Appendix D Event / Action Plan for Water Quality Exceedance

Event	Action				
	ET	IEC	SO	Contractor	
Action level being exceeded by one sampling day	Repeat in-situ measurement to confirm findings; Identify source(s) of impact; Inform IEC and Contractor; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC and Contractor; Repeat measurement on next day of exceedance. (The above actions should be taken within 1 working day after the exceedance is identified)	Discuss with ET and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the SO 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. (The above actions should be taken within 1 working day after the exceedance is identified)	Inform the SO and confirm notification of the non- compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET and IEC and propose mitigation measures to IEC and SO within 3 working days; 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	Identify source(s) of impact; Inform IEC and Contractor; Check monitoring data, all plant, 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; Repeat measurement on next working day of exceedance. (The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days)	Discuss with ET and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the SO accordingly; Assess the effectiveness of the implemented mitigation measures. (The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days)	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 Action Level being exceeded by two consecutive sampling days)	Inform the SO and confirm notification of the non- compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET and IEC and propose mitigation measures to IEC and SO within 3 working days; Implement the agreed mitigation measures. (The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days)	

Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1

Keppel Seghers – Zhen Hua Joint Venture

Event	Action				
	ET	IEC	SO	Contractor	
Limit level	Inform the SO and confirm	Discuss with ET and	Discuss with IEC, ET and	Inform the SO and confirm	
being exceeded	notification of the non-	Contractor on the mitigation	Contractor on the proposed	notification of the non-	
by one	compliance in writing;	measures;	mitigation measures;	compliance in writing;	
sampling day	Rectify unacceptable practice;	Review proposals on	Request Contractor to	Rectify unacceptable practice;	
	Check all plant and	mitigation measures submitted	critically review the working	Check all plant and	
	equipment;	by Contractor and advise the	methods;	equipment;	
	Consider changes of working	SO accordingly;	Make agreement on the	Consider changes of working	
	methods;	Assess the effectiveness of	mitigation measures to be	methods;	
	Discuss with Contractor, IEC	the implemented mitigation	implemented.	Discuss with ET, IEC and SO	
	and SO and propose	measures.	Assess the effectiveness of	and propose mitigation	
	mitigation measures to IEC	(The above actions should be	the implemented measures.	measures to IEC and SO	
	and SO within 3 working days;	taken within 1 working day	(The above actions should be	within 3 working days;	
	Implement the agreed	after the exceedance is	taken within 1 working day	Implement the agreed	
	mitigation measures.	identified)	after the exceedance is	mitigation measures.	
	(The above actions should be		identified)	(The above actions should be	
	taken within 1 working day			taken within 1 working day	
	after the exceedance is			after the exceedance is	
	identified)			identified)	

Event	Action				
	ET	IEC	SO	Contractor	
Limit level	Identify source(s) of impact;	Discuss with ET and	Discuss with IEC, ET and	Inform the SO and confirm	
being exceeded	Inform IEC, Contractor and	Contractor on the mitigation	Contractor on the proposed	notification of the non-	
by more than	EPD;	measures;	mitigation measures;	compliance in writing;	
one	Check monitoring data, all	Review proposals on	Request Contractor to	Rectify unacceptable practice;	
consecutive	plant, equipment and	mitigation measures submitted	critically review the working	Check all plant and	
sampling days	Contractor's working methods.	by Contractor and advise the	methods;	equipment;	
	Discuss mitigation measures	SO accordingly;	Make agreement on the	Consider changes of working	
	with IEC, SO and Contractor.	Assess the effectiveness of	mitigation measures to be	methods;	
	Ensure mitigation measures	the implemented mitigation	implemented.	Discuss with ET, IEC and SO	
	are implemented;	measures.	Assess the effectiveness of	and propose mitigation	
	Increase the monitoring	(The above actions should be	the implemented measures.	measures to IEC and SO	
	frequency to daily until no	taken within 1 working day	Consider and instruct, if	within 3 working days;	
	exceedance of Limit level for	after Limit Level being	necessary, the Contractor to	Implement the agreed	
	two consecutive days.	exceeded by two consecutive	slow down or to stop all or part	mitigation measures;	
	(The above actions should be	sampling days)	of the marine work until no	As directed by the SOR, to	
	taken within 1 working day		exceedance of Limit level.	slow down or to stop all or part	
	after Limit Level being		(The above actions should be	of the marine work or	
	exceeded by two consecutive		taken within 1 working day	construction activities.	
	sampling days)		after Limit Level being	(The above actions should be	
			exceeded by two consecutive	taken within 1 working day	
			sampling days)	after Limit Level being	
				exceeded by two consecutive	
				sampling days)	