

Nestle Pakistan Port Qasim Factory

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Alliance for Water Stewardship Standard Implementation

Water stewardship Action Plan

Project	Scope of Project	Objective	Target	Metrics	Action	Cost	Desired Results	AWS Outcome	Responsible	Accountable	Start Date	End Date	Status	RISK MITIGATION / OPPORTUNITY CREATION (Physical / Regulatory / Reputational / Financial)
Factory Effluent Dilution system	Internal	To dilute the factory effluent for the environmental compliance(waste water)	To meet 100% Waste water compliance	Waste water reports	Installation of new GFS & Underground tank with automation system	40mso	To meet Waste water compliance	Good water quality status	Nadia Habib	Mujtaba Saqib	1-Jan-21	1-Dec-21	Done	Regulatory
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 Port Qasim factory to plant 2000 trees in monsoon tree plantation drive.	PKR 0.2 mio	To improve soil ecology, improve water infiltration and mitigate surface run off and global warming trend	Healthy status of IWRA Sustainable Water Balance	Waqas Hussain	Nadia Habib	1-Jul-21	30-Sep-21	Done	Regulatory / Financial / Physical
Increase in RO WASA Utilization	Internal	To waste less water by recovering from primary RO concentrate	Water saving of 5000m3/yr	Water savings data	Ensure smooth Ro operation through on time maintenance & chemical cleanings	0.5mio	3000m3/yr	Sustainable Water Balance IWRA	Ramisha	Mujtaba Saqib	1-Oct-21	30-Sep-22	In-Progress	Regulatory / Financial / Physical
Reduction manual washing loss	Internal	To save the water and optimize the process aiming at sustainable water balance	Water saving of 1000m3/yr	Water savings data	Identify best washing practices and good governance and monitoring of manual washing	0.2	Water saving of 1000m3/yr	Sustainable Water Balance Good water governance	Ramisha	Mujtaba Saqib	1-Jan-22	31-Dec-22	In-progress	Physical
Tree Plantation	External	To improve soil ecology, infiltration, reduce surface run off and mitigate global warming	Plantation of 500 trees	Photographic evidence, Project documents	Nestle PQF factory to plant 500 trees in monsoon tree plantation drive.	PKR 0.2 mio	To improve soil ecology, improve water infiltration and mitigate surface run off and global warming trend	Healthy status of IWRA Sustainable Water Balance	Waqas Hussain	Nadia Habib	1-Jul-22	30-Sep-22	Done	Regulatory / Financial / Physical
Beach Cleaning	External	To preserve natural resources, safer environment, save marine animals	Clean the beach to raise awareness	Photographic evidence	Beach Cleaning Activity was conducted on World Clean Up Day at Sea view Karachi Pakistan in collaboration with National Forum for Environment & Health, Local Government, Clifton Cantonment Authority and Nestle Pakistan. CEO of Clifton Cantonment Board, Administrator of Local government, Employees from Port Qasim Factory, Regional Sales office, and members of community actively participated in this activity	0	To preserve natural resources, safer environment, save marine animals	Safer Environment, Good water governance	Nadia Habib	Mujtaba Saqib	1-Jul-22	30-Sep-22	Done	Regulatory / Financial / Physical
Stakeholder engagement and involvement	External	To improve water balance through knowledge sharing on water saving	Identify shared water challenges	Photographic evidence	Interview identified Stakeholders, Sharing learning and best practices and identification of shared water challenges	0	To improve water balance and work on shared water challenges	Good water governance Sustainable water balance Healthy status of Important Water-Related Areas	Nadia Habib	Mujtaba Saqib	1-Jun-22	30-Sep-22	Done	Physical / reputational
Separate drain line to avoid choking issue	Internal/External	Resolution of choking and drainline overflow issue	100% resolution of choking and drainline overflow issue	Photographic evidence, Project documents	Seek approval from PQA and lay out separate drain line	0.2 mio	100% resolution of choking and drainline overflow issue.	Good water governance Healthy status of Important Water-Related Areas	Faheem Naeem	Mujtaba Saqib	1-Sep-22	30-Dec-22	In-Progress	Regulatory/ Physical
To change pump depth of DW2	Internal/External	To achieve desire extraction	100% Mitigation of challenges related to water level drop in next 3 years	Photographic evidence, Project documents	Discuss with Zone for changing of Pump depth - Raise awareness among all internal & external stakeholders on water saving	0.2 mio	100% resolution of choking and drainline overflow issue.	Good water governance Healthy status of Important Water-Related Areas	Faheem Naeem/Ramisha Nadia	Mujtaba Saqib	1-Sep-22	30-Oct-2022 Ongoing	In-Progress	Regulatory / Financial / Physical
Meetings with relevant stakeholders	External	To raise awnness amonh stakeholders	Competency building of atleast 1 stakeholder site on water mapping	Photographic evidence, Project documents	Do regular meeting and competency building of SH Staff on resource management	0	To improve water balance and work on shared water challenges	Good water governance Sustainable water balance Healthy status of Important Water-Related Areas	Nadia Habib	Mujtaba Saqib	1-Oct-22	30-Jun-23	In-Progress	Physical