# **Event / Action Plan for Construction Air Quality**

EVENT	ACTION				
EVENI	ET	IEC	ER	CONTRACTOR	
ACTION LEVEL					
1. Exceedance for one	1. Inform IEC, ER and Contractor;	1. Check monitoring data	1. Notify Contractor.	1. Rectify any unacceptable practice;	
sample	2. Identify source, investigate the causes	submitted by ET;		2. Amend working methods if appropriate.	
	of exceedance and propose remedial	2. Check Contractor's working			
	measures;	method.			
	3. Repeat measurement to confirm				
	finding.				
2. Exceedance for	1. Inform IEC, ER and Contractor;	1. Check monitoring data	1. Confirm receipt of	1. Submit proposals for remedial to ER and IEC	
two or more	2. Identify source;	submitted by ET;	notification of failure in	within 3 working days of notification;	
consecutive samples	3. Advise the ER on the effectiveness of	2. Check Contractor's working	writing;	2. Implement the agreed proposals;	
	the proposed remedial measures;	method;	2. Notify Contractor;	3. Amend proposal if appropriate.	
	4. Repeat measurements to confirm	3. Discuss with ET and	3. Ensure remedial measures		
	findings;	Contractor on possible remedial	properly implemented.		
	5. Increase monitoring frequency to	measures;			
	daily;	4. Advise the ET/ER on the			
	6. Discuss with IEC, ER and Contractor	effectiveness of the proposed			
	on remedial actions required;	remedial measures;			
	7. If exceedance continues, arrange	5. Supervise Implementation of			
	meeting with IEC and ER;	remedial measures.			
	8. If exceedance stops, cease additional				
	monitoring.				

LIMIT LEVEL				
1.Exceedance for one	1. Inform IEC, ER, Contractor and EPD;	1. Check monitoring data	1. Confirm receipt of	1. Take immediate action to avoid further
sample	2. Identify source, investigate the causes	submitted by ET;	notification of failure in	exceedance;
	of exceedance and propose remedial	2. Check Contractor's working	writing;	2. Discuss with ET and IEC on remedial actions
	measures;	method;	2. Notify Contractor;	3. Submit proposals for remedial actions to IEC
	3. Repeat measurement to confirm	3. Discuss with ET and	3. Ensure remedial measures	within 3 working days of notification;
	finding;	Contractor on possible remedial	properly implemented.	4. Implement the agreed proposals;
	4. Increase monitoring frequency to	measures;		5. Amend proposal if appropriate.
	daily;	4. Advise the ER on the		
	5. Assess effectiveness of Contractor's	effectiveness of the proposed		
	remedial actions and keep IEC, EPD and	remedial measures;		
	ER informed of the results.	5. Supervise implementation		
		of remedial measures.		
2.Exceedance for two	1. Notify IEC, ER, Contractor and EPD;	1. Check monitoring data	1. Confirm receipt of	1. Take immediate action to avoid further
or more consecutive	2. Identify source;	submitted by ET;	notification of failure in	exceedance;
samples	3. Repeat measurement to confirm	2. Check Contractor's working	writing;	2. Discuss with ET and IEC on remedial actions
	findings;	method;	2. Notify Contractor;	3. Submit proposals for remedial actions to ER and
	4. Increase monitoring frequency to	3. Discuss amongst ER, ET,	3. In consultation with the	IEC within 3 working days of notification;
	daily;	and Contractor on the potential	IEC, agree with the Contractor	4. Implement the agreed proposals;
	5. Carry out analysis of Contractor's	remedial actions;	on the remedial measures to	5. Resubmit proposals if problem still not under
	working procedures to determine	4. Review Contractor's	be implemented;	control;
	possible mitigation to be implemented;	remedial actions whenever	4. Ensure remedial measures	6. Stop the relevant portion of works as determined
	6. Arrange meeting with IEC and ER and	necessary to assure their	properly implemented;	by the ER until the exceedance ceases.
	Contractor to discuss the remedial	effectiveness and advise the ER	5. If exceedance continues,	
	actions to be taken;	accordingly;	consider what portion of the	

7. Assess effectiveness of Contractor's	5. Supervise the implementation	work is responsible and	
remedial actions and keep IEC, EPD and	of remedial measures.	instruct the Contractor to	
ER informed of the results;		terminate that portion of work	
8. If exceedance stops, cease additional		until the exceedance ceases.	
monitoring.			

## **Event / Action Plan for Construction Noise**

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action	1. Notify IEC, ER and Contractor of exceedance;	1. Review the analysed results	1. Confirm receipt of notification of	1. Submit noise mitigation
Level	2. Identify source	submitted by the ET;	failure in writing;	proposals to ER with copy to
	3. Investigate the causes of exceedance and	2. Review the proposed remedial	2. Notify Contractor;	ET and IEC;
	propose remedial measures;	measures by the Contractor and	3. Require Contractor to propose	2. Implement noise mitigation
	4. Report the results of investigation to the IEC,	advise the ER accordingly;	remedial measures for the analysed	proposals.
	ER and Contractor;	3. Supervise the implementation of	noise problem;	
	5. Discuss with the IEC, ER and Contractor and	remedial measures.	4. Ensure remedial measures are	
	formulate remedial measures;		properly implemented	
	6. Increase monitoring frequency to check			
	mitigation effectiveness.			
Limit	1. Inform IEC, ER, EPD and Contractor;	1. Discuss amongst ER, ET, and	1. Confirm receipt of notification of	1. Take immediate action to
Level	2. Identify source;	Contractor on the potential	failure in writing;	avoid further exceedance;
	3. Repeat measurements to confirm findings;	remedial actions;	2. Notify Contractor;	2. Submit proposals for
	4. Increase monitoring frequency;	2. Review Contractor's remedial	3. Require Contractor to propose	remedial actions to ER with
	5. Carry out analysis of Contractor's working	actions whenever necessary to	remedial measures for the analysed	copy to ET and IEC within 3
	procedures to determine possible mitigation to be	assure their effectiveness and	noise problem;	working days of notification;
	implemented;	advise the ER accordingly;	4. Ensure remedial measures are	3. Implement the agreed
	6. Inform IEC, ER and EPD the causes and	3. Supervise the implementation of	properly implemented;	proposals;
	actions taken for the exceedances;	remedial measures.	5. If exceedance continues,	4. Resubmit proposals if
	7. Assess effectiveness of Contractor's remedial		investigate what portion of the work	problem still not under control;
	actions and keep IEC, EPD and ER informed of		is responsible and instruct the	5. Terminate the relevant

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
	the results;		Contractor to terminate that portion	portion of works as determined
	8. If exceedance stops, cease additional		of work until the exceedance	by the ER until the exceedance
	monitoring.		ceases.	ceases.

# Action Plan for Landscape and Visual Works

	ACTION					
EVENT	ET	IEC	ER	CONTRACTOR		
Non-conformity on	1. Identify Source	1. Check report	1. Notify Contractor	1. Amend working methods		
one occasion	2. Inform IEC and ER	2. Check Contractor's working method	2. Ensure remedial measures are	2. Rectify damage and		
	3. Discuss remedial actions with IEC, ER and	3. Discuss with ET and Contractor on possible	properly implemented	undertake any necessary		
	Contractor	remedial measures		replacement		
	4. Monitor remedial actions until rectification has been	4. Advise ER on effectiveness of proposed				
	completed	remedial measures.				
		5. Check implementation of remedial measures.				
Repeated	1. Identify Source	1. Check monitoring report	1. Notify Contractor	1. Amend working methods		
Non-conformity	2. Inform IEC and ER	2. Check Contractor's working method	2. Ensure remedial measures are	2. Rectify damage and		
	3. Increase monitoring frequency	3. Discuss with ET and Contractor on possible	properly implemented	undertake any necessary		
	4. Discuss remedial actions with IEC, ER and	remedial measures		replacement		
	Contractor	4. Advise ER on effectiveness of proposed				
	5. Monitor remedial actions until rectification has been	remedial measures				
	completed	5. Supervise implementation of remedial				
	6. If non-conformity stops, cease additional monitoring	measures.				