



ANNEX D2

EVENT AND ACTION PLAN FOR AIR
QUALITY MONITORING

ANNEX D2 EVENT AND ACTION PLAN FOR AIR QUALITY MONITORING DURING OPERATION/ RESTORATION PHASE

Action			
Event	ET	IEC	Contractor
Exceedance of Action/Limit Level for dust monitoring	- Identify the source(s) and investigate the cause(s) of exceedance - Prepare the Notification of Exceedance within 24 hours - Inform Contractor, IEC, Project Proponent and EPD (EIAO Authority) whether the cause of exceedance is due to the Project - Discuss with Contractor and IEC for remedial measures - Ensure remedial measures are properly implemented - Assess effectiveness of Contractor's remedial measures and keep the Project Proponent and IEC informed of the results - Repeat measurement to confirm finding if exceedance is due to the Project - Increase monitoring frequency to daily and continue until the monitoring results reduce to below action level	- Verify the Notification of Exceedance - Check monitoring data submitted by ET - Check Contractor's working methods - Discuss with ET and Contractor on proposed remedial measures - Review proposals on remedial measures - Audit the implementation of the remedial measures - Audit the effectiveness of the implemented remedial measures	- Take immediate action to avoid further exceedance - Submit proposals for remedial measures to IEC - Implement the agreed proposals - Amend proposal if appropriate
Exceedance of Action Level for odour	- Identify source(s) and investigate the cause(s) of exceedance or complaint - Prepare the odour complaint form or the Notification of Exceedance within 24 hours - Inform Contractor, IEC and Project Proponent whether the cause of exceedance is due to the Project - Discuss with Contractor and IEC for remedial measures - Ensure remedial measures are properly implemented - Increase monitoring frequency to daily	- Verify the Notification of Exceedance - Check monitoring data submitted by ET - Check Contractor's working methods - Discuss with ET and Contractor on proposed remedial measures - Review proposals on remedial measures - Audit the implementation of the remedial measures - Audit the effectiveness of the implemented remedial measures	- Rectify any unacceptable practice - Amend working methods as required - Implement amended working methods, if necessary

Action			
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	until odour not being detected for three consecutive days		
Exceedance of Limit Level for odour	- Identify source(s) and investigate the cause(s) of exceedance or complaint - Prepare the odour complaint form or the Notification of Exceedance within 24 hours - Inform Contractor, IEC, Project Proponent and EPD (EIAO Authority) whether the cause of exceedance is due to the Project - Discuss with Contractor and IEC for remedial measures - Ensure remedial measures are properly implemented - Assess effectiveness of Contractor's remedial measures and keep the Project Proponent and IEC informed of the results	- Verify the Notification of Exceedance - Check with Contractor on the operating activities and implementation of odour mitigation measures - Discuss with ET and Contractor on proposed remedial measures - Review proposals on remedial measures - Audit the implementation of the remedial measures - Audit the effectiveness of the implemented remedial measures	- Rectify any unacceptable practice - Submit proposals for remedial measures to IEC within 3 working days of notification - Implement the agreed proposal or amend working methods as required - Resubmit proposals if problem still not under control
Exceedance of Limit Level for ambient VOCs, ammonia and H ₂ S at the monitoring locations	- Identify the source(s) and investigate the cause(s) of exceedance - Prepare the Notification of Exceedance within 24 hours - Inform Contractor, IEC, Project Proponent and EPD (EIAO Authority) whether the cause of exceedance is due to the Project - Discuss with Contractor and IEC for remedial measures - Ensure remedial measures are properly implemented - Assess effectiveness of Contractor's remedial measures and keep the Project Proponent and IEC informed of the	- Verify the Notification of Exceedance - Check with Contractor on the operating activities and implementation of landfill gas control measures - Discuss with ET and Contractor on proposed remedial measures - Review proposals on remedial measures - Audit the implementation of the remedial measures - Audit the effectiveness of the implemented remedial measures	- Rectify any unacceptable practice - Amend working methods as required - Implement amended working methods, if necessary

Action			
Event	ET	IEC	Contractor
	- results - Repeat measurement to confirm finding if exceedance is due to the Project - Increase monitoring frequency to monthly and continue until the monitoring results reduce to below limit level		
Exceedance of Limit Level of stack emission of the thermal oxidizer, flares and generator	- Identify source(s) and investigate the cause(s) of exceedance - Prepare the Notification of Exceedance within 24 hours - Inform Contractor, IEC, Project Proponent and EPD (EIAO Authority) whether the cause of exceedance is due to the Project - Discuss with Contractor and IEC for remedial measures - Ensure remedial measures are properly implemented - Assess effectiveness of Contractor's remedial measures and keep the Project Proponent and IEC informed of the results - Repeat measurement to confirm finding if exceedance is due to the Project - Increase monitoring frequency to monthly when there are two consecutive exceedances and continue until the monitoring results reduce to below limit level	- Verify the Notification of Exceedance - Check with Contractor on the operating performance of the stack - Discuss with ET and Contractor on proposed remedial measures - Review proposals on remedial measures - Audit the implementation of the remedial measures - Audit the effectiveness of the implemented remedial measures	- Rectify any unacceptable performance - Amend design as required - Implement amended design, if necessary