

ALLIANCE FOR WATER STEWARDSHIP					
KABIRWALA FACTORY					
WATER STEWARDSHIP PLAN					
GOALS	ACTIONS	INDICATORS	RESPONSIBLE	TIMELINE	CREATION (Physical/Regulatory/Reputational/Financial)
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	Done	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	March '19	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	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 '19 - 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 19 - 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 by Nestle, inviting relevant stakeholders from community, authorities and journalists to further discuss water stewardship commitment water plan.	Public Affairs, AWS team	October 19	Reputational
	1g:Implementation of water good practices awareness in sites area of operations	Female Vocational training institute water awareness session	AWS Lead	Dec'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/	Ongoing	Physical/Regulatory/Financial
	1i:Nestlé Chaunsa Mango Project at different farms in District Multan and District Khanewal	Community benefit	Site SHE/ Site HR/ Site Controller/Engineering/Site PR/	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", and supporting Pakistan Gov. in clean green initiative	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:Data for static and Dynamic level of KBF	A quarterly monitoring and analysis of well static and dynamic levels	Engineering	quarterly/ongoing	Regulatory/ physical
	2e: Explore water saving initiatives for site to meet water reduction targets	Environment sustainability	water expert	Dec'19	Reputational
	2f: Reduction of Shear Mixer sealing water on all scanimas	Environment sustainability	water expert	Apr'19	Reputational
	2g:Optimization of softener Backwash & final rinse Water.	Environment sustainability	water expert	Sep'19	Reputational
	2h:Reduction of CIP time from 3.53 to 3.08 hrs.	Environment sustainability	water expert	June 19	Reputational
	2i:Chilled Water Recovery from VTIS.	Environment sustainability	water expert	Aug'19	Physical/Regulatory/Financial
	2j:Sterilized Water Recovery from Thermizer & Pasteurizer and Reverse Osmosis Plant-1 Productivity Increase	Environment sustainability	water expert	May'19	Reputational
	2k:Maximizing Utilization of MBR-RO Water Water	Environment sustainability	Water Expert	Jan'19	Physical/Regulatory/Financial
	2l:Increase in Capacity of RO1	Environment sustainability	water expert	Jan'19	Reputational
	2m: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	Annually	Physical,reputational,regulation
	2n:Improve water management resource at catchment level	Nestle' KBF sponsored plantation of trees in public schools in the surrounding communities. Plantation of more than approx. Ten thousand	SH&E / AWS Team	Ongoing	Reputational
GOOD WATER QUALITY STATUS	3a:sustainable water quality results for water discharge record availability	COD, pH, Conductivity, TDS, TSS	Site SHE manager/IS Manager	ongoing	Regulation, Reputational, financial, Physical
	3b:Monitoring of Ground water Quality	Raw water parameters	Water Expert	Ongoing Activities	Regulation, Reputational, financial, Physical
IMPORTANT WATER RELATED AREAS	4a: 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.	Creating awareness of a shared challenge among the local industry	AWS Team	Ongoing	Physical, financial Regulatory
	4b: 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	Dec' 19	Reputational, Financial, Physical
	4c: AWS disclosure for public dissemination of water stewardship	Publicly disclosed commitment for KBF AWS certification Publicly available data studies, publically available commitment by Nestle'	Public Affairs HO	Done	Reputational, Financial
SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)	5a:WASH best Practices	Provide good hygiene training	Site QA	Ongoing	Reputational
	5b: Clean Drinking Water Facility / Water Filtration Plant Khanewal	Water Quality Test	Site quality assurance Manager	Ongoing	Physical
	5c:Clean Drinking Water Facility / Water Filtration Plant Kabirwala	Water Quality Test	Site quality assurance Manager	Ongoing	Physical
	5d:Clean Drinking Water Facility / Water Filtration Plant Allahabad	Water Quality Test	Site quality assurance Manager	Ongoing	Physical
	5e: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 HR manager	2016-ongoing	Regulation, Reputational, Financial, Physical