

Initiatives for Water Resource Conservation

Our policies and approach

The Toagosei Group uses industrial water, groundwater, drinking water, and seawater as water resources. Each manufacturing site works to use water resources efficiently, including through in-process circulation, and manages wastewater discharges to comply with local discharge regulations.

Initiatives to ensure wastewater quality

The Toagosei Group has established voluntary wastewater standards in Japan that are stricter than the legally required limits, and manages its operations to protect water quality.

To reduce the environmental impact of wastewater discharge, plants with high wastewater loads have installed treatment facilities using environmental technologies such as the activated sludge process, and manage their wastewater appropriately.

We have confirmed that no violations of wastewater quality regulations occurred in FY2025.



Wastewater treatment facility newly installed at the Nagoya Plant

Water stress assessment

Water supply concerns and flooding in the watersheds where our production sites are located are anticipated to significantly affect our business operations. We therefore assess water-related risks at each site and implement appropriate measures for business continuity, including establishing business continuity plans (BCPs). The Toagosei Group assessed water stress across all production sites and R&D centers, including overseas locations, using Aqueduct 4.0 of the Aqueduct Water Risk Atlas, the water risk assessment tool developed and published by the World Resources Institute (WRI). The assessment identified two currently non-manufacturing sites with a high water stress level: China (Shanghai) and India (Ahmedabad). At our other sites, including those in Japan, no locations fall in high water-stress areas, and we have no facilities, assets, production, or revenue exposed to water stress. We will continue to conduct periodic assessments to monitor water risk, and will work to use water resources efficiently and appropriately regardless of stress level.

Water stress assessment results

Numbers in the table represent the number of sites

Location	Country	High	Medium-high	Medium	Low-medium	Low	Total
Asia	Japan	0	0	9	8	0	17
	China	1	0	1	0	1	3
	Taiwan	0	0	0	1	0	1
	Thailand	0	1	0	0	0	1
	Singapore	0	0	0	0	1	1
	India	1	0	0	0	0	1
Americas	USA	0	0	1	0	0	1
Total		2	1	11	9	2	25

TOPICS

Holding a lecture on rivers

A lecture held at the Tokushima Plant covered the history of water use in the Yoshino River basin, which the plant draws on, as well as recent trends in river administration. The lecture particularly emphasized the importance of "River Basin Disaster Resilience and Sustainability by all"—a community-wide approach—as climate change drives an increase in water-related disasters such as heavy rainfall. The lecture also noted that companies need to implement flood-proofing measures and formulate a business continuity plan (BCP), and that concrete steps toward minimizing damage and achieving early recovery are required.



Scene from the seminar