



PTC JF Water Stewardship Performance



Water Stewardship Plan

PTC Jhelum Factory - Water Stewardship Plan

Action	Timeframe	Monitoring	Action Linkage	Target	Value Creation	Scope	Priority	AWS Outcome	Budget (PKR)	Category	Responsible	Accountable	Consulted	Informed	Status
Identification of Best Practices Related to Water Stewardship through engagements with stakeholders, suppliers and other End Markets	Cont.	NA	Shared Water Challenge: Lack of Awareness, Poor Water Management, Pollution of Water Resources	Improved Water Stewardship	Social, Cultural	Internal	Medium	All Outcomes	10,000.00	Long Term	EHSM	EHSM	Relevant Stakeholders	FM	On Track
Establishment of Maintenance and Cleaning regime of Drinking Water Supplies	Cont.	Monitoring through inspection checklist	Water Risk/ Shared Water Challenge	PEQS Compliance	Social, Cultural	Internal	High	Good Water Quality Status	3,300,000	Continuous	FUM/EHSM	FUM/EHSM	FUM/EHSM	ESSM	On Track
Monitoring and Tracking of Soil and Grounwater Protection Policy	Cont.	Monitoring through inspection checklist	Water Risk	PEQS Compliance	Social, Cultural	Internal	High	IWRAs Good Water Quality Status	N/A	Long Term	EHSM/FUM	EHSM/FUM	EHSM	FM	On Track
Deployment of Legal Register to monitor and track compliance to Water Related Laws	Cont.	Annual Review/Based on change in law	Water Risk	Yearly	Social, Cultural and Economic	Internal	High	All Outcomes	N/A	Continuous	EHSM	EHSM	LEX	All Employees	On Track
Clean up Drives for IWRAs	Cont.	NA	Shared Water Challenge: Pollution of Surface Water	IWRA Improvement	Social, Cultural	External	Medium	Good Water Governance WASH IWRAs	1,000.00	Long Term	EHSM	EHSM	FM	Factory Audience	On Track
AWS Awareness Session	Cont.	NA	Shared Water Challenge: Lack of Awareness, Poor Water Management	Improved Water Stewardship	Social, Cultural	External	High	All Outcomes	150,000.00	Long Term	EHSM	EHSM	LEX	LEX	On Track
Identification and sharing of Drip Irrigation Practices	Cont.	NA	Shared Water Challenge: Depleting Water Table	Improved Water Stewardship	Social, Cultural	External	Medium	Good Water Governance Sustainable Water Balance WASH IWRAs	N/A	Long Term	EHSM	EHSM	EHSM	EHSM	On Track
Collaboration with NGOs	Cont.	NA	Shared Water Challenge: Lack of Awareness, Poor Water Management	Improved Water Stewardship	Social, Cultural, Economic	External	Medium	All Outcomes	N/A	Long Term	EHSM	EHSM	LEX	LEX	On Track
Key Stakeholder Engagement and onboarding	Cont.	NA	Shared Water Challenge: Lack of Awareness, Poor Water Management	Improved Water Stewardship	Social, Cultural	External	High	All Outcomes	10,000.00	Long Term	EHSM	EHSM	LEX	LEX	On Track
Governance of Filtration Plants Installed in the Catchment by PTC	Cont.	Maintenance Program via 3rd party vendor	Shared Water Challenge: Inadequate Maintenance of Filtration Plants	Protection of IWRA	Social, Cultural	External	High	IWRAs	1,500,000.00	Long Term	EHSM	EHSM/LEX	LEX	LEX	On Track
Provision of adequate Washroom facilities for all employees	Cont.	Daily Cleaning Checklists	Water Risk	WASH Access & Provision	Social, Cultural	Internal	High	WASH	6,600,000.00	Short Term	EHSM/FUM	EHSM	EHSM/FUM	ESSM	On Track

***No water-related compliance violations since 2019**

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Expansion of Treated Water Utilization: Reuse in FG Cooling Towers & Air Washers	January'24	Tracking of Water Consumption in DDS	Water Opportunity	43% Water Recycling	Social, Cultural, Economic	Internal	High	Sustainable Water Balance Good Water Governance	N/A (Extension of 2023 project)	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Done
Steam Condensate recycle from PMD Casing Kitchen	January'24	Tracking of Water Consumption in DDS	Water Opportunity	638 m3/yr	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	250,000	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Done
Sensor Taps Deployment	November'24	Tracking of Water Consumption in DDS	Water Opportunity	18 taps 650 m3/year	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance WASH	1,360,000	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Done
Water Sprinkler Installation across Factory	December'24	Tracking of Water Consumption in DDS	Water Opportunity	1400 m3/year	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	2,500,000	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Done
Installation of Filtration Plant in Catchment	September'24	Spot Check post Implementation	Shared Water Challenge: Pollution of Water Resources	5000 Liters/Day	Social, Cultural	External	High	Good Water Quality Status	525,000	Long Term	Jawwad Ahmed	Jawwad Ahmed	Governmental Bodies	Governmental Bodies	Done
Installation of Sensor Taps in Local Mosques	December'24	Engagement with Mosque Stakeholders	Shared Water Challenge: Depleting Water Table, Poor Water Management	30 Taps	Social, Cultural, Economic	External	High	Good Water Governance Sustainable Water Balance IWRAS	700,000	Long Term	EHSM	EHSM	LEX	Community Members	Done
Provision of Filters for Water Coolers in Local Mosques & Houses	December'24	Engagement with Mosque Stakeholders	Shared Water Challenge: Pollution of Water Resources	10 Filters	Social, Cultural, Economic	External	High	Good Water Quality Status	300,000	Long Term	EHSM	EHSM	LEX	Community Members	Done
Drain Repair and cleaning in Local Community	December'24	Engagement with Local Community	Shared Water Challenge: Pollution of Water Resources	WASH Improvement for Catchment	Social, Cultural, Economic	External	Medium	Good Water Governance WASH	100,000	Long Term	EHSM	EHSM	LEX	LEX	Done
Installation of deep well in factory	November'24	Tracking of Water Consumption in DDS	Water Quality	01 Tube well	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	17,500,000	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Done
Level 3 Water Monitoring	June'25	Tracking of Water Consumption in DDS	Water Opportunity	500 m3/year	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	12,000,000	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Planned
Replacement of open circuit evaporator cooling tower with closed circuit cooling towers	December'25	Tracking of Water Consumption in DDS	Water Opportunity	3,000 m3/year	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	TBD	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Planned
Upgradation of VELO water related infrastructure to remove leakages by brining underground infrastructure above ground	March'25	Tracking of Water Consumption in DDS	Water Opportunity	100 m3/year	Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	3,500,000	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Planned
Celebration of International World Water Day	March'25	Engagement with factory population	Shared water challenge	Awareness Campaign	Social, Cultural, Economic	Internal	Medium	Good Water Governance Sustainable Water Balance	500,000	Long Term	SSO	EHSM	ESSM/EHSM/FM	FM	Planned
ETP Sludge Dehydrator	January'25	Tracking of Water consumption in DDS	Water Opportunity	50 m3/year	Cultural, Economic	Internal	High	Good Water Governance Sustainable Water Balance	1,200,000	Long Term	FUM	FUM	ESSM/EHSM/FM	FM	Planned
Installation of Sensor Taps in Local Mosques	July'25	Engagement with Mosque Stakeholders	Shared Water Challenge: Depleting Water Table, Poor Water Management	30 Taps	Social, Cultural, Economic	External	High	Good Water Governance Sustainable Water Balance IWRAS	800,000	Long Term	EHSM	EHSM	LEX	Community Members	Planned
Provision of Filters for Water Coolers in Local Mosques	July'25	Engagement with Mosque Stakeholders	Shared Water Challenge: Pollution of Water Resources	5 Coolers	Social, Cultural, Economic	External	High	Good Water Quality Status	300,000	Long Term	EHSM	EHSM	LEX	Community Members	Planned

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Thank You