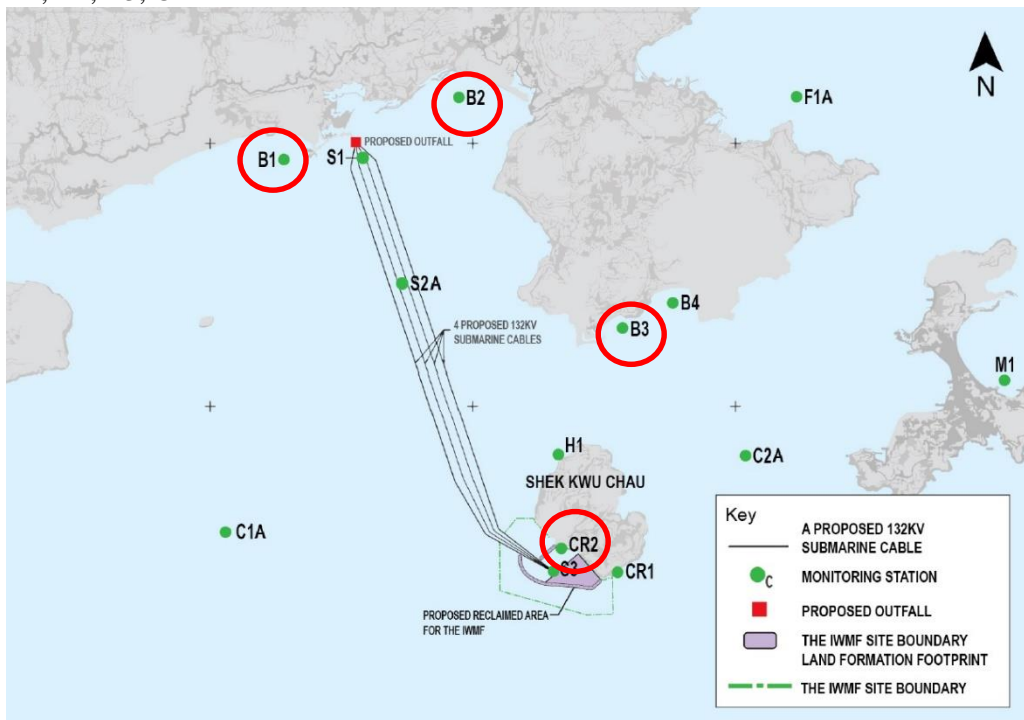
Project	Integrated Waste Management Facilities, Phase 1		
Date	16 Nov 2020 (Lab result received on 19 Nov 2020)		
Time	11:06 – 14:36 (Mid-Ebb) 15:30 – 19:00 (Mid Flood)		
Mid-Ebb			
Monitoring Location	<div>B1, B2, B4</div> <div></div>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 13.8 mg/L (120% of C1A)		≥ 15.0 mg/L (130% of C1A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	14.5 mg/L (B1) 14.0 mg/L (B2) 14.3 mg/L (B4)	11.5 mg/L (C1A) 14.3 mg/L (C2A)	13.3 mg/L (B3) 12.5 mg/L (F1A) 12.7 mg/L (H1) 13.7 mg/L (M1) 13.2 mg/L (CR1) 11.8 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	Works scheduled on site on 16 Nov 2020 include reclamation works, levelling the slag materials, loading slag materials, formation of B9 loading platform, laying of rockfill and caisson installation.		
	Dominating sea current direction was found to be from East to Northwest at waters around Shek Kwu Chau.		
	B1, B2 and B4 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.		
	Silt curtain checking by the Contractor was implemented on Marine Access (16 Nov 2020, 01:00pm), Eastern Silt Curtain (16 Nov 2020, 01:00pm), GD851 (16 Nov 2020, 07:00am) and checking results showed that no deficiency of silt curtain was found on that day.		

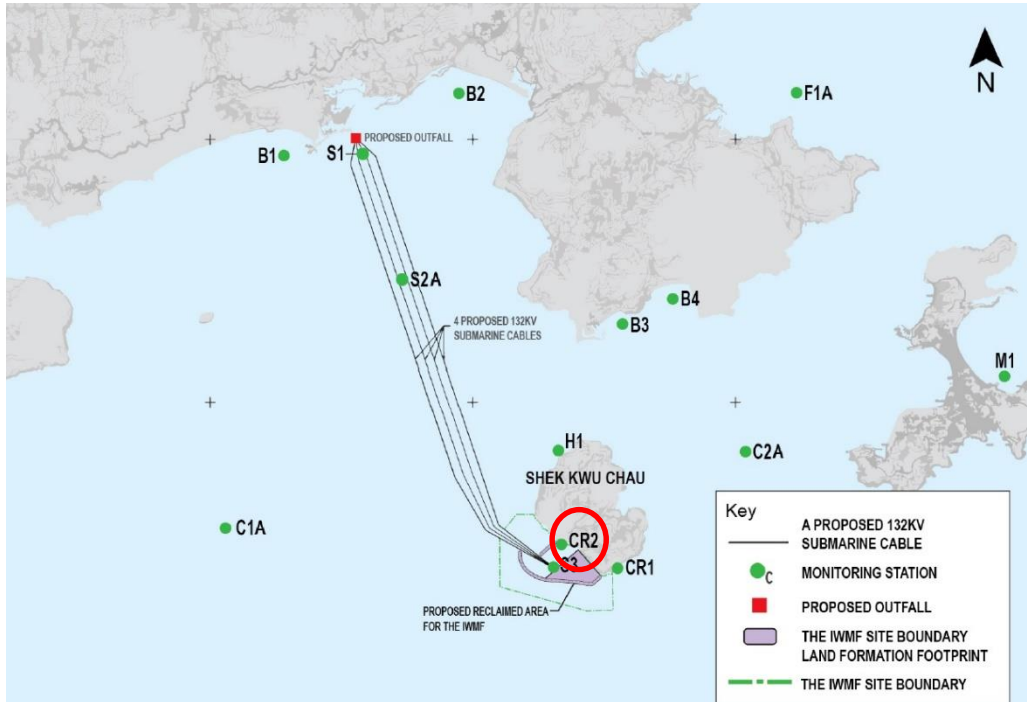
	From MMO monitoring records on 16 Nov 2020, MMO team was arranged for one crane barge (GD-851), silt curtain at western marine access area and the eastern silt curtain on that day while no deficiency of silt curtain was found before the commencement of and during construction activity.		
	According to 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 10 Nov 2020. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.		
Mid-Flood			
Monitoring Location	F1A, CR2		
			
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 13.6 mg/L (120% of C2A)		≥ 14.7 mg/L (130% of C2A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	15.5 mg/L (F1A) 14.2 mg/L (CR2)	14.3 mg/L (C1A) 11.3 mg/L (C2A)	12.8 mg/L (B1) 12.8 mg/L (B2) 12.5 mg/L (B3) 12.5 mg/L (B4) 12.8 mg/L (H1) 13.0 mg/L (M1) 12.2 mg/L (CR1)
Possible reason for Action or Limit Level Non-compliance	Works scheduled on site on 16 Nov 2020 include reclamation works, levelling the slag materials, loading slag materials, formation of B9 loading platform, laying of rockfill and caisson installation.		
	Dominating sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.		
	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		

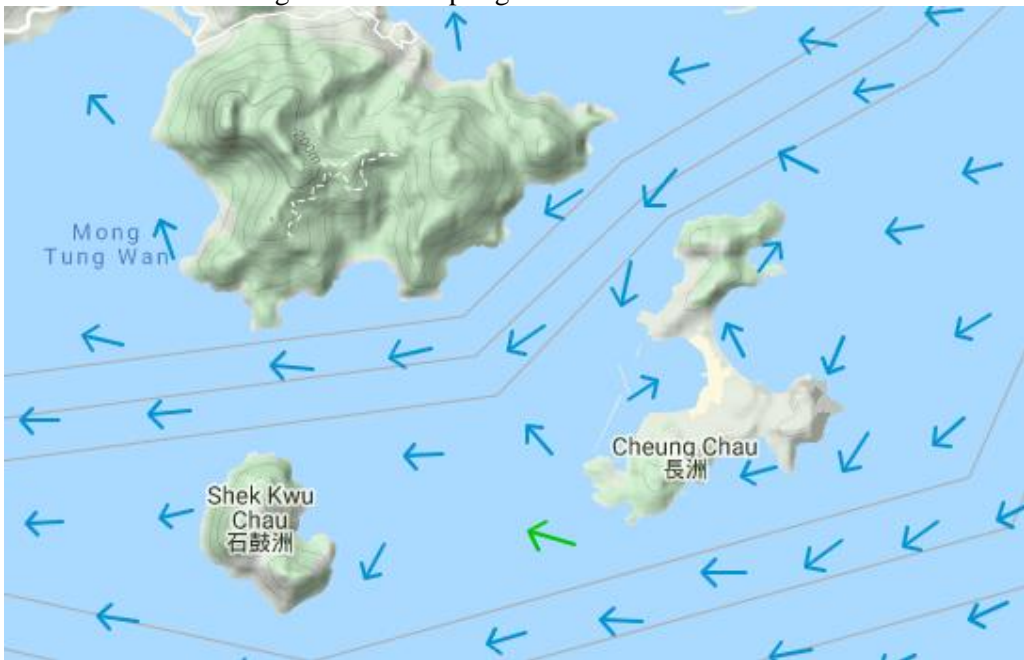
	<p>unrelated to the Project.</p> <p>CR2 is located close to the works location within the Project site while silt curtain checking by the Contractor was implemented on Marine Access (16 Nov 2020, 01:00pm), Eastern Silt Curtain (16 Nov 2020, 01:00pm), GD851 (16 Nov 2020, 07:00am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 16 Nov 2020, MMO team was arranged for one crane barge (GD-851), silt curtain at western marine access area and the eastern silt curtain 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 10 Nov 2020. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.</p>
Actions taken / to be taken	<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>
Remarks	<p>Current direction during mid-ebb sampling on 16 Nov 2020:</p>  <p>Current direction during mid-flood sampling on 16 Nov 2020:</p>



Incident Report on Action Level or Limit Level Non-compliance

Project	Integrated Waste Management Facilities, Phase 1		
Date	18 Nov 2020 (Lab result received on 23 Nov 2020)		
Time	12:58 – 16:28 (Mid-Ebb) 08:00 – 13:00 (Mid Flood)		
Mid-Ebb			
Monitoring Location	<div>B1, B2, B3, CR2</div> <div></div>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 19.8 mg/L (120% of C1A)		≥ 21.5 mg/L (130% of C1A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	22.8 mg/L (B1) 22.8 mg/L (B2) 22.3 mg/L (B3) 20.8 mg/L (CR2)	16.5 mg/L (C1A) 18.7 mg/L (C2A)	18.3 mg/L (B4) 19.3 mg/L (F1A) 16.0 mg/L (H1) 16.8 mg/L (M1) 18.7 mg/L (CR1)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 18 Nov 2020 include reclamation works, levelling the slag materials, loading slag materials, laying of rockfill and Chinese pod installation.</p> <p>Dominating sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau.</p> <p>B1, B2 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>CR2 is located close to the works location within the Project site while silt curtain checking by the Contractor was implemented on Marine Access (18 Nov 2020, 01:00pm), Eastern Silt Curtain (18 Nov 2020, 01:00pm), GD851 (18 Nov 2020, 07:00am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 18 Nov 2020, MMO team was arranged for one</p>		

	<p>crane barge (GD-851), silt curtain at western marine access area and the eastern silt curtain 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 17 Nov 2020 while some soil was observed on the edge of vertical seawall and this observation had been rectified immediately by Contractor. However, according to the rationale in previous paragraphs, this observation might not contribute to the increase of the suspended solids recorded.</p>		
Mid-Flood			
Monitoring Location	<p>CR2</p> 		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 23.8 mg/L (120% of C2A)		≥ 25.8 mg/L (130% of C2A)
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	24.3 mg/L (CR2)	21.2 mg/L (C1A) 19.8 mg/L (C2A)	13.3 mg/L (B1) 23.8 mg/L (B2) 22.3 mg/L (B3) 21.0 mg/L (B4) 23.7 mg/L (F1A) 17.5 mg/L (H1) 23.2 mg/L (M1) 22.8 mg/L (CR1)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 18 Nov 2020 include reclamation works, levelling the slag materials, loading slag materials, laying of rockfill and Chinese pod installation.</p> <p>Dominating sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau.</p> <p>CR2 is located close to the works location within the Project site while silt curtain checking by the Contractor was implemented on Marine Access (18 Nov 2020,</p>		

	<p>01:00pm), Eastern Silt Curtain (18 Nov 2020, 01:00pm), GD851 (18 Nov 2020, 07:00am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 18 Nov 2020, MMO team was arranged for one crane barge (GD-851), silt curtain at western marine access area and the eastern silt curtain 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 17 Nov 2020 while some soil was observed on the edge of vertical seawall and this observation had been rectified immediately by Contractor. However, according to the rationale in previous paragraphs, this observation might not contribute to the increase of the suspended solids recorded.</p>
Actions taken / to be taken	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.
Remarks	<p>Current direction during mid-ebb sampling on 18 Nov 2020:</p>  <p>Current direction during mid-flood sampling on 18 Nov 2020:</p>

