Contract No. EP/SP/66. Integrated Waste Mana	/12 gement Facilities, Phase 1	Keppel Seghers – Zhen Hua Joint Venture
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
В3	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)		
Mid-Ebb			
Monitoring Location	B2 B1 S1	PROPOSED OUTFALL + 4 PROPOSED 132KV SUBMARINE CABLES B3 H1 SHEK KWU CHAU PROPOSED RECLAIMED AREA FOR THE MAMF	Key A PROPOSED 132KV SUBMARINE CABLE
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level	Limit Leve	el
Treation de Emine De vens	$\geq 8.0 \text{ mg/L}$	≥ 10.0 mg/s	
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.		

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. 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 12 Jan 2021. No major observation of improper site practices that could contribute to the increase of the suspended solids recorded. Current direction during mid-ebb sampling on 13 Jan 2021: Remarks Cheuna Chai Shek Kwu Legend Speed (knot) Speed (knot) 0-0.5 1.5-2.0 2.0-2.5 0.5-1.0 1.0-1.5 2.5 and above (Sourced from http://current.hydro.gov.hk/en/map.html) Prepared by Joe Ho Date 1 Feb 2021

Incident Report on Action Level or Limit Level Non-compliance

	2020 (Lab result receited 11:30 (Mid-Flood) Mid-Flood, Mid-Flood,		2021)	
	Mid-Fl	ood		
	Mid-Fl	ood		
Monitoring Location B1, B2				
	+ B1 S1-	PROPOSED OUTFALL + SZA A PROPOSED I SUBMARNE CI PROPOSED RECLAIME FOR THE IMMF	H1 SHEK KWU CHAU CR2 S3 CR1	F1A N F1A N N N N N N N N N N N N N
Domomoton Sugmon	.d.d Calid (CC)			
	nded Solid (SS)		Timb Tand	
Action & Limit Levels Action			Limit Level	
	ng/L (120% of C2A)	G , 1 G, .:	$\geq 10.0 \text{ mg/L}$	T (C) (1)
I -	t Station(s) of	Control Stati	ons	Impact Station(s) without
Exceed		7.7 mg/L (C	1.4.)	Exceedance 8.0 mg/L (B2)
1	z/L (B1) ug/L (B4)	7.7 mg/L (C. 7.5 mg/L (C.		8.5 mg/L (B3)
	½/L (M1)	7.5 mg/L (C.	ZA)	8.2 mg/L (F1A)
9.7 mg	yL (WII)			8.3 mg/L (H1)
				6.8 mg/L (CR1)
				6.3 mg/L (CR2)
Possible reason for Action or Works	scheduled on site on 3	l 31 Ian 2021 in	clude reclamati	on works, laying of rockfill
Domin waters B1, B downs deeme Silt cu 2021, found	and caisson installation. Dominating sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau. 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. 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. 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			
derrick	x barge (金盈 8)) and s Page 1		estern marine a	ccess 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 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:	
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	Cheung Sha	
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	Mong Tung Wan	
	望東灣	
	SEA RANCH	
	とくと	
	CHEUNG CHAU 長洲	
	+ + + - K	
	+	
	Shek Kwu Chaul	
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	the the	
	t the terms of the	
	, c K L K	
	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 —>	
	(Sourced from http://current.hydro.gov.hk/en/map.html)	
Prepared by	Joe Ho	
Date	4 Feb 2021	
Butte		