

Appendix J – Event and Action Plan

Table J-1 Event and Action Plan for Water Quality Monitoring

Event	Action for Water Quality Monitoring			
	ET	IEC	ER	Contractor
Action level being exceeded by one sampling day	➤ Repeat in situ measurement on the next day of exceedance to confirm findings; ➤ Check monitoring data, plant, equipment and Contractor(s)'s working methods; ➤ Identify source(s) of impact and record in notification of exceedance; ➤ Inform IEC, Contractor(s) ➤ and ER	➤ Check monitoring data submitted by ET and Contractor(s)'s working methods; ➤ Inform EPD and AFCD.	➤ Confirm receipt of notification of exceedance in writing	➤ Confirm receipt of notification of exceedance in writing; ➤ Check plant and equipment and rectify unacceptable practice
Action level being exceeded by two or more consecutive sampling days	➤ Repeat in situ measurement on the next day of exceedance to confirm findings; ➤ Check monitoring data, plant, equipment and Contractor(s)'s working methods; ➤ Identify source(s) of impact and record in notification of exceedance; ➤ Inform IEC, Contractor(s) and ER; ➤ Discuss with IEC and Contractor(s) on additional mitigation measures and ensure that they are implemented.	➤ Check monitoring data submitted by ET and Contractor(s)'s working methods; ➤ Inform EPD and AFCD; ➤ Discuss with ET and Contractor(s) on additional mitigation measures and advise ER accordingly; ➤ Assess the effectiveness of the implemented mitigation measures.	➤ Confirm receipt of notification of exceedance in writing; ➤ Discuss with the IEC on the proposed additional mitigation measures and agree on the mitigation measures to be implemented. ➤ Ensure additional mitigation measures are properly implemented.	➤ Confirm receipt of notification of exceedance in writing; ➤ Check plant and equipment and rectify unacceptable practice; ➤ Consider changes of working methods; ➤ Discuss with ET and IEC on additional mitigation measures and propose them to ER within 3 working days; ➤ Implement the agreed mitigation measures.
Limit level being exceeded	➤ Repeat in situ measurement on the next day of exceedance to confirm findings; ➤ Check monitoring data, plant,	➤ Check monitoring data submitted by ET and Contractor(s)'s working methods;	➤ Confirm receipt of notification of exceedance in writing; ➤ Discuss with the IEC on the	➤ Confirm receipt of notification of exceedance in writing; ➤ Check plant and equipment and

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Event	Action for Water Quality Monitoring			
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by one sampling day	equipment and Contractor(s)'s working methods; ➤ Identify source(s) of impact and record in notification of exceedance; ➤ Inform IEC, Contractor(s) and ER; ➤ Discuss with IEC and Contractor(s) on additional mitigation measures and ensure that they are implemented.	➤ Inform EPD and AFCD; ➤ Discuss with ET and Contractor(s) on additional mitigation measures and advise ER accordingly; ➤ Assess the effectiveness of the implemented mitigation measures.	➤ proposed additional mitigation measures and agree on the mitigation measures to be implemented. ➤ Ensure additional mitigation measures are properly implemented. ➤ Request Contractor(s) to critically review the working methods.	rectify unacceptable practice; ➤ Critically review the need to change working methods; ➤ Discuss with ET and IEC on additional mitigation measures and propose them to ER within 3 working days; ➤ Implement the agreed mitigation measures.
Limit level being exceeded by two or more consecutive sampling days	➤ Repeat in situ measurement on the next day of exceedance to confirm findings; ➤ Check monitoring data, plant, equipment and Contractor(s)'s working methods; ➤ Identify source(s) of impact and record in notification of exceedance; ➤ Inform IEC, Contractor(s) and ER; ➤ Discuss with IEC and Contractor(s) on additional mitigation measures and ensure that they are implemented.	➤ Check monitoring data submitted by ET and Contractor(s)'s working methods; ➤ Inform EPD and AFCD; ➤ Discuss with ET and Contractor(s) on additional mitigation measures and advise ER accordingly; ➤ Assess the effectiveness of the implemented mitigation measures.	➤ Confirm receipt of notification of exceedance in writing; o Discuss with the IEC on the proposed additional mitigation measures and agree on the mitigation measures to be implemented. ➤ Ensure additional mitigation measures are properly implemented. ➤ Request Contractor(s) to critically review the working methods.	➤ Confirm receipt of notification of exceedance in writing; ➤ Check plant and equipment and rectify unacceptable practice; ➤ Critically review the need to change working methods; ➤ Discuss with ET and IEC on additional mitigation measures and propose them to ER within 3 working days; ➤ Implement the agreed mitigation measures.

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Table J-2 Event and Action Plan for Air Quality (Construction Dust)

Event	Action for Air Quality (Construction Dust)			
	ET	IEC	ER	Contractor
Action level being exceeded by one sampling	➤ Identify source, investigate the causes of complaint and propose remedial measures; ➤ Inform Contractor, IEC and ER; ➤ Repeat measurement to confirm finding; and ➤ Increase monitoring frequency to daily.	➤ Check monitoring data submitted by ET; ➤ Check Contractor's working method; and ➤ Review and advise the ET and ER on the effectiveness of the proposed remedial measures.	➤ Notify Contractor.	➤ Identify source(s), investigate the causes of exceedance and propose remedial measures; ➤ Implement remedial measures; and ➤ Amend working methods agreed with the ER as appropriate.
Action level being exceeded by two or more consecutive	➤ Identify source; ➤ Inform Contractor, IEC and ER; ➤ Advise the Contractor and ER on the effectiveness of the proposed remedial measures; ➤ Repeat measurements to confirm findings; ➤ Increase monitoring frequency to daily; ➤ Discuss with IEC and Contractor on remedial actions required; ➤ If exceedance continues, arrange meeting with Contractor, IEC and ER; and ➤ If exceedance stops, cease additional monitoring.	➤ Check monitoring data submitted by ET; ➤ Check Contractor's working method; ➤ Discuss with ET, ER and Contractor on possible remedial measures; ➤ Advise the ET and ER on the effectiveness of the proposed remedial measures; and ➤ Supervise Implementation of remedial measures.	➤ Confirm receipt of notification of exceedance in writing; ➤ Notify Contractor; ➤ Ensure remedial measures properly implemented.	➤ Identify source and investigate the causes of exceedance; ➤ Submit proposals for remedial measures to the ER with a copy to ET and IEC within three working days of notification; ➤ Implement the agreed proposals; and ➤ Amend proposal as appropriate.
Limit level being	➤ Identify source, investigate the causes of exceedance and propose remedial	➤ Check monitoring data submitted by ET;	➤ Confirm receipt of notification of exceedance in writing;	➤ Identify source(s) and investigate the causes of exceedance;

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Event	Action for Air Quality (Construction Dust)			
	ET	IEC	ER	Contractor
exceeded by one sampling	measures; ➤ Inform Contractor, IEC, ER, and EPD; ➤ Repeat measurement to confirm finding; ➤ Increase monitoring frequency to daily; and ➤ Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.	➤ Check Contractor's working method; ➤ Discuss with ET and Contractor on possible remedial measures; ➤ Advise the ER on the effectiveness of the proposed remedial measures; and ➤ Supervise implementation of remedial measures.	➤ Notify Contractor; ➤ Ensure remedial measures properly implemented.	➤ Take immediate action to avoid further exceedance; ➤ Submit proposals for remedial measures to ER with a copy to ET and IEC within three working days of notification; ➤ Implement the agreed proposals; and ➤ Amend proposal if appropriate.
Limit level being exceeded by two or more consecutive sampling	➤ Notify IEC, ER, Contractor and EPD; ➤ Identify source; ➤ Repeat measurement to confirm findings; ➤ Increase monitoring frequency to daily; ➤ Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; ➤ Arrange meeting with IEC and ER to discuss the remedial actions to be taken; ➤ Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; and ➤ If exceedance stops, cease additional monitoring.	➤ Check monitoring data submitted by the ET; ➤ Discuss amongst ER, ET, and Contractor on the potential remedial actions; ➤ Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; and ➤ Supervise the implementation of remedial measures.	➤ Confirm receipt of notification of exceedance in writing; ➤ In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented; ➤ Supervise the implementation of remedial measures; and ➤ If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	➤ Identify source(s) and investigate the causes of exceedance; ➤ Take immediate action to avoid further exceedance; ➤ Submit proposals for remedial measures to the ER with a copy to the IEC and ET within three working days of notification; ➤ Implement the agreed proposals; ➤ Revise and resubmit proposals if problem still not under control; and ➤ Stop the relevant portion of works as determined by the ER until the exceedance is abated.