

Nestle' Pakistan Islamabad Factory													
Alliance for Water Stewardship Standard Implementation													
Water stewardship Action Plan - SMART Targets													
Project	Scope of Project	Objective	Target	Metrics	Action	Cost	Desired Results	AWS Outcome	Responsible	Accountable	Start Date	End Date	Status
Reduction in process waste	Internal	To reduce the process waste	Reduce water consumption by reducing process waste by 15% i.e. 100 m3 of water savings	Daily, weekly and monthly operational reviews on water consumption	Launch DMAIC to complete process waste reduction project	PKR 0 (Inhouse measures)	Reduction in process waste by 15% i.e. 100 m3 of water saved	Healthy status of IWRA Sustainable water balance	Shereen Raza	Ahmad Nawaz	1-Jul-21	31-Dec-21	In-progress
Leak tester installation	Internal	Sustain leak tester performance at 75%	Sustain leak tester performance at 75% i.e. 26 m3 of water savings	Daily operational reviews on water consumption	Sustain leak tester's performane at 75%	PKR 0 (Inhouse measures)	Water savings of 25 m3	Healthy status of IWRA Sustainable water balance	Taimoor Ijaz	Ahmad Nawaz	1-Jul-21	31-Dec-21	In-progress
Effluent Treatment Pit	Internal	Setup a two compartment effluent equalization pit along with pH sensor	To ensure compliance as per directions of SCWC	Daily compliance meeting	Setup a two compartment effluent equalization pit along with pH sensor	PKR 10.5 mio	To ensure compliance as per directions of SCWC	Healthy status of IWRA Water Quality	Taimoor Ijaz	Ahmad Nawaz	31-Jul-20	30-Sep-21	In-progress
RO recovery plant	Internal	To reduce well water withdrawal by getting water from recovery RO for industrial tank	Increase global RO recovery upto 90%	Weekly operational reviews	Follow-up for CAPEX approval	PKR 31 mio	Increase global RO recovery upto 90%	Water governance Water quality Healthy status of IWRA Sustainable water balance	Malik Ahmad	Ahmad Nawaz	1-Jan-21	31-Jul-22	In-progress
Provision of drinking water filters for water coolers at I.M.C.G Kot Hathial, Islamabad	External	To provide clean drinking water for students of the school	To ensure complete installation of filters by March 31, 2021.	Photographic evidence, Project documents	Nestle Islamabad factory to install drinking water filters in school.	PKR 0.026 mio	To provide clean drinking water for students of the school @ 1800 L/day.	Water Quality	Asad Khan	Ahmad Nawaz	1-Mar-21	31-Mar-21	Done
Rain water harvesting at I.M.C.G Kot Hathial, Islamabad	External	To improve water balance of the catchmnet and provide water for Sanitation	RWH setup in local Girls School Scale Up project	Photographic evidence, Project documents	Installation of Rainwater Harvesting Units at Girl Schools in Islamabad Identification of low cost solution for RWH/Preparation of Feasibility Study	PKR 0.9 mio	To improve water balance of the catchmnet and provide water for Sanitation	Sustainable Water Balance Good Water Governance WASH	Asad Khan	Ahmad Nawaz	1-Jul-20	31-Mar-21	Done
Soil moisture sensors installation	External	To install soil moisture sensor in hydrosched of Islamabad plant	Install 15 soil moisture sensors within hydrosched of Islamabad plant	Water savings data from head office	Install 15 soil moisture sensors within hydrosched of Islamabad plant	PKR 0.75 mio	Reduction in water usage for irrigation of crops (Anticipated water savings from sensors are approx. 18,500 m3/yr)	Sustainable Water Balance IWRA	Asad Khan	Ahmad Nawaz	28-Feb-21	30-Jun-21	Done
Laundry Wastewater Recycling	External	To reuse last rinse water in detergent step i.e. fresh water usage will be avoided	Target will be decided after site visit and potential to recycle wastewater	Water savings data from the vendor	Laundry service provider is engaged for this project. Project is explained and support will be provided to him for the project in terms of coaching and training	0	Water savings of 27 m3/yr	Sustainable Water Balance IWRA	Asad Khan	Ahmad Nawaz	28-Feb-21	10-Jul-21	Done
Tree Plantation	External	To improve soil ecology, infiltration, reduce surface run off and mitigate global warming	Plantation of 2000 trees	Photographic evidence, Project documents	Nestle Islamabad factory to plant 2000 trees in monsoon tree plantation drive.	PKR 0.5 mio	To improve soil ecology, improve water infiltration and mitigate surface run off and global warming trend	Healthy status of IWRA Sustainable Water Balance	Asad Khan	Ahmad Nawaz	31-Aug-21	21-Sep-21	In-progress