Mott MacDonald | Agreement No. CE59/2020(EP) Environmental Monitoring and Audit for Disposal Facility to the East of Sha Chau (2021-2026) – Investigation Monthly EM&A Report for Contaminated Mud Pits to the East of Sha Chau – May 2025

Appendix A. Sampling Schedule

East of Sha Chau CMPs Environmental Monitoring and Audit Sampling Schedule (January 2021 - March 2026)

Parameter / Station Type Pit Specific Sediment C		Frequency	2021 2022 2026 2026 2026 2026 2026 2026
Active-Pit Pit-Edge	ESC-NPAA ESC-NPAB	Monthly Monthly	6 6
Near-Pit	ESC-NEAA ESC-NEAB	Monthly Monthly	6 6
Near-Pit	ESC-NNAA ESC-NNAB	Monthly Monthly	6 6
Cumulative Impact Sedi Near-field Stations			
Mid-field Stations	ESC-RNA ESC-RNB1	4 times per year 4 times per year	6 6 6 6 6 2
Capped Pit Stations	ESC-RMA ESC-RMB	4 times per year 4 times per year	6 6 6 6 6 2
Far-field Stations	ESC-RCA1 ESC-RCB1	4 times per year 4 times per year	6 6 6 6 2 <th2< th=""> <th2< th=""> <th2< th=""></th2<></th2<></th2<>
	ESC-RFA ESC-RFB	4 times per year 4 times per year	6 6 6 6 6 2
Ma Wan Station	MW1	4 times per year	
Sediment Toxicity Tests Near-pit Stations	ESC-TDA	2 times per year	Jan Feb Mar Apr May Jan Jul Jag Sep Oct Nov Dec Jan Feb Mar Apr May Jan Jan Feb Mar Apr May Jan Jan Feb Mar Apr May Jan Feb Mar Apr May Jan Jan Feb Mar Apr May
Reference Stations	ESC-TDB1 ESC-TRA	2 times per year 2 times per year	5 5
Ma Wan Station	ESC-TRB	2 times per year	
Tissue / Whole Body Sa	MW1	2 times per year	
Near-pit Stations	ESC-INA ESC-INB	2 times per year 2 times per year	
Reference North	TNA	2 times per year	
Reference South	TNB TSA TSB	2 times per year 2 times per year 2 times per year	
Demersal Trawling	198	2 times per year	Jan Feb Mar Apri May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apri May Jun Jul Aug Sep
Near-pit Stations	ESC-INA ESC-INB	4 times per year 4 times per year	5 5
Reference North	TNA TNB	4 times per year 4 times per year	S 6 5 6 5 6 5
Reference South	TSA TSB	4 times per year 4 times per year	6 5
Capping *		por you	
Impact Station Downcur	ESC-IPE1A	4 times per year *	
	ESC-IPE2A ESC-IPE3 ESC-IPE4	4 times per year * 4 times per year * 4 times per year *	
Intermediate Station Do	ESC-INE1A	4 times per year * 4 times per year *	
	ESC-INE2A ESC-INE3A ESC-INE4A	4 times per year * 4 times per year * 4 times per year *	
Reference Station Upcu	ESC-INE5A		
	ESC-RFE2 ESC-RFE3	4 times per year * 4 times per year * 4 times per year *	
Ma Wan Station		4 times per year *	
Flood Tide		4 times per year *	
Impact Station Downcu	ESC-IPF1 ESC-IPF2	4 times per year * 4 times per year *	
Intermediate Station Do	ESC-INF1	4 times per year * 4 times per year *	
Reference Station Upcu		4 times per year * 4 times per year *	
	ESC-RFF2A	4 times per year * 4 times per year * 4 times per year *	
Ma Wan Station	MW1	4 times per year *	
Routine Water Quality M Ebb Tide Impact Station Downcur			Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Ju
	ESC-IPE1A ESC-IPE2A ESC-IPE3	Monthly* Monthly* Monthly*	4 2 2
Intermediate Station Do	ESC-IPE4 ESC-IPE5	Monthly* Monthly*	4 4 4 4 4 4 4 2
	ESC-INE1A ESC-INE2A	Monthly*	4 4 4 4 4 4 4 4 2
Potoronae Station II	ESC-INE3A ESC-INE4A ESC-INE5A	Monthly* Monthly* Monthly*	4 4 4 4 4 4 4 4 2
Reference Station Upcu	ESC-RFE1 ESC-RFE2	Monthly* Monthly*	4 4 4 4 4 4 4 2
	ESC-RFE3 ESC-RFE4 ESC-RFE5	Monthly* Monthly* Monthly*	4 4 4 4 4 4 4 4 4 2
Ma Wan Station	MW1	Monthly*	
Flood Tide Impact Station Downcur	ESC-IPF1	Monthly*	4 4 4 4 4 4 2
Intermediate Station Do	ESC-IPF2 ESC-IPF3 wncurrent	Monthly* Monthly*	4 4 4 4 4 4 4 4 2
	ESC-INF1 ESC-INF2 ESC-INF3	Monthly* Monthly* Monthly*	4 4 4 4 4 4 4 2
Reference Station Upcu		Monthly*	4 4 4 4 4 4 4 2
Ma Wan Station	ESC-RFF3	Monthly*	1 1
Water Column Profiling		wortully	4 4 4 4 4 4 4 4 4 4 4 4 4 4 2 2 2 2 2 2
Plume Stations	WCP1 WCP2	Monthly* Monthly*	2 2
Benthic Recoloinisation Capped Stations at CMF	٧٧		
	ESCV-CPA ESCV-CPB ESCV-CPC	2 times per year 2 times per year 2 times per year	
Reference Stations	ESCV-CPD RBA	2 times per year 2 times per year	
	RBA RBB RBC1	2 times per year 2 times per year 2 times per year	

RBB	2 times per year			
RBC1	2 times per year			

Impact Monitoring for Dredging		Ja	Feb I	Mar A	pr M	ay Ju	n Jul	Aug	Sep	Oct	Nov	Dec	Jan I	eb I	Mar	Apr	May	/ Ju	n Ju	A IL	ug	Sep	Oct	Nov	De	c Jan	Feb	Ma	r Ap	Ma	Ju	n Ju	l Au	g Se	p Oc	No	v De	c Ja	n Fel	b Ma	r Ap	or M	ay Ji	n Ju	I A	ug Si	ep Oo	t No	v De	ic Ja	n Fe	o Mar	Арі	Ma	y Ji	un J	ul A	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Ma
Upstream Stations																																																																	
US1	3 times per week	(2	2	2	2	2																																															_
US2	3 times per week	(2	2	2	2	2																																															
Downstream Stations																																																																	
DS1	3 times per week	(2	2	2	2	2																																															_
DS2	3 times per week	(2	2	2	2	2																																															_
DS3	3 times per week	([[\square											2	2	2	2	2																								Т																							_
DS4	3 times per week													2	2	2	2	2																																															_
DS5	3 times per week													2	2	2	2	2																																															_
Ma Wan Station			_																																																				_							-			
MW1	3 times per week	(T	2	2	2	2	2							T			T				T								T	T	T																							_

Notes: (1) The number shown in each cell represents the numbers of replicates per monitoring station. The number shown in green bolded text represented monitoring works have been conducted before/ during the reporting period of this Monthly EM&A Report, while the number shown in black represent planned monitoring works after the reporting period of this Monthly EM&A Report.

(2) For the planned Routine Water Quality Monitoring (i.e. the numbers of replicates per monitoring station shown in black), the monitoring will be conducted at mid-ebb OR mid-flood tide. The yearly tidal selection of this monitoring will be based on a principle to obtain 6 months monitoring data at mid-ebb, and 6 months monitoring data at mid-flood.

(3) Impact Monitoring for Dredging will be scheduled when dredging operations commence.

(3) Impact Monitoring for Dredging will be scheduled when dredging operations commence.
 (4) Benthic Reclouisation Studies for CMP V will be scheduled when dredging operations commence.
 (4) Benthic Reclouisation Studies for CMP V will be scheduled when dredging operations for CMP V is completed.
 * A proposal on the change of number of sample replication of water quality Aster Quality Monitoring and water quality monitoring and water quality monitoring during capping operation as submitted to EPD and agreed by EPD on 3 December 2020. The proposed changes have been implemented for the EM&A activities since December 2020. Vater Quality Monitoring during capping operation are quality and sequence that Phase 2 optimization of sample replication of water quality and ediment monitoring for the Project will be implemented in 2022 was provided to EPD in April 2022. Phase 2 optimization of sample replication for adare quality and deversely affecting the supply of international species adopted in testing programme of Sediment Toxicity Tests, as such, Sediment Toxicity Tests, as such sediment 2022.
 * To enable the required Research Fishing Permit could be granted by the time undertaking the Demensal Traving, trawing originally scheduled in July and August 2022 was postponed to August and September 2022.