

Alliance for Water Stewardship Standard Implementation												
Water Stewardship Action Plan												
Project	Scope of Project	Objectives	Target	Metric	Action	Cost	Desired Result	AWS Outcome	Responsible	Start Date	End Date	Status
RO Recovery Increase for IS	Internal	Reduction in reject water and improve water ratio	Improve RO efficiency by 10 %	Weekly and monthly monitoring.	Modification and improvemnet in design	8 Mio PKR	12000 m3/year	Sustainable Water Balance. Important Water related area.	Muaaz Aqeel	1-Mar-21	30-Jun-22	Completed
Effluent Treatment online monitoring system	Internal	Compliance & Monitoring of Waste treatment plant performance.	Compliance with discharge limits.	Weekly compliance meeting.	Automation & Online monitoring System installation at discharge point	4 Mio PKR	Compliance / Good Quality Status	Good Water Governace. Good Water Quality Status.	Maaz Khurshid	1-May-20	1-Jun-21	Completed
Improve Waste Water recycling at Factory level	Internal	Reduction in Fresh Raw Water Extraction.	Further enhance Waste treatment recycling capacity by 15 %.	Monthly review of Water Saving initiatives ,progress tracking.	New membranes system setup at Waste treatment plant.	20 Mio PKR	15000 m3 / year (Estimated Savings)	Sustainable Water Balance. Good Water Governace.	Muaaz Aqeel	1-Mar-21	1-Dec-21	In Progress
Selfcleanable filters installation to reduce process loss	Internal	Improve water recover at HOD line.	Impact on Water ratio of factory	Monthly review of Water Saving initiatives ,progress tracking.	Installation of Selfcleanable filter at HP washer.	8 Mio PKR	6700 m3/year (Estimated Savings)	Sustainable Water Balance. Good Water Governace.	Nasir Mansoor	1-Mar-21	30-Aug-21	In Progress
Water Sense Project	External	To install soil moisture sensor in farm fields around SKP region to reduce water usage in irrigation.	Reduce water usage in Irrigation by 10 %	Water Saving data from AgriServices	Installation of Soil moisture meters at farm fields.	1 Mio PKR	350,000 (m3/yr)	Sustainable Water Balance. Good Water Governace.	Mehboob Elahi	1-Jan-20	30/12/2020	On Going Yearly
StakeHolder Enagment / Knowledge Sharing	External	Gather sakeholders on a platform and discuss shared water challenges. To devise action plan for joint action on water Stewardship.	Involvemnet of Stakeholders in engagement event	Webinar for SKP AWS Journey & Report Sharing at AWS Global Forum	Plan Session in September	N/A	1 Session	Good Water Governace.	Maryam Khalid / Muaaz Aqeel	9-Jan-20	30/9/2020	Completed
Commuication and discolure of AWS success story to multiple stakeholders	External	To disseminate AWS outcome for SKP factory achieved at factory & catchment level.	Engagmnet in online webinars, media coverage and publication on actions	Publications, Sharing of projects on media platform	Conduct sessions with Media, water agencies, academia	N/A	2 Session	Good Water Governace.	Maryam Khalid	On Going	On Going	On Going
Tree Plantation	External	To improve soil, ecology ,infiltration,reduce surface run off and mitigate global warning.	Tree plantaion of 10000 plants	Evants organized pictures, evidence documents	Nestle SKP sponsored several events to drive planation activity under PM,s clean green initiatives	1 Mio PKR	37500 trees	Sustainable Water Balance. Good Water Governace.	Asif Javaid / Hassan Abbas	1-Jan-20	30/12/2020	Completed
Drip Irrigation Project	External	To promote drip irrigation in farms field to reduce water usage in irrigation field and promte water best preactices for water reduction	Reduce water usage in Irrigation by 15 %	Water Saving data from AgriServices	Year wise increasing drip of farm fields	40% cost	428,000 (m3/yr)	Sustainable Water Balance. Good Water Governace.	Mehboob Elahi	1-Jan-20	30/12/2020	Completed
Waste Water Treatment Discharge	External	To ensure process waste water discharge outside of factory conforms to local and EPA standrads and contribute to good catchment water quality	Improve water quality at catchment and promote waste treatment plants in catchment	Water Treatment plant conformity as per EPA & external reporting and engagement with authorities	Seeing is believing to conduct waste treatment site visit of academia, authorities and academia. Due to COVID external visitors entry limited.	N/A	Visits conducted by EPA PFA SCWC	Good Water Quality Status. Good Water Governace.	Muaaz Aqeel / Maryam Khalid	1-Jan-20	30/12/2020	On Going