
Appendix C

Event and Action Plan

Appendix C Event and Action Plan

Event and Action Plan for Construction Air Quality

| EVENT | ACTION | | | |
|--|---|--|---|--|
| | ET | IEC | AR | CONTRACTOR |
| ACTION LEVEL | | | | |
| Exceedance for one sample | <ol style="list-style-type: none"> 1. Inform IEC, AR and Contractor; 2. Identify source, investigate the causes of exceedance and propose remedial measures; 3. Repeat measurement to confirm finding. | <ol style="list-style-type: none"> 1. Check monitoring data submitted by ET; 2. Check Contractor's working method. | <ol style="list-style-type: none"> 1. Notify Contractor. | <ol style="list-style-type: none"> 1. Rectify any unacceptable practice; 2. Amend working methods if appropriate. |
| Exceedance for two or more consecutive samples | <ol style="list-style-type: none"> 1. Inform IEC, AR and Contractor; 2. Identify source; 3. Advise the AR on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC, AR and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and AR; 8. If exceedance stops, cease additional monitoring. | <ol style="list-style-type: none"> 1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ET/AR on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures. | <ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented. | <ol style="list-style-type: none"> 1. Submit proposals for remedial to AR and IEC within 3 working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate. |

Appendix C Event and Action Plan

Event and Action Plan for Construction Air Quality (Continued)

| EVENT | ACTION | | | |
|--|--|--|--|---|
| | ET | IEC | AR | CONTRACTOR |
| LIMIT LEVEL | | | | |
| Exceedance for one sample | <ol style="list-style-type: none"> 1. Inform IEC, AR, Contractor and EPD; 2. Identify source, investigate the causes of exceedance and propose remedial measures; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and AR informed of the results. | <ol style="list-style-type: none"> 1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the AR on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures. | <ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented. | <ol style="list-style-type: none"> 1. Take immediate action to avoid further exceedance; 2. Discuss with ET and IEC on remedial actions 3. Submit proposals for remedial actions to IEC within 3 working days of notification; 4. Implement the agreed proposals; 5. Amend proposal if appropriate. |
| Exceedance for two or more consecutive samples | <ol style="list-style-type: none"> 1. Notify IEC, AR, Contractor and EPD; 2. Identify source; 3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and AR and Contractor to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and AR informed of the results; 8. exceedance stops, cease additional monitoring. | <ol style="list-style-type: none"> 1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss amongst AR, ET, and Contractor on the potential remedial actions; 4. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the AR accordingly; 5. Supervise the implementation of remedial measures. | <ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consultation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to terminate that portion of work until the exceedance ceases. | <ol style="list-style-type: none"> 1. Take immediate action to avoid further exceedance; 2. Discuss with ET and IEC on remedial actions 3. Submit proposals for remedial actions to AR and IEC within 3 working days of notification; 4. Implement the agreed proposals; 5. Resubmit proposals if problem still not under control; 6. Stop the relevant portion of works as determined by the AR until the exceedance ceases. |

Appendix C Event and Action Plan

Event and Action Plan for Construction Noise

| EVENT | ACTION | | | |
|--------------|--|--|---|--|
| | ET | IEC | AR | CONTRACTOR |
| Action Level | <ol style="list-style-type: none"> 1. Notify IEC, AR and Contractor of exceedance; 2. Identify source 3. Investigate the causes of exceedance and propose remedial measures; 4. Report the results of investigation to the IEC, AR and Contractor; 5. Discuss with the IEC, AR and Contractor and formulate remedial measures; 6. Increase monitoring frequency to check mitigation effectiveness. | <ol style="list-style-type: none"> 1. Review the analysed results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the AR accordingly; 3. Supervise the implementation of remedial measures. | <ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented | <ol style="list-style-type: none"> 1. Submit noise mitigation proposals to AR with copy to ET and IEC; 2. Implement noise mitigation proposals. |
| Limit Level | <ol style="list-style-type: none"> 1. Inform IEC, AR, EPD and Contractor; 2. Identify source; 3. Repeat measurements to confirm findings; 4. Increase monitoring frequency; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Inform IEC, AR and EPD the causes and actions taken for the exceedances; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and AR informed of the results; 8. If exceedance stops, cease additional monitoring. | <ol style="list-style-type: none"> 1. Discuss amongst AR, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the AR accordingly; 3. Supervise the implementation of remedial measures. | <ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented; 5. If exceedance continues, investigate what portion of the work is responsible and instruct the Contractor to terminate that portion of work until the exceedance ceases. | <ol style="list-style-type: none"> 1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to AR with copy to ET and IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Terminate the relevant portion of works as determined by the AR until the exceedance ceases. |

Appendix C Event and Action Plan

Event and Action Plan for Noise from Music, Singing and Instrument Performing Activities

| EVENT | ACTION | |
|--|--|--|
| | Appropriate Person | Event Organizer |
| Trigger Level Exceeded for the First Time | Notify the Event Organizer of exceedance immediately. | <ol style="list-style-type: none">1. Review the loudspeaker output level;2. Adjust the loudspeaker output level or equalizer when necessary, to avoid exceedance of the action level. |
| 3 Consecutive Measurements Exceed Trigger Level and Keep Raising | Notify the Event Organizer of the situation immediately. | Start closing the retractable roof of the Main Stadium immediately. |
| Action Level Exceeded | Notify the Event Organizer of exceedance immediately. | Start closing the retractable roof of the Main Stadium immediately. |

Appendix C Event and Action Plan

Event and Action Plan for Design Phase Landscape and Visual

| Action Level | Registered Landscape Architect | Project Engineer (PE) | Project Landscape Architect (PLA) |
|--|---|--|---|
| Non Conformity (with Design Standards and Specification) | <ol style="list-style-type: none"> 1. Identify Source 2. Inform PE and PLA 3. Discuss remedial actions with PE, PLA 4. Verify remedial actions when complete. | <ol style="list-style-type: none"> 1. Notify PLA 2. Discuss remedial actions with PLA 3. Ensure remedial designs are fully incorporated | <ol style="list-style-type: none"> 1. Amend designs 2. Discuss remedial actions with PE |

Event and Action Plan for Construction/Operational Phase Landscape and Visual

| Action Level | Registered Landscape Architect (RLA) as a member of Environmental Team | Independent Environmental Checker (IEC) | Architect's Representative (AR) or the Operator * | Contractor |
|--------------------------------|--|---|--|---|
| Non-conformity on one occasion | <ol style="list-style-type: none"> 1. Identify Source 2. Inform the IEC and the Architect's Representative (AR) or the Operator 3. Discuss remedial actions with the IEC, the Architect's Representative (AR) or the Operator and the Contractor 4. Monitor remedial actions until rectification has been completed | <ol style="list-style-type: none"> 1. Check report 2. Check the Contractor's working method 3. Discuss with the RLA and the Contractor on possible remedial measures 4. Advise the Architect's Representative (AR) or the Operator on effectiveness of proposed remedial measures. 5. Check implementation of remedial measures. | <ol style="list-style-type: none"> 1. Notify Contractor 2. Ensure remedial measures are properly implemented | <ol style="list-style-type: none"> 1. Amend working methods 2. Rectify damage and undertake any necessary replacement |
| Repeated Non-conformity | <ol style="list-style-type: none"> 1. Identify Source 2. Inform the IEC and the Architect's Representative (AR) or the Operator 3. Increase monitoring frequency 4. Discuss remedial actions with the IEC, the Architect's Representative (AR) or the Operator and the Contractor 5. Monitor remedial actions until rectification has been completed 6. If exceedance stops, cease additional monitoring | <ol style="list-style-type: none"> 1. Check monitoring report 2. Check the Contractor's working method 3. Discuss with the RLA and the Contractor on possible remedial measures 4. Advise the Architect's Representative (AR) or the Operator on effectiveness of proposed remedial measures 5. Supervise implementation of remedial measures. | <ol style="list-style-type: none"> 1. Notify the Contractor 2. Ensure remedial measures are properly implemented | <ol style="list-style-type: none"> 1. Amend working methods 2. Rectify damage and undertake any necessary replacement |

*: Architect's Representative for Construction Phase; the Operator for Operational Phase