

<u>Appendix G</u> <u>Event/Action Plan for Water Quality</u> <u>Exceedance</u>

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Contract No. PI 2/2020 Environmental Monitoring Works for Lei Yue Mun Waterfront Enhancement Project 28th Monthly EM&A Report (August 2023)



sustainability

EVENT	ACTION										
EVENT	ET	IEC	ER	CONTRACTOR							
Action level being exceeded by one sampling day	 Repeat <i>in-situ</i> measurement to confirm findings; Identify reasons for non- compliance and source(s) of impact; Inform IEC and Contractor; Check monitoring data, all plants, equipment and Contractor's working methods; Discuss mitigation measures with IEC and Contractor; (The above actions should be taken within 1 working day after the exceedance is identified) Repeat measurement on next day of exceedance. 	 Discuss with ET and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; Assess the effectiveness of the implemented mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified) 	 Discuss with IEC on the proposed mitigation measures; Make agreement on the mitigation measures to be implemented. Assess the effectiveness of the implemented mitigation measures (The above actions should be taken within 1 working day after the exceedance is identified) 	 Inform the ER and confirm notification of the non- compliance in writing; Rectify unacceptable practice; Check all plants and equipment; Consider changes of working methods; Discuss with ET and IEC and propose mitigation measures to IEC and ER; Implement the agreed mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified) 							
Action level being exceeded by more than one consecutive sampling days	 Repeat <i>in-situ</i> measurement to confirm findings; Identify reasons for non- compliance and source(s) of impact; Inform IEC and Contractor; Check monitoring data, all plants, equipment and Contractor's working methods; Discuss mitigation measures with IEC and Contractor; Ensure mitigation measures are implemented; Prepare to increase the monitoring frequency to daily; (The above actions should be taken within 1 working day after the exceedance is identified) Repeat measurement on next working day of exceedance. 	 Discuss with ET and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; Assess the effectiveness of the implemented mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified) 	 Discuss with IEC on the proposed mitigation measures; Make agreement on the mitigation measures to be implemented; Assess the effectiveness of the implemented mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified) 	 Inform the ER and confirm notification of the non- compliance in writing; Rectify unacceptable practice; Check all plants and equipment; Consider changes of working methods; Discuss with ET and IEC and propose mitigation measures to IEC and ER within 3 working days; Implement the agreed mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified) 							

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EVENT	ACTION									
EVENT		ET		IEC		ER		CONTRACTOR		
Limit level being exceeded by one sampling day	1. 2.	compliance and source(s) of impact;	1. 2.	Discuss with ET and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the ER	1. 2.	Discuss with IEC, ET and Contractor on the proposed mitigation measures; Request Contractor to critically review the working methods;	1. 2. 3.	Inform the ER and confirm notification of the non- compliance in writing; Rectify unacceptable practice; Check all plants and equipment;		
	3. 4. 5.	Inform IEC, Contractor and EPD; Check monitoring data, all plants, equipment and Contractor's working methods; Discuss mitigation measures	3. 4.	accordingly; Assess the effectiveness of the implemented mitigation measures. (The above actions should be	3. 4.	Make agreement on the mitigation measures to be implemented; Assess the effectiveness of the implemented mitigation	4. 5.	Consider changes of working methods; Discuss with ET, IEC and ER and Propose mitigation measures to IEC and ER within 3 working		
	6.	with IEC, ER and Contractor; Ensure mitigation measures are implemented;		taken within 1 working day after the exceedance is identified)	5.	measures.	6.	days;		
	7.	frequency to daily until no exceedance of Limit level.				the exceedance is identified)				
	8.	(The above actions should be taken within 1 working day after the exceedance is identified)								
Limit level being	1.	Repeat in-situ measurement to	1.	Discuss with ET and Contractor	1.	Discuss with IEC, ET and	1.			
exceeded by	~	confirm findings;		on the mitigation measures;		Contractor on the proposed		notification of the non-		
more than one	2.	Identify reasons for non- compliance and source(s) of	2.	Review proposals on mitigation measures submitted by	2.	mitigation measures; Request Contractor to critically	2.	compliance in writing; Rectify unacceptable practice;		
consecutive		impact;		Contractor and advise the ER	2.	review the working methods;	2. 3.	Check all plants and equipment;		
sampling day	3.	Inform IEC, Contractor and EPD;		accordingly;	3.	Make agreement on the	4.			
	4.	Check monitoring data, all	3.	Assess the effectiveness of the		mitigation measures to be		methods:		
		plants, equipment and		implemented mitigation		implemented;	5.	Discuss with ET, IEC and ER and		
		Contractor's working methods;		measures.	4.	Assess the effectiveness of the		Propose mitigation measures to		
	5.	Discuss mitigation measures	4.	(The above actions should be		implemented mitigation		IEC and ER within 3 working		
		with IEC, ER and Contractor;		taken within 1 working day after		measures.	-	days;		
	6.	Ensure mitigation measures are		the exceedance is identified)	5.	Consider and instruct, if	6.	Implement the agreed		
	7.	implemented; Increase the monitoring				necessary, the Contractor to slow down or to stop all or part	7	mitigation measures; As directed by the ER, to slow		
	1.	frequency to daily until no				of the dredging and sand filling	1.	down or stop all or part of the		
		exceedance of Limit level for 2				work until no exceedance of		dredging and sand filling work.		
		consecutive days.				Limit level.				
	8.	(The above actions should be			6.	(The above actions should be				
		taken within 1 working day after				taken within 1 working day after				
		the exceedance is identified)				the exceedance is identified)				

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