

## Appendix F

# Event / Action Plan for Noise and Landfill Gas

Event / Action Plan for Construction Noise Monitoring

| Event        | Action  |  |  |   |
|--------------|---|--|--|---|
|              | ET  | IEC  | ER   | Contractor  |
| Action Level | <ol style="list-style-type: none"> <li>1. Carry out investigation to identify the source and cause of the complaint/exceedance(s)</li> <li>2. Notify IEC, ER, and Contractor and report the results of investigation to the Contractor, ER and the IEC</li> <li>3. Discuss with the Contractor and IEC for remedial measures required</li> <li>4. If the complaint is related to the Project, conduct additional monitoring for checking mitigation effectiveness and report the findings and results to the IEC, ER and the Contractor</li> </ol>  | <ol style="list-style-type: none"> <li>1. Review the analysed results submitted by the ET</li> <li>2. Review the proposed remedial measures by the Contractor and advise the ER accordingly</li> <li>3. Supervise the implementation of remedial measures</li> </ol>   | <ol style="list-style-type: none"> <li>1. Confirm receipt of Notification of Exceedance in writing</li> <li>2. Require Contractor to propose remedial measures for the analysed noise problem</li> <li>3. Ensure remedial measures are properly implemented</li> </ol>   | <ol style="list-style-type: none"> <li>1. Submit noise mitigation proposals, if required, to the IEC and ER</li> <li>2. Implement noise mitigation proposals.</li> </ol>  |
| Limit Level  | <ol style="list-style-type: none"> <li>1. Carry out investigation to identify the source and cause of the exceedance</li> <li>2. Notify IEC, ER, Project Proponent, EPD and Contractor</li> <li>3. Repeat measurements to confirm findings</li> <li>4. Provide investigation report to IEC, ER, EPD and Contractor he causes of the exceedances</li> <li>5. If the exceedance is related to the Project, assess effectiveness by additional monitoring.</li> <li>6. Report the remedial action implemented and the additional monitoring results to IEC, EPD, ER and Contractor</li> <li>7. If exceedance stops, cease additional monitoring</li> </ol> | <ol style="list-style-type: none"> <li>1. Review the analysed results submitted by the ET</li> <li>2. Discuss the potential remedial measures with ER, ET Leader, and Contractor</li> <li>3. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly</li> <li>4. Supervise the implementation of remedial measures</li> </ol> | <ol style="list-style-type: none"> <li>1. Confirm receipt of Notification of Exceedance in writing</li> <li>2. Require the Contractor to propose remedial measures for the analysed noise problem</li> <li>3. Ensure remedial measures are properly implemented</li> <li>4. If exceedance continues, consider what activity of the work is responsible and instruct the Contractor, in agreement with the Project Proponent, to stop that activity of work until the exceedance is abated</li> </ol> | <ol style="list-style-type: none"> <li>1. Take immediate action to avoid further exceedance</li> <li>2. Submit proposals for remedial actions to IEC and ER within 3 working days of notification</li> <li>3. Implement the agreed proposals</li> <li>4. Resubmit proposals if problem still not under control</li> <li>5. Stop the relevant activity of works as determined by the Project Proponent until the exceedance is abated</li> </ol> |

Action and Level and Event/ Action Plan for Landfill Gas Monitoring

| Parameters                        | Level                              | Action   |
|-----------------------------------|------------------------------------|--|
| Oxygen (O <sub>2</sub> )          | Action Level < 19% O <sub>2</sub>  | Ventilate trench/void to restore O <sub>2</sub> to > 19%   |
|                                   | Limit Level < 19% O <sub>2</sub>   | Stop works<br>Evacuate personnel/prohibit entry<br>Increase ventilation to restore O <sub>2</sub> to > 19%     |
| Methane (CH <sub>4</sub> )        | Action Level >10% LEL              | Post "No Smoking" signs<br>Prohibit hot works<br>Increase ventilation to restore CH <sub>4</sub> to <10% LEL   |
|                                   | Limit Level >20% LEL               | Stop works<br>Evacuate personnel/prohibit entry<br>Increase ventilation to restore CH <sub>4</sub> to <10% LEL |
| Carbon Dioxide (CO <sub>2</sub> ) | Action Level >0.5% CO <sub>2</sub> | Ventilate to restore CO <sub>2</sub> to < 0.5%   |
|                                   | Limit Level >1.5% CO <sub>2</sub>  | Stop works<br>Evacuate personnel / prohibit entry<br>Increase ventilation to restore CO <sub>2</sub> to <0.5%  |