

ALLIANCE FOR WATER STEWARDSHIP 2025
KABIRWALA FACTORY

GOALS	ACTIONS	INDICATORS	WATER STEWARDSHIP PLAN			CREATION (Physical/Regulatory/Reputational/Financial)	Relevance with Shared Water Challenges	Target	Cost (PKR)
			RESPONSIBLE	TIMELINE					
GOOD WATER GOVERNANCE	1a:Development of a water stewardship Commitment in the light of water stewardship policy	A one paper commitment drafted, signed and displayed on notice boards of factory	AWS Lead	Aug '25	Regulatory / Physical	All	Review Annually	-	
	1b:Development of water stewardship plan to address key water issues facing the community	AWS Lead & Team has discussed and spread AWS awareness and common water related issues & best practices.	AWS Lead/ Team	Aug'25	Regulatory / Physical		Review & Update	-	
	1c:Develop AWS related activities in engagement with EPA for environmentally sustainable activities dealing with climate change	Tree Plantation activities in liaison of Govt of Pakistan	S&E Manager	Dec '25	Regulatory/ Physical	Overuse of Catchment Water	12,000 Trees Plantation	-2 Mio PKR	
	1d:Meetings with identified stakeholders(Neighbouring Community elders) to have consensus on current water stewardship work and future water related development.	Consultative meeting on site to be hosted by Nestle, inviting relevant stakeholders identified and get feedback on sites water stewardship commitment.	AWS team	June '25	Reputational	Overuse of Catchment Water	01 Meeting/Year	-35,000	
	1e:Meetings with identified stakeholders(Industries) to have consensus on current water stewardship work and future water related development.	Consultative meeting on site to be hosted by Nestle, inviting relevant stakeholders	AWS team	June '25	Reputational	Overuse of Catchment Water	01 Meeting/Year	-25,000	
	1f: Implementation of water good practices awareness in sites area of operations	Water awareness session with Company staff/ third Party service Provider.	AWS Lead/ S &E Team	Dec '25	Reputational	Drinking water quality & Overuse of catchment water	Annual Awareness Session	-	
	1g:cleaning and desilting of The Veno Canal. This includes engaging with the local authorities to ensure community responsibility. Also ensuring maintenance of the catchment recharge point.	Canal Cleaning	AWS / S&E team	March '25	Physical	Solid waste deposition in canal	Once/year	-4.54,000	
1h:Update "AWS Teams" for KBF Site	AWS Team led by the Factory Manager which includes the site leadership and 6-7 dedicated individuals that regularly update, review and evaluate water stewardship site efforts.	Site S&E/ Site HR/ Site Controller/Engineering/Site PR/	Dec '25	Physical/Regulatory/Financial		review Annually or in case of any change	-		
SUSTAINABLE WATER BALANCE	2a:Improve and update site water balance	Update and maintenance of currently existing water balance for site	water Expert/Site S&E	March'25	Regulatory/ financial		Once/year		
	2b:Data for static and Dynamic level of KBF	A quarterly monitoring and analysis of well static and dynamic levels	Engineering	Quarterly	Regulatory/ physical	Overuse of Catchment Water	Once/Quarter to ensure sustainability		
	2c: Align Factory Target for 2025 for Water Conservation KPI	Environment sustainability	Engineering	Dec '25	physical	Overuse of Catchment Water	-19,100 m3 absolute water reduction Vs 2024		
	2d: Optimizing RAW water by using RO water in recovery tanks to dilute the milk	Environment sustainability	Water Expert	Feb-'25	physical	Overuse of Catchment Water	-1,500 m3/year		
	2e: Recovery of Stabilization Water of Ewp 2	Environment sustainability	Water Expert	Jul-'25	physical	Overuse of Catchment Water	-800 m3/year		
	2f: Upgradation of MBR Membranes	Environment sustainability	Water Expert	Apr-'25	physical	Overuse of Catchment Water	-12,900 m3/year	-40 Mio PKR	
	2g: Water recovery from CIP circuit at STD	Environment sustainability	Water Expert	Jul-'25	physical	Overuse of Catchment Water	-2,000 m3/year		
	2h: Recover and Re-Use of stabilization water at Evaporator	Environment sustainability	Water Expert	Jan-'25	physical	Overuse of Catchment Water	-800 m3/year		
	2i: Water Reduction by increase of TS	Environment sustainability	Water Expert	Jul-'25	physical	Overuse of Catchment Water	-1500 m3/year		
	2j: improve water management resource at catchment level	Nestle/ KBF sponsored plantation of trees in Coordination with Local Govt. Plantation	S&E / AWS Team	Dec '25	Reputational	Overuse of Catchment Water	12,000 Trees Plantation	-2 Mio PKR	
GOOD WATER QUALITY STATUS	3a:sustainable water quality results for water discharge record availability	COD, pH, TSS	Site S&E manager/S Manager	Dec '25	Regulation, Reputational, financial, Physical	Drinking water quality & Overuse of catchment water	In house monitoring as per Monitoring plan, Monthly & Quarterly report by 3rd Party, Quarterly Monitoring to ensure Quality of discharge water and submit report to local Agency	-0.5 Mio	
	3b:Monitoring of SBR outlet water Quality	COD, pH, TSS	Water Expert	Dec '25	financial, Physical	Drinking water quality & Overuse of catchment water	As per Monitoring plan/log sheet	-0.1 Mio	
	3c:Monitoring of Ground water Quality	Raw water parameters	Water Expert	Dec '25	Regulation, Reputational, financial, Physical	Drinking water quality	Monthly Monitoring to ensure Quality of ground water/ Annually through 3rd Party	-8.5 Mio	
IMPORTANT WATER RELATED AREAS	4a: Evaluation of the site water stewardship in the catchment context. An evaluation feedback form to be developed and sent to relevant stakeholders and receive feedback on current risks/shared water challenges. Also share site WWSA status with stakeholders.	Utilize feedback form available and incorporate comments and suggestions from relevant stakeholders to assess risk/shared water challenges	AWS Team	June '25	Reputational, Financial, Physical		Feedback forms from community minimum 10.		
	4b: AWS disclosure for public dissemination of water stewardship	Publicly disclosed commitment for KBF AWS certification Publicly available data studies, publicly available commitment by Nestle'	Public Affairs HO	Sep '25	Reputational, Financial		Review Annually Review		
	4c: Annual Review of water related emergency incidents	Planned meeting with factory AWS team	AWS Team	Dec '25	Reputational, Financial, Physical		Review Annually		
	5a:WASH best Practices	Continually improve better sanitation services to staff onsite. This may include, but not limited to, renovation work to install improved sanitary ware on site which may conserve water & Provide good hygiene awareness.	AWS Lead	Dec '25	Reputational		Maintain Social Blocks Hygiene for male & female washrooms, ensure drinking water availability/Hygiene Awareness sessions/Available	-1.2 Mio	
SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)	5b:Improve the Sewerage treatment discharge water outside of factory premises.	Operation the new SBR Sewerage treatment plant with Government ONGC	Project Team (Bila), AWS Lead	June-25	Reputational, Financial, Physical	Drinking water quality	All parameters within Norms as per EPA	5 Mio PKR	
	5c: Clean Drinking Water Facility / Water Filtration Plant Khanawal	Water Quality Test	AWS Team	Ongoing (3 year contract)	Physical	Drinking water quality	Ensure Good Quality Drinking Water & Quality Results		
	5d:Clean Drinking Water Facility / Water Filtration Plant Kabirwala	Water Quality Test	AWS Team	Ongoing (3 year contract)	Physical	Drinking water quality	Ensure Good Quality Drinking Water & Quality Results	-5.9 Mio	
	5e:Clean Drinking Water Facility / Water Filtration Plant Allahabad	Water Quality Test	AWS Team	Ongoing (3 year contract)	Physical	Drinking water quality	Ensure Good Quality Drinking Water & Quality Results		
	5f:Meetings with TMA officials to have session on current sewerage network system and its improvement	Consultative meeting in TMA office to get feedback on current setup and improvement activities	AWS Team	June '25	Physical	Poor Sewerage and Water Supply Network	01 Meeting/Year		