Appendix E:
Event and Action Plans

Appendix E1: Event and Action Plan for Air Quality

Event	Action			
	ET	IEC	AAHK/PM	Contractor
Action level exceedance for one sample	• Repeat measurement to confirm finding; • If exceedance is confirmed, inform Contractor, IEC and AAHK /PM. • Identify sources, investigate the causes of exceedance and propose remedial measures. • Discuss with the Contractor, IEC and AAHK/PM on the remedial measures required. • Increase monitoring frequency to daily.	• Check monitoring data submitted by ET. • Check Contractor's working methods. • Discuss with ET, AAHK/PM and Contractor on possible remedial measures. • Review and advise ET and AAHK/PM on the effectiveness of the proposed remedial measures.	• Confirm receipt of notification of exceedance in writing.	• Identify source(s), investigate the causes of exceedance and propose remedial measures. • Implement remedial measures. • Amend working methods agreed with the AAHK/PM as appropriate.
Action level exceedance for two or more consecutive samples	• Repeat measurements to confirm findings. • If exceedance is confirmed, inform Contractor, IEC and AAHK /PM. • Identify sources, investigate the causes of exceedance and propose remedial measures. • Advise the Contractor and AAHK/PM on the effectiveness of the proposed remedial measures; • Increase monitoring frequency to daily. • If exceedance continues, arrange meeting with the IEC, Contractor and AAHK/PM to discuss measures to be taken. • If exceedance stops, cease additional monitoring.	• Check monitoring data submitted by ET. • Check the Contractor's working methods. • Discuss with the ET, AAHK/PM and Contractor on possible remedial measures. • Review and advise ET, AAHK/PM on the effectiveness of proposed remedial measures.	• Confirm receipt of notification of exceedance in writing. • In consultation with ET and IEC agree with Contractor on the remedial measures to be implemented. • Supervise implementation of remedial measures.	• Identify source(s), investigate the causes of exceedance and propose remedial measures. • Submit proposals for remedial measures to AAHK/PM, ET and IEC within 3 working days of notification for agreement. • Implement the agreed proposals. • Amend proposal as appropriate.

Event	Action			
	ET	IEC	AAHK/PM	Contractor
Limit level exceedance for one sample	• Repeat measurement to confirm finding. • If exceedance is confirmed, inform IEC, AAHK/PM, Contractor and EPD. • Increase monitoring frequency to daily. • Discuss with the AAHK/PM, IEC and Contractor on the remedial measures and assess effectiveness. • Keep IEC, AAHK/PM and EPD informed of the results of the effectiveness of remedial measures.	• Check monitoring data submitted by ET. • Check Contractor's working methods. • Discuss with the ET, AAHK/PM and Contractor on possible remedial measures. • Review and advise ET and AAHK/PM on the effectiveness of the proposed remedial measures.	• Confirm receipt of the notification of exceedance in writing. • Review and agree on the remedial measures proposed by Contractor. • Ensure remedial measures are properly implemented. • Supervise implementation of remedial measures.	• Identify source(s), investigate the causes of exceedance and propose remedial measures. • Take immediate action to avoid further exceedance. • Submit proposals for remedial measures to AAHK/PM, ET and IEC within 3 working days of notification for agreement. • Implement the agreed proposals. • Amend proposals as appropriate.
Limit level exceedance for two or more consecutive samples	• Repeat measurements to confirm findings. • If exceedance is confirmed, inform IEC, AAHK/PM, Contractor and EPD. • Increase monitoring frequency to daily. • Carry out analysis of the Contractor's working procedures to determine the possible mitigation to be implemented. • Arrange meeting with IEC and AAHK/PM to discuss the remedial measures to be taken. • Assess the effectiveness of the Contractor's remedial measures and keep the IEC, EPD and AAHK/PM informed of the results. • If exceedance stops, cease additional monitoring.	• Check monitoring data submitted by ET • Discuss amongst AAHK/PM, ET and Contractor on the potential remedial measures. • Review the Contractor's remedial action whenever necessary to assure their effectiveness and advise AAHK/PM and ET accordingly.	• Confirm receipt of the notification of exceedance in writing. • In consultation with IEC and ET, agree with Contractor on the remedial measures to be implemented. • Supervise the implementation of remedial measures to be implemented. • If exceedance continues, consider what portion of works is responsible and instruct the Contractor to stop that portion of works until the exceedance is abated.	• Identify source(s), investigate the causes of exceedance and propose remedial measures. • Take immediate action to avoid further exceedance. • Submit proposals for remedial measures to the AAHK/PM and copy to the IEC and ET within 3 working days of notification. • Implement the agreed proposals. • Review and resubmit proposals if problems still not under control. • Stop the relevant portion of works as determined by AAHK/PM until the exceedance is abated.

Note: ET – Environmental Team; PM – Project Manager; IEC – Independent Environmental Checker; AAHK – Airport Authority Hong Kong

Appendix E2: Event and Action Plan for Construction Noise

Event	Action			
	ET	IEC	AAHK/PM	Contractor
Action Level	• Notify IEC, AAHK/PM and Contractor. • Identify source and carry out investigation. • Report the results of investigation to the IEC and Contractor. • Discuss jointly with the AAHK/PM and Contractor and formulate remedial measures. • Increase the monitoring frequency to check the effectiveness of mitigation measures.	• Review the analysed results submitted by ET. • Review the construction methods and proposed remedial measures by the Contractor, and advise the ET and AAHK/PM accordingly.	• Confirm receipt of the notification of failure in writing. • Notify Contractor. • Require Contractor to propose remedial measures for the analysed noise problem. • Ensure remedial measures are properly implemented.	• Identify source, and carry out investigation and report the investigation to ET, IEC and AAHK/PM. • Submit noise mitigation proposals to ET, IEC and AAHK/PM. • Implement noise mitigation proposals.
Limit Level	• Notify IEC, AAHK/PM, Contractor and EPD. • Identify sources and carry out investigation. • Repeat measurements to confirm findings. • Increase the monitoring frequency. • Carry out analysis of the Contractor's working procedures to determine possible mitigations to be implemented. • Record and inform IEC, AAHK/PM and EPD the causes and action taken for the exceedances. • Assess the effectiveness of the Contractor's remedial action and keep the IEC, AAHK/PM and EPD informed of the results. • If exceedance stops, cease additional monitoring.	• Check monitoring results and discuss amongst the AAHK/PM, ET and Contractor on the potential remedial actions. • Ensure remedial measures implemented properly. • Review Contractor remedial actions whenever necessary to assure their effectiveness and advise the AAHK/PM accordingly.	• Confirm receipt of notification of exceedance in writing. • Notify Contractor. • Require Contractor to propose remedial measures for the analysed noise problems. • Ensure remedial measures are properly implemented. • If exceedance continues, consider what portion of work is responsible and instruct the Contractor to stop that portion of works until the exceedance is abated.	• Identify source, and carry out investigation and report the investigation to ET, IEC and AAHK/PM. • Take immediate action to avoid further exceedance. • Submit proposals for remedial actions to ET, IEC and AAHK/PM within 3 working days of notification. • Implement the agreed proposals. • Resubmit proposals if problems still not under control. • Stop the relevant portion of works as determined by the AAHK/PM until the exceedance is abated.

Note: ET – Environmental Team; PM – Project Manager; IEC – Independent Environmental Checker; AAHK – Airport Authority Hong Kong

Appendix E3: Event and Action Plan for Water Quality

Event	Action			
	ET	IEC	AAHK/PM	Contractor
Action level exceedance for one sample	• Inform IEC, Contractor and AAHK/PM. • Check monitoring data, all plant, equipment and Contractor's working methods. • Discuss mitigation measures with IEC, Contractor and AAHK/PM.	• Discuss with ET, Contractor and AAHK/PM on the mitigation measures. • Review proposals on mitigation measures submitted by Contractor and advise AAHK/PM accordingly. • Review and advise ET and AAHK/PM on the effectiveness of the implemented mitigation measures.	• Discuss with IEC, ET and Contractor on the implemented mitigation measures. • Make agreement on the mitigation measures to be implemented. • Supervise the implementation of agreed remedial measures.	• Identify source(s) of impact. • Inform AAHK/PM 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, IEC and AAHK/PM and propose mitigation measures to IEC and AAHK/PM. • Implement the agreed mitigation measures.
Action level being exceeded by two or more consecutive sampling days	• Repeat in-situ measurement on next day of exceedance to confirm findings. • Inform IEC, Contractor and AAHK/PM. • Check monitoring data, all plant, equipment and Contractor's working methods. • Discuss mitigation measures with IEC, Contractor and AAHK/PM. • Ensure mitigation measures are implemented.	• Discuss with ET, Contractor and AAHK/PM on the mitigation measures. • Review the proposed mitigation measures submitted by Contractor and advise the AAHK/PM accordingly. • Review and advise ET and AAHK/PM on the effectiveness of the implemented mitigation measures.	• Discuss with ET, IEC and Contractor on the proposed mitigation measures. • Make agreement on the mitigation measures to be implemented. • Discuss with ET, IEC and Contractor on the effectiveness of the implemented mitigation measures.	• Identify source(s) of impact. • Inform AAHK/PM 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, IEC and AAHK/PM and submit proposal of mitigation measures to IEC and AAHK/PM within 3 working days of notification. • Implement the agreed mitigation measures.

Event	Action			
	ET	IEC	AAHK/PM	Contractor
Limit level exceedance for one sample	• Repeat measurement on next day of exceedance to confirm findings. • Inform IEC, Contractor and AAHK/PM. • Rectify unacceptable practice. • Check monitoring data, all plant, equipment and Contractor's working methods. • Discuss mitigation measures with IEC, AAHK/PM and Contractor. • Ensure the agreed mitigation measures are implemented.	• Discuss with ET, Contractor and AAHK/PM on the implemented mitigation measures. • Review the proposed mitigation measures submitted by Contractor and advise the AAHK/PM accordingly. • Review and advise ET and AAHK/PM on the effectiveness of the implemented mitigation measures.	• Discuss with IEC, ET and Contractor on the implemented mitigation measures. • Request Contractor to critically review the working methods. • Make agreement on the mitigation measures to be implemented. • Review and advise ET and AAHK/PM on the effectiveness of the implemented mitigation measures.	• Identify source(s) of impact. • Inform AAHK/PM 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, IEC and AAHK/PM and submit proposal of additional mitigation measures to IEC and AAHK/PM within 3 working days of notification. • Implement the agreed mitigation measures.
Limit level exceedance for two or more consecutive samples	• Inform IEC, Contractor, AAHK / PM; • Identify reasons for non-compliance and source(s) of impact; • Check monitoring data, all plant, equipment and Contractor's working methods; • Discuss mitigation measures with IEC, AAHK / PM and Contractor; • Ensure mitigation measures are implemented; • Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days.	• Discuss with ET, Contractor and AAHK/PM on the implemented mitigation measures. • Review the proposed mitigation measures submitted by Contractor and advise AAHK/PM accordingly. • Review and advise ET and AAHK/PM on the effectiveness of implemented mitigation measures.	• Discuss with IEC, ET and Contractor on the implemented mitigation measures. • Request Contractor to critically review the working methods. • Make agreement on the mitigation measures to be implemented. • Discuss with ET and IEC on the effectiveness of the implemented mitigation measures. • Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the construction activities until no exceedance of Limit level.	• Identify source(s) of impact. • Inform AAHK/PM and confirm notification of non- compliance in writing. • Rectify unacceptable practices. • Check all plant and equipment. • Consider changes of working method. • Discuss with ET, IEC and AAHK/PM and submit proposal of additional mitigation measures to IEC and AAHK/PM within 3 working days of notification • Implement the agreed mitigation measures; • As directed by the AAHK/PM, to slow down or to stop all or part of the construction activities.

Note: ET – Environmental Team; PM – Project Manager; IEC – Independent Environmental Checker; AAHK – Airport Authority Hong Kong