

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