

KIRIBATI OUTER ISLANDS RESILIENCE AND ADAPTATION PROJECT ANTICIPATED ENVIRONMENTAL AND SOCIAL RISK AND RESPONSE PATROLING AND MONITORING CHECKLIST

Table 1 below is list of potential environmental and social risks (E&S and O&M management) response checklist that the Islands have made inputs into for the community rainwater harvesting tank systems checklists, during their on-Island trainings (2025). The Islands will utilise the checklists during and after the CRWHTS constructions. The checklists will have to be incorporated into their annual workplan to implement the ESCOPs on the Islands.

Table 1 Environmental and social risk management checklist for KOIRAP Kiribati Islands community rainwater harvesting tank system constructions.

Date	Environmental risk (25%)	Environmental and social code of practice	Lead responsibility	Comments	Completed (tick box ✓)
	<i>Note</i>	<i>Refer to Attachment 1</i>	<i>(Patrolling will be incorporated into annual workplan and carried out during working hours without adversely impacting work schedule)?</i>		
	Solid waste pollution	<p>No burning of waste. Dig pit per designated community site, put solid waste into the pit throughout construction work and bury waste on completion of construction work</p> <p>Apply reusing and recycling of construction materials back to IC to use, for round 3.</p> <p>Digging work might affect water lens so</p>	<p>Contractor, community workers, IDO, Police, Nurse</p> <p>1x Police and Nurse (Arrange Patrol 1 x week)</p>		

		<p>monitoring will check and manage depth.</p> <p>Manage bags of cement, wood offcuts via recycling and use for repair or other.</p> <p>Need disposal plan on iron roofing cuts. Will these be sent to the Tarawa landfill?</p> <p>Who will fund the transportation of solid waste to Tarawa landfill?</p>			
	Noise pollution.	<p>Workers work time from 0900hrs to 1700hrs (Mondays to Saturdays only). Police patrol and ensure work timetable is followed applying minimal noise as possible</p> <p>Can workers carry out noise work cuttings etc away from close homes and school classrooms?</p>	<p>Contractor, community workers, IDO, Police, Nurse</p> <p>1x Police and Nurse (Arrange Patrol 1 x week)</p>		
	Air pollution (dust).	<p>Community per site waters ground with water if possible? Otherwise, workers wear masks and ensure public is far from worksite?</p>	<p>Contractor, community workers, IDO, Police, Nurse</p> <p>1x Police and Nurse (Arrange Patrol 1 x week)</p>		

	Water pollution (contamination) and conservation.	Workers conserve water by reducing freshwater usage for work during constructions and avoid means of freshwater lens, well contamination	Contractor, community workers, IDO, Police, Nurse 1x Police and Nurse (Arrange Patrol 1 x week)		
	Vegetation/Biodiversity loss.	<p>KOIRAP is not responsible for any cleared vegetation and compensation.</p> <p>No cutting or clearance of vegetation by KOIRAP Contractors and or community workers.</p> <p>Landowners should clear their own vegetation as they require prior to KOIRAP construction work.</p> <p>Minimise vegetation clearance and for any plant cut down, is there a community program in place for replanting elsewhere?</p> <p>Replanting of valuable coconut tree, food, medicine and other plant elsewhere on Island to reduce loss of biodiversity per sub project activity?</p>	<p>Contractor, community workers, IDO, Police, Nurse</p> <p>1x Police and Nurse (Arrange Patrol 1 x week)</p>		
	SOCIAL RISK				
	Worker, community, public and pedestrian	Ensure OHS, PPE, First Aid Kit, public,	Contractor, community		

	health and safety	community and pedestrian health and safety during construction per site via patrol and management	workers, IDO, Police, Nurse 1x Police and Nurse (Arrange Patrol 1 x week)		
	Traffic and access disruption	Ensure no dangerous traffic during construction per site via patrol and management	Contractor, community workers, IDO, Police, Nurse 1x Police and Nurse (Arrange Patrol 1 x week)		
	Increase in Gender based violence and discrimination.	Ensure public and workers safety during construction per site via patrol and management	Contractor, community workers, community people, IDO, Police, Nurse 1x Police and Nurse (Arrange Patrol 1 x week)		
	Physical, verbal or mental assault/harassment.	Ensure public and workers safety during construction per site via patrol and management	Contractor, community workers, community people, IDO, Police, Nurse 1x Police and Nurse (Arrange Patrol 1 x week)		
	Sexual assault/Sexual exploitation and abuse.	Ensure public and workers safety during construction per site via patrol and management	Contractor, community workers, community people, IDO, Police, Nurse 1x Police and Nurse (Arrange Patrol 1 x week)		

	Child labor.	Do not use child labour, minimum work age is 18 years of age. Ensure child safety during construction per site via patrol and management	Contractor, community workers, community people, IDO, Police, Nurse 1x Police and Nurse (Arrange Patrol 1 x week)		
	Community grievances and social disharmony.	Ensure people access to GRM and take note of GRM onsite during construction per site via patrol and management	IDO, Police, Nurse 1x Police and Nurse (Arrange Patrol 1 x week)		

Table 2 below is list of the community rainwater harvesting tank systems risks (O&M) response checklist that the Islands have also made inputs into which can be incorporated into their annual workplan to implement the ESCOPs on the Islands.

Table 2 Operational and maintenance checklist for the Islands community rainwater harvesting tank systems

Date	Environmental and social code of practice work	Schedule	Duty	Comments	Completed (tick box ✓)
Note	Refer to Attachment 2				
	Annual water quality testing of tanks (salinity and E coli?)	X2	Island Council Officer (ICO) 1 and MHMS or other		
	Annual check and repair of system parts as required and on spot capacity building to relevant community person?	X2	Plumber, carpenter and community person?		

	Weekly check and cleaning up of area and system equipment surfaces?	X1	IDO and community people?		
	Island Council Officers open a O&M bank account of its own?	X1	Island Council Officers (relevant)?		
	Monthly somebody in charge of checking water selling to community users is functioning?	X1	IDO and community person?		
	Monthly somebody in charge of collecting fees from community people payment for using water from tanks?	X1	IDO (lead) and community people?		
	Monthly somebody in charge of banking and saving money from selling water?	X1	Island Council Officers (relevant)?		
	Annually somebody in charge of funds for system water selling to fund O&M	X1	Island Council Officers?		
	Annual auditing of funds?	X1	MCIA?		
	Annual capacity building workshops on system WTQ,	X1	Island Councils?		

	O&M, and repair and repair Financing strategy? Capacity to Island Council Officers and community?				
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