IDB | Invest

Rio Cobre Water Treatment Plant
Environmental and Social Action Plan (ESAP)

No.	Aspect	Action	Deliverable	Delivery date
PS 1: Assessment and Management of Environmental and Social Risks and Impacts				
1.1	Compliance with National Regulations (Environmental Permits)	1. Submit copy of the Water Resource Authority (WRA) abstraction license	1. Copy of the WRA Abstraction License	1. Prior to start of construction works
		2. Maintain a permit register	2. Permit register	2. Prior to start of construction works, and thereafter as part of the Environmental and Social Compliance Report (ESCR)
		3. Implement all environmental requirements contained in the corresponding permits and approvals.	3. Proof of implementation	3. As part of the ESCR
1.2	Environmental and Social Management System (ESMS)	1. Prepare an ESMS that includes: i) an environmental and social (E&S) management policy; ii) a matrix identifying potential E&S and occupational health and safety (OHS) risks and impacts, as well as associated control measures; iii) management procedures to (a) prevent, mitigate or compensate any undesired E&S impact and OHS risk (as identified in the matrix), and (b) fulfill requirements contained in environmental permits; iv) an organigram of E&S staff and training schedules on E&S management; v) an emergency preparedness and response plan that includes, among other requisites (a) the identification of relevant emergency situations; (b) a list of main stakeholders, (c) response procedures, (d) details of emergency equipment and resources, (e) a list of responsibilities of every employee during an emergency, (f) a description of the communication channels with appropriate local government agencies, and (g) a training schedule); vi) a stakeholder engagement plan (SEP), including ongoing consultation and reporting; vii) an internal and external grievance mechanism channels to capture, and process claims from the community and vulnerable groups; vii) environmental audit procedures; and ix) a schedule to monitor effectiveness of the ESMS.	1. Finalized ESMS	1. 6 months after 1st disbursement
		2. Present periodic ESMS audit and monitoring reports	2. ESMS monitoring and auditing reports	2. As part of the ESCR
		3. Train technical project team on ESMS	3. Training reports	3. As part of the ESCR
1.3	Ongoing Reporting to Affected Communities	1. Submit community engagement reports	1. Community engagement reports	1. Prior to 1st disbursement, and thereafter as part of the ESCR
1.4	Grievance Mechanism	1. Implement external grievance mechanism	1. Evidence of implementation	1. Prior to start of construction works, and thereafter as part of the ESCR
		2. Maintain Complaints Register on Project site	2. Complaints Register	2. As part of the ESCR
1.5	Organizational Capacity	1. Designate Health Safety and Environment (HSE) Officer for construction phase	1. Evidence of designation	1. Prior to start of construction works

No.	Aspect	Action	Deliverable	Delivery date
		2. Designate a Liaison Officer	2. Evidence of designation	2. Prior to start of construction works
		3. Hire or appoint an Environmental Officer for operational phase	3. Evidence of hiring or appointment	3. Prior to operations
1.6	Environmental Management Plan	1. Submit Project Management Plan (PMP) for construction which will include, among other topics: i) gender risk prevention program with KPIs; ii) waste management procedures for all waste streams (solid, liquid, hazardous, non-hazardous); iii) air and dust, noise and vibration impact management procedures; iv) a traffic management plan; v) a final drainage design; vi) procedures to prevent the exposure risk to communicable disease or other illness; viii) a landscape plan; and viii) worker employment and contractor management details.	1. PMP	1. Prior to start of construction works
		2. Implement PMP	2. Evidence of PMP implementation	2. As part of the ESCR
PS 2: Labor and Working Conditions				
2.1	Occupational Health and Safety	1. Prepare a Health and Safety (H&S) Management Plan	1. H&S Management Plan	1. Prior to start of construction works
		2. Implement H&S Management Plan	2. Evidence of implementation	2. As part of the ESCR
		3. Conduct worker safety induction trainings including weekly toolbox meetings	3. Evidence of training and meetings	3. 1 month after start of construction works, and thereafter as part of the ESCR
		4. Implement worker (internal) grievance mechanism	4. Evidence of implementation	4. 1 month after start of construction works, and thereafter as part of the ESCR
PS 3: Resource Efficiency and Pollution Prevention				
3.1	Resource Efficiency	1. Submit a report certifying that the Project contains resource efficiency designs.	1. Report on final Project design	1. Prior to 1st disbursement
3.2	Pollution Prevention	1. Submit water quality monitoring reports	1. Water quality monitoring reports	1. Every 6 months, and as part of the ESCR
3.1	Waste Management (including hazardous waste)	1. Prepare Operational Waste Management Plan (OWMP) to manage all waste streams (solid, liquid, hazardous, non-hazardous, Geotubes, organic sludge) as part of the required Operational Management Plan (OMP)	1. OWMP	1. 4 months prior to operation
		2. Implement OWMP	2. Evidence of implementation	2. As part of the ESCR
PS 4: Community Health, Safety, and Security				
4.1	Infrastructure and Equipment Design and Safety	1. Prepare Operational Management Plan (OMP) incorporating maintenance and contingency measures	1. OMP	1. 4 months prior to operation
4.2	Community exposure to disease	2. Provide training to workers and project team on transmission and prevention of infectious and communicable diseases	2. Evidence of training	2. As part of the ESCR
PS 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources				
6.1	Invasive Species	1. Outline measures to guide proper removal and disposal of site-specific invasive species within the PMP and OMP in accordance with local regulations.	1. Management measures within the PMP and OMP	1. Prior to start of construction works, and 4 months prior to operation respectively
		2. Train workers and project team in identification and removal procedures	2. Evidence of training	2. As part of the ESCR
		3. Submit data on sightings and removals	3. Sighting and removal data	3. As part of the ESCR