

		Impact				
		Trivial	Minor	Moderate	Major	Extreme
		Scrapes/Bruises, virtually no environmental impact	Minor injury, small environmental impact	Moderate-Severe Injury, sizable environmental impact	Small number of casualties, irreparable environmental damage	Large number of casualties, total environmental destruction
Probability	Rare	Low	Low	Low	Medium	Medium
	Unlikely	Low	Low	Medium	Medium	Medium
	Moderate	Low	Medium	Medium	Medium	High
	Likely	Medium	Medium	Medium	High	High
	Very Likely	Medium	Medium	High	High	High
	Risk Name	Description	Probability	Impact	Risk Rating	Prevention
	Dam Overtopping	Water height exceeds height of dam, resulting in potential failure of dam; could wash out crops below	Moderate	Moderate	Medium	Increase capacity; design dams to withstand overtopping
	People falling into the channel	People (children) fall into dam and can't get out/drown	Likely	Major	High	Add barriers to dams, reduce slope
	Animals falling into the channel	Animal falls into dam and is trapped/drowns	Moderate	Major	Medium	Add barriers to dams, reduce slope
	Dam Failure	Dam integrity degrades and dam collapses	Unlikely	Moderate	Medium	Perform regular checks, maintenance and care
	Algae Growth	Standing water in dam becomes contaminated with algae growth	Likely	Minor	Medium	Cover the pool; try to use water to prevent water lingering for too long

	Harboring Insects	Standing water in dam becomes breeding ground for disease carrying insects	Likely	Minor	Medium	Cover the pool; try to use water to prevent water lingering for too long
	People drinking the water	Possible consumption of fertilizer	Unlikely	Moderate	Medium	Signage discouraging drinking the water
	Urination	Individuals CHOOSE to urinate in standing water of check dam	Unlikely	Trivial	Low	Put signs that say "Do not urinate in water"
	Flooding downstream (neighboring farms)	Overfilled dams spill excess water into neighboring dam, flooding their fields	Likely	Moderate	Medium	Perform routine maintenance on dams; ensure dams are constructed properly