Event and Action Plan for Air Quality (Dust)

EX ZENICE	ACTION					
EVENT	ET	IEC	ER	CONTRACTOR		
Action level being exceeded by one sampling	 Identify source, investigate the causes of complaint and propose remedial measures; Inform IEC and ER; Repeat measurement to confirm finding; Increase monitoring frequency to daily. 	 Check monitoring data submitted by ET; Check Contractor's working method. 	1. Notify Contractor.	 Rectify any unacceptable practice; Amend working methods if appropriate. 		
Action level being exceeded by two or more consecutive sampling	 Identify source; Inform IEC and ER; Advise the 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 IEC and ER; 	 Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET and Contractor on possible remedial measures; Advise the ET on the effectiveness of the proposed remedial measures; Supervise Implementation of remedial measures. 	 Confirm receipt of notification of exceedance in writing; Notify Contractor; Ensure remedial measures properly implemented. 	 Submit proposals for remedial actions to IEC within three working days of notification; Implement the agreed proposals; Amend proposal if appropriate. 		

ENZENIZE	ACTION						
EVENT	ET	IEC	ER	CONTRACTOR			
	8. If exceedance stops, cease additional monitoring.						
Limit level being exceeded by one sampling	 Identify source, investigate the causes of exceedance and propose remedial measures; Inform Contractor ,IEC, ER, and EPD; Repeat measurement to confirm finding; Increase monitoring frequency to daily; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results. 	 Check monitoring data submitted by ET; 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; Supervise implementation of remedial measures. 	 Confirm receipt of notification of exceedance in writing; Notify Contractor; Ensure remedial measures properly implemented. 	 Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within three working days of notification; Implement the agreed proposals; 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; 	 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; 	 Confirm receipt of notification of exceedance in writing; Notify Contractor; In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 	 Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within three working days of notification; Implement the agreed proposals; 			

IDAZIENIZE	ACTION							
EVENT	ET		IEC		ER		CONTRACTOR	
	5.	Carry out analysis of	3.	Supervise the implementation of	4.	Ensure remedial measures	4.	Resubmit proposals if problem
		Contractor's working procedures		remedial measures.		properly implemented;		still not under control;
		to determine possible mitigation			5.	If exceedance continues, consider	5.	Stop the relevant portion of works
		to be implemented;				what portion of the work is		as determined by the ER until the
	6.	Arrange meeting with IEC and				responsible and instruct the		exceedance is abated.
		ER to discuss the remedial actions				Contractor to stop that portion of		
		to be taken;				work until the exceedance is		
	7.	Assess effectiveness of				abated.		
		Contractor's remedial actions and						
		keep IEC, EPD and ER informed						
		of the results;						
	8.	If exceedance stops, cease						
		additional monitoring.						

Event and Action Plan for Construction Noise

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

Limit Levels and Action Plan for Landfill Gas

Parameter	Limit Level	Action
	<19%	• Ventilate to restore oxygen to >19%
Ovygon		• Stop works
Oxygen	<18%	• Evacuate personnel/prohibit entry
		• Increase ventilation to restore oxygen to >19%
	>10% LEL (i.e. > 0.5% by volume)	Prohibit hot works
	>10% LEL (i.e. > 0.3% by volume)	• Ventilate to restore methane to <10% LEL
Methane		• Stop works
	>20% LEL (i.e. > 1% by volume)	• Evacuate personnel / prohibit entry
		• Increase ventilation to restore methane to <10% LEL
	>0.5%	• Ventilate to restore carbon dioxide to < 0.5%
Carbon		• Stop works
Dioxide	>1.5%	• Evacuate personnel / prohibit entry
		• Increase ventilation to restore carbon dioxide to <0.5%