

## 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 delivery truck purchase and operation checklists, during their on-Island trainings (2025). The Islands will utilise the checklists during and after the cement mixer purchase and operation. 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 delivery truck purchase and operation.

### PART 1 ENVIRONMENTAL AND SOCIAL RISK MANAGEMENT SCHEDULE

Date	Environmental risk (25%)	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 operation work and bury waste on completion of operation work	IDO and community		

		Dispose safely of wastes: oil, hazardous, old car batteries, liquids, solids and scrap metals in proper manner and/or designated landfill.			
	Noise pollution	<p>Workers work time from 0900hrs to 1715hrs only</p> <p>Workers find space appropriate farther from public to do noisy work</p> <p>Police patrol and ensure work timetable is followed applying minimal noise as possible during operation</p>	IDO, allocated Police personnel per community during operation work		
	Air pollution (dust)	<p>Water truck waters ground with water if possible, on dry dusty days?</p> <p>Workers wear correct dust safe PPE (Hard hat, safety glasses, masks, closed shoes, appropriate clothing, work</p>	IDO, Police, Community people		

		vests) during working hours?  Ensure public is safe from truck movements			
	Water pollution (contamination)	Workers conserve water by managing freshwater drawing and ration water delivery to communities daily  Operations avoid means of freshwater lens/ well contamination	IDO, Police, ST and community Workers		
	<b>SOCIAL RISK</b>				
	Worker health and safety	Ensure worker health and safety during operation per site via patrol and management	IDO, village: Police and Nurse		
	Public health and safety (including pedestrian safety)	Ensure public and pedestrian health and safety during operation per site via patrol and management	IDO, Police and Nurse		
	Traffic and access disruption	Ensure no dangerous traffic during operation per site via patrol	IDO, Police		

		and management			
	Increase in Gender based violence and discrimination.	Ensure public and workers safety during operation per site via patrol and management	IDO, Police		
	Physical, verbal or mental assault/harassment.	Ensure public and workers safety during operation per site via patrol and management	IDO, Police		
	Sexual assault/Sexual exploitation and abuse.	Ensure public and workers safety during operation per site via patrol and management	IDO, Police		
	Child labor.	Ensure no child labour is used and that workers are 18 years of age and above  Ensure child safety during operation per site via patrol and management	IDO, Police		
	Community grievances and social disharmony.	Ensure that the public access the GRM during operation per site via patrol and	IDO, Police		

		management			
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**PART 2 OPERATIONAL AND MAINTENANCE SCHEDULE**

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Table 2 below is list of the water delivery truck operation 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 delivery truck operation

Date	Work	Schedule	Duty	Comments	Completed (Tick box) v
	<i>Note</i>	<i>Refer to ESCOP (Attachment 2)</i>			
	Annual water quality testing of well and capacity building of testing to Island Council Officers and community	X1	Onotoa: IDO, Water Technician		
	Annual check and cleaning of system	X4	IDO,  Water Technician (has equipment knows how to use the water truck to dewater the well (kaika te mwanibwa) in order to clean out or refresh the well water),  Community		

	<p>Annual check and repair of system parts as required and capacity building to relevant community personnels</p> <p>Upgrade lid of well, bleach clean well using the Ministry of Environment and MHMS measurements?</p> <p>Make manual on how to use pump to dewater well for community people to use?</p>	X2	IDO, Community, Nurse, MHMS		
	Weekly check and cleaning up of area and system equipment surfaces	X1	IDO, Water Technician, plumber community youth group?		
	Council opens a bank account of its own?	X1	Island Council Officers (relevant)		
	<p><b>IMPORTANT</b></p> <p>Weekly somebody checks that:</p> <p>Pumping and drawing of water from infiltration gallery is timed and managed to control overdraw of freshwater which can seriously affect</p>	X3	IDO, relevant community personnels, police service, assigned village wardens on patrol		

	<p>the salinity of freshwater around the site or on the Island</p> <p>Water distribution to community households is rationed</p>				
	<p>Monthly somebody check and in charge of finance strategy for WTS</p> <p>Selling of water to community users?</p>	X1	IDO, relevant community personnels		
	<p>Monthly somebody in charge of community paying fee for using water to Council?</p>	X1	IDO, community personnel		
	<p>Monthly somebody in charge of collecting water usage fees from community</p>	X1	IDO, community personnel		
	<p>Monthly somebody in charge of banking and saving money from selling water?</p>	X1	IDO and relevant Island Council finance personnel		
	<p>Annually somebody in charge of funds for system water</p>	X1	IDO and relevant Island Council		

	selling to fund O&M		finance personnel		
	Council saves funds from system water selling for O&M work in bank account and uses it as required		Island Council Officers (relevant)		
	Annual auditing of funds	X1	Island Council Officer (relevant), MCIA?		
	<p>Produce media on hygiene operation and maintenance for Onotoa public to view and learn from over time maybe they can apply it</p> <p>Onotoa Island effective awareness or media period is at the Church after service via consultations to the WTS community</p> <p>Media could include capacity building on system O&amp;M Financial strategy</p>	X1	Island Council Officers and KOIRAP (relevant)		
	Annual capacity building workshops on system O&M	X1	IDO, MCIA, KOIRAP and community?		