

TCP AWS Action Plan (แผนงานการจัดการน้ำอย่างยั่งยืน)

Sl.No	Issue/Opportunities (in no particular order of importance)	Type(s) of Issue/Opportunity (physical, reputational, regulatory)	Site Planned action	Action Status	Target completion date	Monitoring/Evaluation
1	Water Availability	Physical, reputational, regulatory	Monitor water stress periodically using available tools to anticipate and prepare for potential risks.	Completed	On-going with continuous monitoring	Monitoring every 6 months via website : https://www.wri.org/
			Collaborate with stakeholders in the site area to share best practices, develop joint water projects, and create long-term plans to improve water quality and supply.	Completed	On-going with continuous monitoring	Annually monitoring
			Establish and monitor water-related KPIs on water efficiency in order to achieve the organization's set goals.	Completed	On-going with continuous monitoring	Monthly monitoring
			Track regulatory developments with the concerned local authorities (e.g. Department of Water Resources) by engaging with them on regular basis.	Completed	On-going with continuous monitoring	Monthly monitoring
			Set freshwater reduction targets, create annual action roadmaps, and work toward water positivity.	Completed	On-going with continuous monitoring	Monitoring progress of Water stewardship action plan quarterly and annually
2	Water Quality	Physical, reputational, regulatory	Track the water quality of the Bang Prakong River periodically throughout the year.	Completed	On-going with continuous monitoring	Daily when pumping, and weekly when not pumping
			Advocate with government agencies to drive projects that reduce water contamination and improve water quality.	Completed	On-going with continuous monitoring	Annually monitoring
3	Water Governance	Regulatory, reputational	Engage with the government to understand existing governance plans and update regulatory compliance to include emerging water-related regulations.	Completed	On-going with continuous monitoring	Receive updates on new or draft laws via the Federation of Thai Industries and the Office of the National Water Resources
			Develop and implement a monitoring plan to ensure that both the quantity and quality of treated wastewater comply with the requirements specified by the local authority.	Completed	On-going with continuous monitoring	Monthly monitoring
4	On-site Wastewater & Stormwater Discharges	Physical, reputational, regulatory	The Site undertake wastewater & stormwater analysis for a comprehensive risk-based suite of analytes via an accredited laboratory.	Completed	On-going with continuous monitoring	Quaterly (wastewater) Weekly (stormwater)
5	Water Balance	Physical	A water audit will be carried out to identify losses and opportunities for water conservation and efficiency using the water balance technique.	Completed	On-going with continuous monitoring	Quaterly monitoring

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6	Stakeholder Engagement	Reputational	Develop a formal Stakeholder Engagement Plan with a dedicated team to monitor, implement programs, track stakeholder issues, and maintain an engagement schedule.	Completed	On-going with continuous monitoring	Annual monitoring
			Engage key suppliers to assess water risks and raise awareness on water management to support supply continuity.	Completed	On-going with continuous monitoring	Annual or project-based monitoring
			Collaborate with local government to drive CSR activities, host an annual stakeholder event involving district and provincial representatives, and support communities by enhancing local water storage capacity.	Completed	On-going with continuous monitoring	Monitoring as plan
			Conduct water stewardship training and maintain ongoing community and stakeholder communication.	Completed	On-going with continuous monitoring	Monitoring as plan
7	Legal requirements	Reputational, regulatory	Monitor the internal compliance system to ensure all reporting obligations to the responsible authorities are met on a regular basis.	Completed	On-going with continuous monitoring	Monthly monitoring
8	Internal Water Management Program Opportunities	Reputational	Implement a comprehensive water stewardship program by training all employees (including AWS principles), engaging stakeholders, assigning qualified personnel, and establishing stewardship policies, KPIs, monitoring and action plans for improvement opportunities.	Completed	On-going with continuous monitoring	Annual monitoring
			Engage with each plant to understand key basin stakeholders and implement a system for monitoring water stewardship policies.	Completed	On-going with continuous monitoring	Annual or project-based monitoring
9	Extreme Weather and incident response	Physical	Review and update the Emergency Response Plan to address extreme weather events.	In progress	30/06/2025	Annual monitoring
			Collaborate with all stakeholders for better flood management in the watershed.	In progress	31/12/2026	Annual monitoring
			Implement nature-based solutions (NBS) on site.	Completed	On-going with continuous monitoring	Annual or project-based monitoring
10	Incident response	Physical	The site regularly reviews the flood and drought response plans and communicates them clearly to the responsible personnel and employees.	In progress	30/06/2025	Annual monitoring
11	Water Costs	Physical	Maintain a cost inventory with records of all water-related costs and track them.	Completed	On-going with continuous monitoring	Monthly monitoring
12	Indirect Water Use	Physical	Develop and implement a comprehensive supplier engagement and monitoring strategy, including high-level water risk assessments, awareness sessions, periodic review of water stewardship actions, and joint risk mitigation plans, while ensuring supplier Business Continuity Plans are aligned and confirmed.	Completed	On-going with continuous monitoring	Annual or project-based monitoring