



Water Stewardship Plan



Water Stewardship Plan



PTC Jhelum Factory - Water Stewardship Plan

Sr.No	Action	Timeframe	Action Linkage	Target	Achieved	Value Creation	Scope	Priority	AWS Outcome	Budget (PKR)	Category	Responsible	Accountable	Consulted	Informed	Status
1	Identification of Best Practices Related to Water Stewardship through engagements with stakeholders, suppliers and other End Markets	Cont.	Shared Water Challenge	Improved Water Stewardship	Improved Water Stewardship	Social, Cultural	Internal	Medium	All Outcomes	10,000.00	Long Term	EHSM	EHSM	Relevant Stakeholders	FM	Cont.
2	Establishment of Maintenance and Cleaning regime of Drinking Water Supplies	Cont.	Water Risk/ Shared Water Challenge	PEQS Compliance	Compliant	Social, Cultural	Internal	High	Good Water Quality Status	3,300,000.00	Continuous	FUM/EHSM	FUM/EHSM	FUM/EHSM	ESSM	Cont.
3	Monitoring and Tracking of Soil and Grounwater Protection Policy	Cont.	Water Risk	PEQS Compliance	Compliant	Social, Cultural	Internal	High	IWRAs Good Water Quality Status	N/A	Long Term	EHSM/FUM	EHSM/FUM	EHSM	FM	Cont.
4	Deployment of Legal Register to monitor and track compliance to Water Related Laws	Cont.	Water Risk	Yearly	Compliant	Social, Cultural and Economic	Internal	High	All Outcomes	N/A	Continuous	EHSM	EHSM	LEX	All Employees	Cont.
5	Clean up Drives for IWRAs	Cont.	Shared Water Challenge	Awareness Initiative	Improved Water Stewardship	Social, Cultural	External	Medium	Good Water Governance WASH IWRAs	1,000.00	Long Term	EHSM	EHSM	FM	Factory Audience	Cont.
6	AWS Awareness Session	Cont.	Shared Water Challenge	Awareness Initiative	Improved Water Stewardship	Social, Cultural	External	High	All Outcomes	150,000.00	Long Term	EHSM	EHSM	LEX	LEX	Cont.
7	Identification and sharing of Drip Irrigation Practices	Cont.	Shared Water Challenge	Awareness Initiative	Improved Water Stewardship	Social, Cultural	External	Medium	Good Water Governance Sustainable Water Balance WASH IWRAs	N/A	Long Term	EHSM	EHSM	EHSM	EHSM	Cont.
8	Collaboration with NGOs	Cont.	Shared Water Challenge	Awareness Initiative	Improved Water Stewardship	Social, Cultural, Economic	External	Medium	All Outcomes	N/A	Long Term	EHSM	EHSM	LEX	LEX	Cont.
9	Key Stakeholder Engagement and onboarding	Cont.	Shared Water Challenge	Improved Water Stewardship	Improved Water Stewardship	Social, Cultural	External	High	All Outcomes	10,000.00	Long Term	EHSM	EHSM	LEX	LEX	Cont.
10	Governance of Filtration Plants Installed in the Catchment by PTC	Cont.	AWS Finding	Protection of IWRA	Improved Water Stewardship	Social, Cultural	External	High	IWRAs	1,500,000.00	Long Term	EHSM	EHSM/LEX	LEX	LEX	Cont.
11	Provision of adequate Washroom facilities for all employees	Cont.	Water Risk	Factories Act 1934 Compliance	Compliant	Social, Cultural	Internal	High	WASH	6,600,000.00	Short Term	EHSM/FUM	EHSM	EHSM/FUM	ESSM	Cont.
12	Interconnectivity of Overhead tanks	2022	Water Risk/ Shared Water Challenge	BCP	Compliant	Social, Economic	Internal	High	IWRAs	3,500,000.00	Immediate	FUM	FUM/ESSM	ESSM	FM	Done
13	Installation of condensate recovery line from admoist , DCC and casing kitchen area to Boiler House condensate Tank	2022	Water Opportunity	1000 m3/year reduction in water withdrawn	374 m3 Annual	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	2,200,000.00	Immediate	FUM	FUM/ESSM	ESSM/FM	FM	Done
14	Installation of Sensor Taps in Cafeteria and washrooms	2022	Shared Water Challenge/ Water Opportunity	125 m3/month	56.2 m3/month	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	125,000.00	Immediate	FUM	FUM/ESSM	ESSM/FM	FM	Done
15	Renovation of washroom to provide all the required facilities, provision of ablution area in MOM washroom	2022	1. WASH Improvement Opportunity 2. Shared Water Challenge	Improved Water Stewardship	Improved Water Stewardship	Social, Cultural	Internal	Medium	WASH	6,600,000.00	Immediate	FUM	FUM/ESSM	ESSM/FM	All Employees	Done



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16	Utilization of Recycled Water in Cooling Towers	2023	Water Opportunity	1500 m3/yr	2796 m3/yr	Social, Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	6,000,000.00	Short Term	FUM	FUM	ESSM/EHSM/FM	FM	Done
17	Washroom, Canteen and Masjid Handwash water reused in gardening	2023	Water Opportunity	718 m3/year	718 m3/year	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	800,000.00	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Done
18	Ozonation and UV Light implementation in central filtration system	2023	Major Finding	TCC Reduction	99% Reduction in TCC	Social, Cultural	Internal	High	WASH Good Water Quality Status	600,000.00	Long Term	FUM	EHSM	Primary Services IC	FM	Done
19	Establishment of Inspection and Maintenance Regime of Water Network	2023	Water Risk/ Shared Water Challenge	PEQS Compliance	Compliant	Social, Cultural	Internal	Medium	IWRAs	3,300,000.00	Continuous	EHSM/FUM	EHSM/FUM	EHSM	FM	Done
20	Hydrological Study of the Catchment to be conducted	2023	Major Finding	Understanding of Water-Related Performance & Risks in Catchment	Understanding of Water-Related Performance & Risks in Catchment	Social, Cultural	External	High	All Outcomes	3,500,000.00	Short Term	EHSM	EHSM	FM	LEX	Done
21	Deployment of Water Efficient Taps in Local Mosques	2023	Shared Water Challenge	Reduction in Water Wastage	Reduction in Water Wastage	Social, Cultural, Economic	External	High	Good Water Governance Sustainable Water Balance WASH IWRAs	470,000.00	Long Term	EHSM	EHSM	LEX	Community Members	Done
22	Deployment of Signs & Signages in Mosques	2023	Shared Water Challenge	Awareness Initiative	Improved Water Stewardship	Social, Cultural	External	Medium	Good Water Governance WASH IWRAs	5,000.00	Immediate	EHSM	EHSM	LEX	Community Members	Done
23	Deployment of Water Coolers in Catchment	2023	Shared Water Challenge	Provision of Drinking Water	Target Achieved	Social, Cultural, Economic	External	High	Good Water Governance Good Water Quality Status WASH	500,000.00	Long Term	EHSM	EHSM	LEX	LEX	Done
24	Provision of Portable Tap Purifiers	2023	Shared Water Challenge	Provision of Clean Drinking Water	Target Achieved	Social, Cultural, Economic	External	Medium	Good Water Governance Good Water Quality Status WASH	60,000.00	Short Term	EHSM	EHSM	LEX	LEX	Done
25	Steam Condensate recycle from PMD Casing Kitchen	2024	Water Opportunity	638 m3/yr	N/A	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	200,000.00	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Planned
26	High Pressure Spray Taps for SMD Gumpot Washing	2024	Water Opportunity	1248 m3/yr	N/A	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	1,500,000.00	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Planned
27	Level 3 Water Monitoring	2024	Water Opportunity	900 m3/year	N/A	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	90,000,000.00	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Planned
28	Mist Sensor Taps Deployment	2024	Water Opportunity	624 m3/year	N/A	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance WASH	2,100,000.00	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Planned
29	Water Sprinkler Installation across Factory	2024	Water Opportunity	300 m3/year	N/A	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	2,500,000.00	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Planned
30	Installation of Filtration Plant in Catchment	2024	Stakeholder Feedback	20,000 Liters/Day	N/A	Social, Cultural	External	High	Good Water Quality Status	10,000,000.00	Long Term	LEX	LEX	Governmental Bodies	Governmental Bodies	Planned



Water Stewardship Plan Disclosure



The Water Stewardship Plan of the site has been disclosed on the PTC website and communicated to Stakeholders via meetings.

Considering the feedback shared by different Stakeholders, the site implemented CSR projects to address the shared water challenges



WATER STEWARDSHIP

