

Shared Water Challenges

Drinking Water related challenges at community level
Drinking water quality issue due to lack of proper drainage infrastructure

How to Best address water related challenges

Provision of infrastructure for clean drinking water
Water conservation on site and encourage stakeholders
Advocating best practices for sensible domestic & agriculture use of water
Improving water quality at catchment by showing casing waste water & SBR sewerage treatment plant
Monitoring of water quality
Education & Engagement on Water quality related challenges and solution through proper channels
Ensure uninterrupted water supply and conduct hydrological studies.

Water Stewardship Implementation Plan											
Water Stewardship Smart target											
Project	Outcomes	Target	Metrics	Action	Cost	Desired results	AWS Outcome	Responsible	Function	Start Date	End date
3 Clean drinking water facilities around factory / filtration plant around SKP region	Clean water access at community level	Good Quality of water with sustainable operations .Ensure Good hygienic condition	Health check of filtration plant & planned visit.	3 Year Maintenance & refurbishment for sustained operations and quality analysis.	5.2 Mio PKR	Availability of good water quality for community	Good Water quality / WASH	Usman Khan	HR	Jan-20	Dec-23
Clean drinking water access to third party staff working on site	Clean Water access to staff on site	Good Quality of water with sustainable operations .Ensure Good hygienic condition	Health check of filtration plant & planned maintenance	3 Year Maintenance & refurbishment for sustained operations and quality analysis.	3.0 Mio PKR	Availability of good water quality for staff and near by community	Good Water quality / WASH	Muaaz Aqeel	Engineering	Jan-22	Dec-23
Stakeholder Engagement / Knowledge Sharing	Gather multiple stakeholder on a single platform . Devise shared action plan for joint action on water stewardship	1 meeting / year	event organised, pictures ,evidence document	Conduct session on water education .	20 K approx	Educating community on responsible use of water & sharing best practices among industries	Good Water Governance / Sustainable Water Balance / WASH	Kashif / Muaaz	HR / Engineering	Jan-22	Dec-23
Drip Irrigation Project	Indirect Water reduction / Environmental	80000 m3	Water conservation at catchment level	Sustainable drip system for orchards and fields	approx 15 lac / acres	102014 m3	Good Water Governance / Water Quantity	Mehboob Elahi	Agri Services	Jan-22	Dec-22
Soil Moisture sensor	Indirect Water reduction / Environmental	150000 m3	Water conservation at catchment level	Sustainable moisture sensor for orchards and farm fields	approx 45 K / sensor	289182 m3	Good Water Governance / Water Quantity	Mehboob Elahi	Agri Services	Jan-22	Dec-22
Tree Plantation activities	Environmental sustainability	10000 trees	event organised, pictures ,evidence document	Nestle SKP drive to drive plantation drive under PM clean green initiative	1.5 Mio PKR	18000 trees	Good Water Governance / Sustainable Water	Asif Javaid	HSE	Jan-22	Dec-22
Sewerage Treatment Plant	Good Water Quality / WASH	Good quality of sewerage discharge out of site .	EPA norms for sewerage	Installation and operational of sewerage treatment plant to be compliant with EPA discharge limit .	27 Mio PKR	240 m3/day	Good Water Governance / WASH / Water Quality	Muaaz Aqeel	Engineering	Jan-22	Dec-22
Concrete drain infrastructure for storm and sewerage drain	Good Water Quality / WASH	Avoid seepage of drain in catchment	Ensure proper drainage as per design	Engage with authorities and local communities to self contribute + government support for drain	1.35 Mio / Only Nestle front	Proper drainage / avoid water accumulation	Good Water Governance / WASH / Water Quality	Usman Khan	PR Manager	Jan-22	Dec-22