

AWS Activity Report 2024



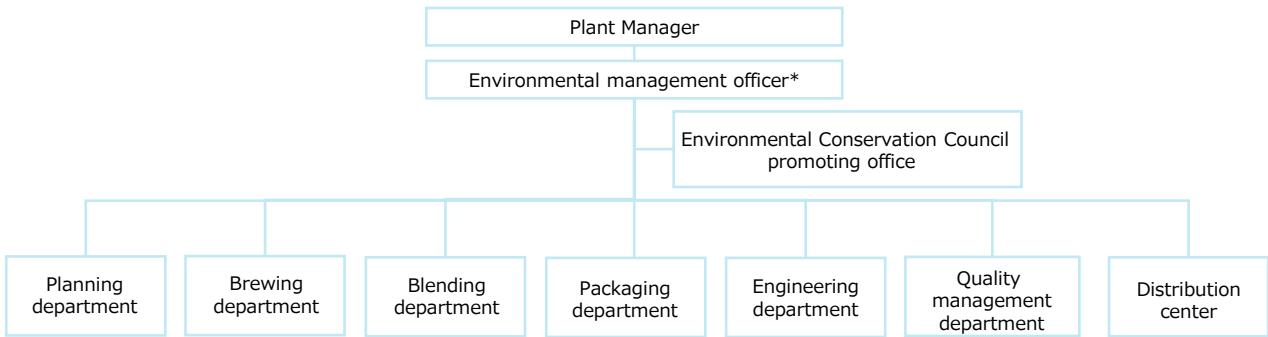
Suntory Spirits Limited, Kyushu Kumamoto Plant

Address:	478 Hachimansui, Kitaamagi, Kashima-machi, Kamimashiki-gun, Kumamoto 861-3104, Japan
Business activities:	Alcohol and beverage manufacturing
Certificate acquired:	Since 2019
Certification level:	Platinum



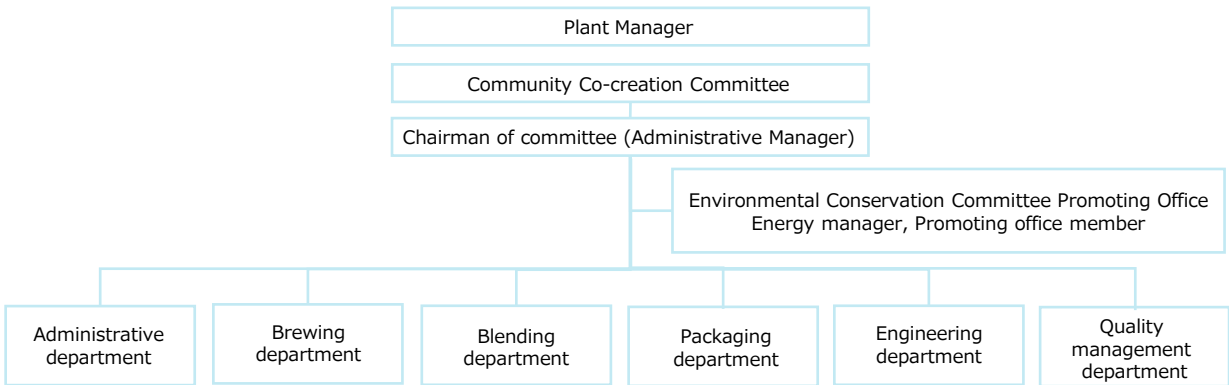
Internal Governance (AWS Standards: 5.1)

Organizational Chart of Environmental Conservation Council



*The environmental management officer is responsible for compliance with water-related regulations

Organizational Chart of the Community Co-creation Committee



Summary of the Water Stewardship Performance

Water challenges* AWS standard 1.6	Target AWS standard 2.3	Performance Target AWS standard 2.3	Activities/Performance of 2023 AWS standard 3.5/3.9/5.3	To engage stakeholders AWS standard 5.4
Depletion of groundwater and freshwater resources	Continuously reduce water consumption, the most important resource in our business activities, in pursuit of water sustainability.	1. Reduce water consumption rate by 35% less (base year in 2015. Group target) 2. Waterlogging Project in the Lower Kanayama River Basin in Mashiki Town" by the Kumamoto Groundwater Foundation, Mashiki Town Land Improvement District, Mashiki Town, and [witness] Kumamoto Prefecture(Suntory is also participating) 3. Monitoring of pumped water volume by Kumamoto Prefecture.	Improved by 19.1% compared to 2015 (factory target comparison) (2024 result: deteriorated by 4.5% vs 2023) -Improvement was achieved by reviewing the cleaning cycle of activated carbon and reducing the filter blow water used for microbial control in the water supply facilities. -The main reasons for the single-year deterioration were the increase in products with high water unit consumption and the increased number of well start/stop cycles due to equipment modifications. -In 2025, we plan to reduce this by reviewing well operations. 2. and 3. No issues found in regular water pumping monitoring results.	-Annual four-party meeting for waterlogging project agreements -Provide information on activities to paddy field landowners (briefing sessions, distribution of leaflets, etc.) during the preparation period for waterlogging implementation. -Providing information on pumped water volume to the government (Kumamoto Prefecture and Kashima Town)
Tensuigawa River water pollution due to effluent	Maintain appropriate effluent quality to be returned to the community in pursuit of water sustainability.	Continuously meet the effluent regulation (standard) values specified in the "Kumamoto Laws and regulations."	By appropriate operational management, we continuously meet the wastewater regulation values.	-Monitoring of water quality measurement results by Kumamoto Prefecture Consumer and Environmental Protection Division. -Measuring water quality regulations (PH, BOD, SS, coliforms) of effluent through laws and regulations and agreements.
Depletion of groundwater and freshwater resources	【Groundwater recharge by forest】 Natural Water Sanctuary Aso as critical areas related to water resources, maintain and improve groundwater recharge functions and conserve and enhance biodiversity.	1. Maintain a state where "Natural Water Forest Aso" nurtures more than twice the amount of groundwater used by the factory for the future. 2. Create a habitat where birds of prey, which are at the top of the ecosystem pyramid, can engage in breeding activities.	1. Forest maintenance activities 2024: -Thinning of Hinoki artificial forest (5.01ha) -Opening of work roads for transportation (1014m) 2. Improvement of biodiversity: Confirmation of breeding activities of birds of prey -Observation of courtship behavior of Mountain Hawk-Eagle -Confirmation of breeding of two pairs of Grey-faced Buzzard.	Report the annual activity status to the Forestry Agency, Mashiki Town, and Nishihara Village, which are the agreement partners of 'Natural Water Sanctuary Aso'
Depletion of groundwater and freshwater resources	【Groundwater recharge by winter paddy fields】 Maintaining and enhancing the groundwater recharge function of winter paddy fields, which are important areas related to water resources, as well as preserving and improving biodiversity.	1. Maintain a state where winter paddy fields nurture more groundwater than the amount used by the factory for the future. 2. Promote environmentally friendly farming methods to restore the wetland ecosystem and improve the overall biodiversity of the area.	1. Winter flooding in paddy fields 2024 Due to the river improvement work on the Kanayama River, which supplies water to the winter paddy fields, three paddy fields (0.57ha) could not be flooded. 2. Improvement of biodiversity Local elementary school students confirmed the presence of medaka (Japanese rice fish) and dojo (loach) during the "paddy field creature survey.	Share information with the Kumamoto Groundwater Foundation, Mashiki Town, Mashiki Town Land Improvement District, and the landowners of the paddy fields, who are the agreement partners of 'Winter Paddy Fields.'
Depletion of groundwater and freshwater resources	Increase the willingness of watershed communities to participate and recognize activities.	Secure participants for "Mizuiku – Education Program for Nature and Water" activities and increase awareness of these activities.	We have secured 452 participants for 12 sessions of the water education program "Outdoor School of Forest and Water" and 455 participants for the "Education Program at Schools" held at 6 schools, thereby expanding awareness.	—
Depletion of groundwater and freshwater resources	Environmental conservation activities by employees at a nearby spring.	In the abundant spring water area located near the plant, -Preventing pollution of water resources and the surrounding environment. -Fostering communication with residents of the area. -Maintain and improve employees' environmental awareness	Garbage collection and cleaning activities at Ukishima Spring Water Park 2024 Achievements: Conducted 5 times, with the participation of 35 people, achieving pollution prevention, communication with residents, and maintaining and improving employees' environmental awareness.	—

*After careful consideration, there are no shared water challenges currently faced. However, there are concerns about the depletion of groundwater and freshwater resources, as well as water pollution in rivers caused by wastewater

Depletion of groundwater and freshwater resources	Engagement with suppliers.	Raise awareness of sustainability activities among domestic raw material and packaging suppliers in Japan.	Conduct regular briefings for the entire company and explain the importance of sustainability activities.	—
WASH	Safe drinking water supply and stable operation of sanitation facilities.	1. Adequate access to safe drinking water for all workers onsite. 2. Adequate access to effective sanitation, and protective hygiene for all workers onsite.	1 and 2. They are maintained through proper management.	1. Daily water supply in compliance with the Water Supply Act. 2. Ordinance on Health Standards in the Office, Ministry of Labor Ordinance Article 17 / Ordinance on Industrial Safety and Health Article 628 Install and properly manage the required number of restrooms.

Water balance (Period : January 1 - December 31, 2024)

[Input]

Type	Unit	Amount of consumption
Water to use (Pumping・Purchasing)	Thousand m ³	1,183

[Output]

[Output]

Type			Unit	Amount of consumption
Effluent (public waters discharge)	Amount of water		Thousand m³	800
	pH	Regulation	—	5.8~8.6
		Voluntary standards	—	5.8~8.6
		Actual measurement	—	6.2~7.5
		Measured average	—	6.4
	BOD	Regulation	mg/ ℓ	30
		Voluntary standards	mg/ ℓ	30
		Actual measurement	mg/ ℓ	1.1~3.8
Measured average		mg/ ℓ	2.3	

- ・ Hold a four-party meeting on the water storage project agreement once a year
- ・ Provide activity information to paddy field landowners during the preparation period for water storage implementation (briefings, leaflet distribution, etc.)
- ・ Provide information on the amount of water pumped to the government (Kumamoto Prefecture, Kashima Town)