

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 water distillation systems checklists, during their on-Island trainings (2025). The Islands will utilise the checklists during and after the WDS installations. 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 water distillation system installations.

PART 1 ENVIRONMENTAL AND SOCIAL RISK MANAGEMENT CHECKLIST

Date	Environmental risk (12.5%)	Environmental and social code of practice	Lead responsibility	Comments	Completed (tick box v)
	<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.	No burning of waste. Dig pit per designated community site, put solid waste into the pit throughout installation work and bury waste on completion of installation work.	1 x Police and 1 x Nurse patrol x 1 week?		

	Noise pollution.	Workers work time from 0900hrs to 1715hrs. Police patrol and ensure work timetable is followed applying minimal noise as possible	1 x Police and 1 x Nurse patrol x 1 week?		
	Air pollution (dust).	Community per site waters ground with water if possible? Otherwise, workers wear masks and ensure public is far from worksite?	1 x Police and 1 x Nurse patrol x 1 week?		
	Water pollution (contamination).	Workers conserve water by reducing freshwater usage for work during installations and avoid means of freshwater lens, well contamination	1 x Police and 1 x Nurse patrol x 1 week?		
	Vegetation/Biodiversity loss.	KOIRAP and Island Councils will not compensate for any vegetation loss. Landowners are responsible for any vegetation	1 x Police and 1 x Nurse patrol x 1 week?		

		<p>clearance (hygiene and optimum equipment function)?</p> <p>Is any community program in place for replanting coconut tree, food, medicine and other plant elsewhere on Island to reduce loss of biodiversity?</p>			
	SOCIAL RISK				
	Worker health and safety	Ensure worker on site OHS, health, hygiene and safety during installation per site via patrol and management	1 x Police and 1 x Nurse patrol x 1 week?		
	Public health and safety (including pedestrian safety)	Ensure public health and safety during installation per site via patrol and management	1 x Police and 1 x Nurse patrol x 1 week?		
	Traffic and access disruption	Ensure no dangerous traffic during installation per site via patrol and management	1 x Police and 1 x Nurse patrol x 1 week?		

	Increase in Gender based violence and discrimination.	Ensure public and workers safety during installation per site via patrol and management	1 x Police and 1 x Nurse patrol x 1 week?		
	Physical, verbal or mental assault/harassment.	Ensure public and workers safety during installation per site via patrol and management	1 x Police and 1 x Nurse patrol x 1 week?		
	Sexual assault/Sexual exploitation and abuse.	Ensure public and workers safety during installation per site via patrol and management	1 x Police and 1 x Nurse patrol x 1 week?		
	Child labor.	Do not use child labour, minimum work age is 18 years of age. Ensure child safety during installation per site via patrol and management	1 x Police and 1 x Nurse patrol x 1 week?		
	Community grievances and social disharmony.	Ensure people access to GRM and take people grievances during installation per site via patrol and management	1 x Police and 1 x Nurse patrol x 1 week?		

Table 2 below is list of the water distillation system 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 water distillation systems

PART 2 OPERATIONAL AND MAINTENANCE CHECKLIST

Date	Environmental and social code of practice work	Schedule	Duty	Comments	Completed (tick box v)
Note	Refer to Attachment 2				
	Annual check and cleaning of system	X4	IDO, ICO2 and community		
	Annual check and repair of system parts as required and capacity building to community relevant personnels	X2	IDO, ICO 3 and community		
	Weekly check and cleaning up of area and system equipment surfaces	X1	IDO, ICO 4 and community		
	Council opens a bank account of its own	X1	Island Council Officers (relevant)		
	Daily somebody check and in charge of water selling to community users	X1	IDO, ICO 6 and relevant community personnels		

	<p>Weekly somebody in charge of banking and saving money from selling water.</p> <p>Provide training on financial strategy to relevant Island Council and community reps?</p>	X1	IDO, ICO 7 and community		
	<p>Monthly somebody in charge of paying fee for using water to Council</p>	X1	IDO, ICO 8 and relevant community personnel		
	<p>Annually somebody in charge of funds for system water selling to fund O&M</p>	X1	Island Council Officers (relevant)		
	<p>Council saves funds from system water selling for O&M work in bank account and uses it as required</p>		Island Council Officers (relevant)		
	<p>Annual auditing of funds</p>	X1	Island Council Officers (relevant) and MCI A?		
	<p>Produce media on hygiene operation and maintenance for the Tabiteuea</p>	X1	Island Council Officers and KOIRAP (relevant)		

	<p>North and South Islands public to view and learn from over time maybe they can apply it, the media could include capacity building on system O&M?</p>				
	<p>Search and arrange annual capacity building workshops on system O&M</p>	<p>X1</p>	<p>IDO, Island Council Officers, communities, KOIRAP, MCIA staff (relevant)</p>		