



ANNEX F3

EVENT AND ACTION PLAN FOR WATER
QUALITY MONITORING

ANNEX F3 EVENT AND ACTION PLAN FOR WATER QUALITY MONITORING DURING OPERATION/ RESTORATION PHASE

Action			
Event	ET	IEC	Contractor
Exceedance of Limit Level for surface water monitoring	- Identify source(s) of impact and investigate the cause(s) of exceedance - Prepare 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 required - Ensure remedial measures are properly implemented - Repeat measurement to confirm finding if exceedance is due to the Project - Increase monitoring frequency to weekly if exceedance is due to the Project until no exceedance of Limit 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 Limit Level for groundwater monitoring	- Identify source(s) of impact and investigate the cause(s) of exceedance - Prepare 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 required - Ensure remedial measures are properly implemented	- 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	- Divert groundwater collected at the collection sumps to the leachate treatment plant - Submit proposals for remedial measures to IEC - Rectify any unacceptable practice or design - Amend working methods as required - Implement amended working methods, if necessary

Action			
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	- Repeat measurement to confirm finding if exceedance is due to the Project - Increase monitoring frequency to weekly if exceedance is due to the Project until no exceedance of Limit Level		
Exceedance of Limit Level for leachate level	- Investigate the cause(s) of exceedance - Prepare 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 required - Ensure remedial measures are properly implemented	- Verify the Notification of Exceedance - Check with Contractor on the operating activities and performance of the leachate collection system - 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	- Check the performance of the leachate collection system - Rectify any unacceptable practice; - Amend leachate collection design if required - Implement amended leachate collection system, if necessary
Exceedance of Limit Level of effluent discharge from LTP	- Investigate the cause(s) of exceedance - Prepare 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 required - Ensure remedial measures are properly implemented - Repeat measurement to confirm finding if exceedance is due to the Project	- Verify the Notification of Exceedance - Check with Contractor on the operation performance of the LTP - 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; - Carry out remedial measures or amend design as required - Implement amended design, if necessary

Action			
Event	ET	IEC	Contractor
	Increase monitoring frequency to weekly until no exceedance of Limit Level		