

## Appendix G1: Event/Action Plan for Air Quality

Event Level	Action		
	ET	ER	CONTRACTOR
<b>Action Level</b>			
Exceedance for one sample	<ul style="list-style-type: none"> <li>• Identify source</li> <li>• Inform ER</li> <li>• Repeat Measurement to confirm finding</li> <li>• Increase monitoring frequency to daily</li> </ul>	<ul style="list-style-type: none"> <li>• Notify Contractor</li> <li>• Check mortaring data and Contractor's working methods</li> </ul>	<ul style="list-style-type: none"> <li>• Rectify any unacceptable practice</li> <li>• Amend working methods if appropriate</li> </ul>
Exceedance for two or more consecutive samples	<ol style="list-style-type: none"> <li>1. Identify source</li> <li>2. Inform ER</li> <li>3. Repeat measurements to confirm findings</li> <li>4. Increase monitoring frequency to daily</li> <li>5. Discuss with ER for remedial actions required</li> <li>6. If exceedance continues arrange meeting with ER</li> <li>7. If exceedance stops, cease additional monitoring</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm receipt of notification of failure in writing</li> <li>2. Notify Contractor</li> <li>3. Check monitoring data and Contractor's working methods</li> <li>4. Discuss with Environmental Team and Contractor on potential remedial actions</li> <li>5. Ensure remedial actions properly implemented</li> </ol>	<ol style="list-style-type: none"> <li>1. Submit proposals for remedial actions to ER within 3 working days of notification</li> <li>2. Implement the agreed proposals</li> <li>3. Amend proposal if appropriate</li> </ol>
<b>Limit Level</b>			
Exceedance for one sample	<ol style="list-style-type: none"> <li>1. Identify source</li> <li>2. Inform ER and EPD</li> <li>3. Repeat measurement to confirm finding</li> <li>4. Increase monitoring frequency to daily</li> <li>5. Assess effectiveness of Contractor's remedial actions and keep EPD and ER informed of the results</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm receipt of notification of failure in writing</li> <li>2. Notify Contractor</li> <li>3. Check monitoring data and Contractor's working methods</li> <li>4. Discuss with Environmental Team Leader and Contractor potential remedial actions</li> <li>5. Ensure remedial actions properly implemented</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 ER within 3 working days of notification</li> <li>3. Implements the agreed proposals</li> <li>4. Amend proposal if appropriate</li> </ol>
Exceedance for two or more consecutive samples	<ol style="list-style-type: none"> <li>1. Identify source</li> <li>2. Inform ER and EPD the causes &amp; actions taken for the exceedances</li> <li>3. Repeat measurement to confirm findings</li> <li>4. Increase monitoring frequency to daily</li> <li>5. Investigate the causes of exceedance</li> <li>6. Arrange meeting with EPD and ER to discuss the remedial actions to be taken</li> <li>7. Assess effectiveness of Contractor's remedial actions and keep EPD and ER informed of the results &amp; if exceedance stops, cease additional monitoring</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm receipt of notification of failure in writing</li> <li>2. Notify Contractor</li> <li>3. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented</li> <li>4. Discuss amongst Environmental Team Leader and the Contractor potential remedial actions</li> <li>5. Review Contractor's remedial actions whenever necessary to assure their effectiveness</li> <li>6. 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</li> </ol>	<ol style="list-style-type: none"> <li>1. Take immediate action avoid further exceedance</li> <li>2. Submit proposals for remedial actions to ER within 3 working days of notification</li> <li>3. Implements the agreed proposals</li> <li>4. Resubmit proposals if problem still not under control</li> <li>5. Stop the relevant portion of works as determined by the ER until the exceedance is abated</li> </ol>