

Appendix N Exceedance Report

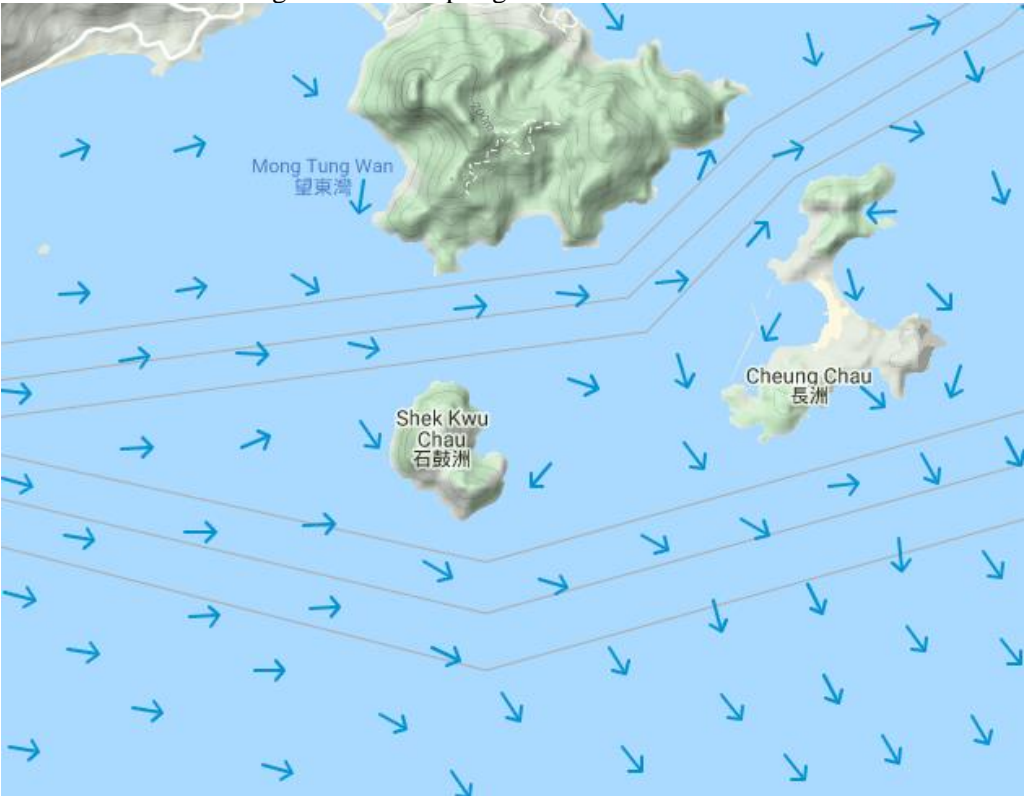
Statistical Summary of Exceedances in the Reporting Period

Water Quality (Regular DCM)			
Location	Action Level	Limit Level	Total
B1	1	0	1
B2	1	0	1
B3	0	0	0
B4	0	1	1
CR1	0	0	0
CR2	0	0	0
F1A	0	0	0
H1	0	0	0
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	13 Jan 2021 (Lab result received on 18 Jan 2021)		
Time	11:02 – 14:32 (Mid-Ebb)		
Monitoring Location	Mid-Ebb		
Monitoring Location	B2 		
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
	8.0 mg/L (B2)	6.3 mg/L (C1A) 5.8 mg/L (C2A)	6.5 mg/L (B1) 7.5 mg/L (B3) 7.0 mg/L (B4) 6.3 mg/L (F1A) 5.7 mg/L (H1) 4.8 mg/L (M1) 5.7 mg/L (CR1) 6.7 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	Works scheduled on site on 13 Jan 2021 include reclamation works, laying of rockfill and caisson installation. Dominating sea current direction was found to be from Northwest to Southeast at waters around Shek Kwu Chau. B2 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. Silt curtain checking by the Contractor was implemented on Marine Access (13 Jan 2021, 10:30am) and checking results showed that no deficiency of silt curtain was found on that day.		

	<p>From MMO monitoring records on 13 Jan 2021, MMO team was arranged for one derrick barge (金盈 8)) 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.</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 12 Jan 2021. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded.</p>										
<p>Remarks</p>	<p>Current direction during mid-ebb sampling on 13 Jan 2021:</p>  <table border="1" data-bbox="472 1413 986 1599"> <thead> <tr> <th colspan="2">Legend</th> </tr> <tr> <th>Speed (knot)</th> <th>Speed (knot)</th> </tr> </thead> <tbody> <tr> <td>0-0.5</td> <td>1.5-2.0</td> </tr> <tr> <td>0.5-1.0</td> <td>2.0-2.5</td> </tr> <tr> <td>1.0-1.5</td> <td>2.5 and above</td> </tr> </tbody> </table> <p>(Sourced from http://current.hydro.gov.hk/en/map.html)</p>	Legend		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
Legend											
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										
<p>Prepared by</p>	<p>Joe Ho</p>										
<p>Date</p>	<p>1 Feb 2021</p>										

Incident Report on Action Level or Limit Level Non-compliance

Project	Integrated Waste Management Facilities, Phase 1		
Date	31 Jan 2020 (Lab result received on 3 Feb 2021)		
Time	08:00 – 11:30 (Mid-Flood)		
Mid-Flood			
Monitoring Location	B1, B4, M1		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	≥ 9.0 mg/L (120% of C2A)		≥ 10.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	9.0 mg/L (B1) 11.5 mg/L (B4) 9.7 mg/L (M1)	7.7 mg/L (C1A) 7.5 mg/L (C2A)	8.0 mg/L (B2) 8.5 mg/L (B3) 8.2 mg/L (F1A) 8.3 mg/L (H1) 6.8 mg/L (CR1) 6.3 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	<p>Works scheduled on site on 31 Jan 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, B4 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 (31 Jan 2021, 07:00am) and checking results showed that no deficiency of silt curtain was found on that day.</p> <p>From MMO monitoring records on 31 Jan 2021, MMO team was arranged for one derrick barge (金盈 8) and silt curtain at western marine access area on that day while</p>		

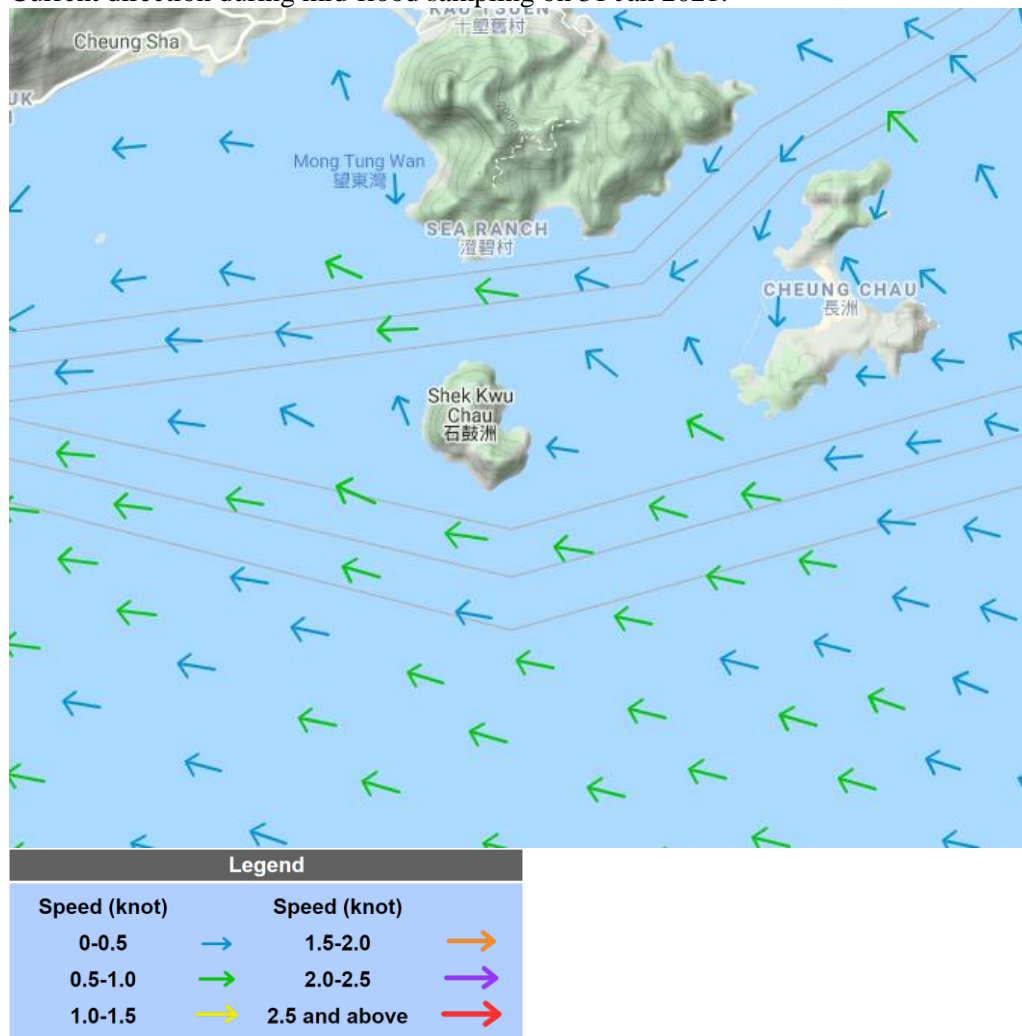
no deficiency of silt curtain was found before the commencement of and during construction activity.

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 27 Jan 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 31 Jan 2021:



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

Prepared by	Joe Ho
Date	4 Feb 2021