

ALLIANCE FOR WATER STEWARDSHIP KABIRWALA FACTORY WATER STEWARDSHIP PLAN						
GOALS	ACTIONS	INDICATORS	RESPONSIBLE	TIMELINE	CREATION (Physical/Regulation/Reputation a/Financial)	
GOOD WATER GOVERNANCE	1a:Development of a water stewardship policy in the light of water stewardship commitment	A one pager policy drafted, signed and displaced on notice boards of factory.	AWS Lead	Oct'17- ongoing	Regulatory / Physical	
	1b: Engagement with local media and journalists to disseminate water related information to the public	Press brief and site visit of journalists on site of the factory to disseminate factory's best water practices to public	Public Affairs Office HO/Site	Jan-March '18	Reputational	
	1c:Development of water stewardship plan to address key water issues facing the community	The Factory Leadership,AWS Lead plus Team has discussed and spread AWS awareness and common water related issues	AWS Lead/ Team	March '18-Ongoing	Regulatory / Physical	
	1d: Develop AWS related projects in agreement with EPA to sponsor environmentally sustainable activities dealing with climate change, water infiltration and conservation.	Agreement with Environmental Protection Agency and Nestle' over activities to be conducted.	SH&E Manager	Jan '17 - Ongoing	Regulatory/ Physical	
	1e: Meetings with identified stakeholders 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 during stakeholder mapping process to discuss and get feedback on sites water stewardship commitment.	AWS team	March'18 - Ongoing	Reputational	
	1f: Meetings with identified stakeholders to have consensus on current water stewardship work and future water related development	Consultative meeting in sponsorship with SDPI & LUMS by Nestle, inviting relevant stakeholders from community, authorities and journalists to further discuss water stewardship commitment and launch of water plan.	Public Affairs, AWS team	October'17	Reputational	
	1g: Implementation of water education program in sites area of operations	Project WET to be continued in Khanewal/kabirwala area.	AWS Lead	March'19 - ongoing	Reputational	
	1h:Development of "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 tasks and financials for the site	Site SHE/ Site HR/ Site Controller/Engineering/Site PR/	Oct '17-ongoing	Physical/Regulatory/Financial	
	1i: Nestlé Chaussa Mango Project at 8 different farms in District Multan and District Khanewal	Community benefit	Site HR/ Site Controller/Engineerir	Ongoing	Reputational/Financial	
	1j: Distribution of Irrigation Water to our neighboring Farmers	Environment sustainability	Site SHE / Site ISM	Ongoing	Physical/Regulatory/Financial	
	1k: Participation in Tree Plantation Activity organized Annually on "World Tree Plantation Day"	Environment sustainability	Site SHE/ Site HR/ Site Controller/Engineering/Site PR/	Ongoing	Reputational	
SUSTAINABLE WATER BALANCE	2a: Conduct an indirect water use awareness and evaluation for the supply chain vendors to factory.	Indirect water in supply chain to factory from dairies to be analyzed.	AWS Lead /Team	Ongoing	Reputational	
	2b: Improve awareness about water conservation Agri value chain by helping local farm holdings implement drip irrigation farming method	MOU Signing between Nestle' Pakistan and GOP Drip Irrigation Project Providing training and support to farmers and other relevant suppliers on water quality, reducing water usage as well as retaining soil moisture for water sourcing in water scarce locations.	Public Affairs	Ongoing	Physical / Financial	
	2c: Improve and update site water balance	update and maintenance of currently existing water balance for site, m3 / day	water expert/Site SHE	Annually	Regulatory/ financial	
	2d: Manual Monitoring data for static and Dynamic level of KBF & installation of online Level monitoring device.	A quarterly monitoring and analysis of well static and dynamic levels	Engineering	quarterly/ongoing	Regulatory/ physical	
	2e: Improve water resource management at catchment level	Environment sustainability	water expert	Annual	regulatory, financial, reputational	
	2f: Explore water saving initiatives for site to meet water reduction targets	Environment sustainability	water expert	October'18	Reputational	
	2g: Industrial services Zero Water Journey by Utilizing MBR-RO water at Cooling Towers & Condensers	Environment sustainability	water expert	January'18	Reputational	
	ROs Operational Optimization & Water Management	Environment sustainability	water expert	April'18	Reputational	
	2h: DIY-STD Sealing water pump water Consumption reduction	Environment sustainability	water expert	June'18	Reputational	
	2i: DIY-UHT Sealing water pump water Consumption reduction	Environment sustainability	water expert	July'18	Reputational	
	2j: Mosque TAP Water Reduction	Environment sustainability	water expert	August'18	Reputational	
	2k: Orifice installation in water taps of adjacent cotton factory	Environment sustainability	Water Expert	Aug-2018	Physical/Regulatory/Financial	
	2l: Category-03 Water Network Distribution Throughout Factory	Environment sustainability	water expert	September'18	Reputational	
	2m: Powder Sealing water pump water Consumption reduction.	Environment sustainability	water expert	September'18	Reputational	
	2n: Drip Irrigation Pilot Model in Kabirwala factory	Environment sustainability	water expert	December'18	Reputational	
	2o: Orifice installation in water taps of adjacent cotton factory	Environment sustainability	Water Expert	Aug-2018	Physical/Regulatory/Financial	
	2p:Improve water management resource at catchment level	Cleaning and DE siltation of Venoi canal to increase water flow efficiency and thus conserving the local catchment recharge point	AWS Team	annual	Physical,reputational,regulation	
	2q:Improve water management resource at catchment level	Plantation of more than 1lac trees	SH&E / AWS Team	2017-ongoing	Reputational	
	2r:Improve water management resource at catchment level	Nestle' KBF sponsored plantation of trees in public schools in the surrounding communities	SH&E / AWS Team	2017/ongoing	Reputational	
	GOOD WATER QUALITY	3a:sustainable water quality results for water discharge record availability	Monthly/ COD, PH, Conductivity, TDS, TSS	Site SHE manager/IS Manager	ongoing	Regulation, Reputational, financial, Physical
3b:Maintenance and improvement of wash onsite		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	Site SHE manager / site HR manager	2016-ongoing	Regulation, Reputational, Financial, Physical	
3c:Monitoring of Ground water Quality		Daily, Monthly & Annual analysis of water parameters	Water Expert	Ongoing Activities	Regulation, Reputational, Financial	
3d: Clean Drinking Water Facility / Water Filtration Plant Khanewal		Monthly water Quality Test	Site quality assurance Manager	Monthly	Physical	
3e:Clean Drinking Water Facility / Water Filtration Plant Kabirwala		Monthly water Quality Test	Site quality assurance Manager	Monthly	Physical	
3f:Clean Drinking Water Facility / W Water Filtration Plant Allahabad		Monthly water Quality Test	Site quality assurance Manager	Monthly	Physical	
HEALTHY STATUS OF IMPORTANT WATER RELATED AREAS	1a: Cleaning and desilting of The Vanoi Canal. This includes engaging with the local authorities to ensure community responsibility. Also insuring maintenance of the catchment recharge point.	Creating awareness of a shared challenge among the local industry	AWS Team	Ongoing	Physical, financial Regulatory	
	1b: 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	Utilize feedback form available and incorporate comments and suggestions from relevant stakeholders to assess risk	AWS Team	Oct'18	Reputational, Financial, Physical	
	1c: AWS disclosure for public dissemination of water stewardship	Publicly disclosed commitment for KBF AWS certification	Public Affairs HO	Dec'18	Reputational, Financial,	
		Publicly available data studies, publically available commitment by Nestle'				