

ALLIANCE FOR WATER STEWARDSHIP 2023									
KABIRWALA FACTORY									
WATER STEWARDSHIP PLAN									
GOALS	ACTIONS	INDICATORS	RESPONSIBLE	TIMELINE	CREATION (Physical/Regulation/Reputation and Financial)	Target	Achievement	Cost (PKR)	
GOOD WATER GOVERNANCE	1a:Development of a water stewardship Commitment in the light of water stewardship policy	A one pager commitment drafted, signed and displayed on notice boards of factory	AWS Lead	Aug '23	Regulatory / Physical	Review & Update	Done	-	
	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	March'23	Regulatory / Physical	Review & Update	Done	-	
	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 '23	Regulatory/ Physical	10,000 Trees Plantation	~9340 trees planted so far	~2 Mio	
	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 '23	Reputational	01 Meeting/Year	Refresher on water related challenges & developments discussed (Done)	~30,000	
	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 '23	Reputational	01 Meeting/Year	Refresher on water related challenges & developments discussed (Done)	~20,000	
	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 '23	Reputational	Annual Awareness Session	Done	-	
	1g:cleaning and desilting of The Venoi 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	Mar '23	Physical	Once/year	canal cleaning carried out will improve water flow	~5,50,000	
	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 '23	Physical/Regulatory/Financial	review Annually or in case of any change	Reviewed & updated	-	
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'23	Regulatory/ financial	Once/year	Completed		
	2b:Data for static and Dynamic level of KBF	A quarterly monitoring and analysis of well static and dynamic levels	Engineering	Quarterly	Regulatory/ physical	Once/Quarter to ensure sustainability	static level is table with minor variance		
	Align Factory Target for 2023 for Water Conservation KPI	Environment sustainability	Engineering	Dec '23	physical	~21,800 m3 absolute water reduction Vs 2022	so far 70% water saving target has been achieved		
	2c:Utilizing Reuse water for Intermediate rinse CPs (Total 03 number of groups)	Environment sustainability	Water Expert	March'23	physical	~15,000 m3/year	~14,000		
	2d: Reduction in raw water consumption at cooling tower & Evap condenser by utilization of Recycled water	Environment sustainability	Water Expert	Feb '23	physical	~5,000 m3/year	~5,500		
	2e:Water consumption optimization at Social block areas	Environment sustainability	Water Expert	March'23	physical	~900 m3/year	~945		
	2f: 50% reduction of raw water at HP pump # 3 & at three feed Pumps by providing RO water	Environment sustainability	Water Expert	Nov'23	physical	~1000 m3/year			
	2g: Replacing HP pump-1 raw water consumption for seal cooling with RO water	Environment sustainability	Water Expert	Oct'23	physical	~900 m3/year			
	2h:Improve water management resource at catchment level	Nestle KBF sponsored plantation of trees in Coordination with Local Govt. Plantation	S&E / AWS Team	Dec '23	Reputational	10,000 Trees Plantation	~9340 trees planted so far	~1.5 Mio	
GOOD WATER QUALITY STATUS	3a:sustainable water quality results for water discharge record availability	COD, pH, TSS	Site S&E manager/IS Manager	Dec '23	Regulation, Reputational, financial, Physical	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	All reports are within Norms	~0.5 Mio	
	3b:Monitoring of soakage pit water Quality	COD, pH, TSS	Water Expert	Dec '23	financial, Physical	As per Monitoring plan	So far reports are within Norms	~0.1 Mio	
	3c:Monitoring of Ground water Quality	Raw water parameters	Water Expert	Dec '23	Regulation, Reputational, financial, Physical	Monthly Monitoring to ensure Quality of ground water/ Annually through 3rd Party	All reports are within Norms	~6 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 risk/shared water challenges	Utilize feedback form available and incorporate comments and suggestions from relevant stakeholders to assess risk/shared water challenges	AWS Team	June '23	Reputational, Financial, Physical	Feedback forms from community minimum 10.	Feedback forms received from community >10 persons		
	4b: AWS disclosure for public dissemination of water stewardship	Publically disclosed commitment for KBF AWS certification	Public Affairs HO	Sep '23	Reputational, Financial	Review Annually	Done		
		Publically available data studies, publically available commitment by Nestle				Review	Done		
SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)	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 '23	Reputational	Maintain Social Blocks Hygiene for male & female washrooms, ensure drinking water availability,Hygiene Awareness sessions/available	Available & Maintained Sessions Conducted & also Communicated. Reviewed Annual assessment	~0.8 Mio	
	5b: Clean Drinking Water Facility / Water Filtration Plant Khairwala	Water Quality Test	AWS Team	Ongoing (3 year contract)	Physical	Ensure Good Quality Drinking Water & Quality Results.	Quality Results maintained		
	5c:Clean Drinking Water Facility / Water Filtration Plant Kabinwala	Water Quality Test	AWS Team	Ongoing (3 year contract)	Physical	Ensure Good Quality Drinking Water & Quality Results.	Quality Results maintained		
	5d:Clean Drinking Water Facility / Water Filtration Plant Allahabad	Water Quality Test	AWS Team	Ongoing (3 year contract)	Physical	Ensure Good Quality Drinking Water & Quality Results.	Quality Results maintained		
	5e: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 '23	Physical	01 Meeting/Year	Session on water related challenges & developments discussed (Done)		