

AWS Activity Report 2024

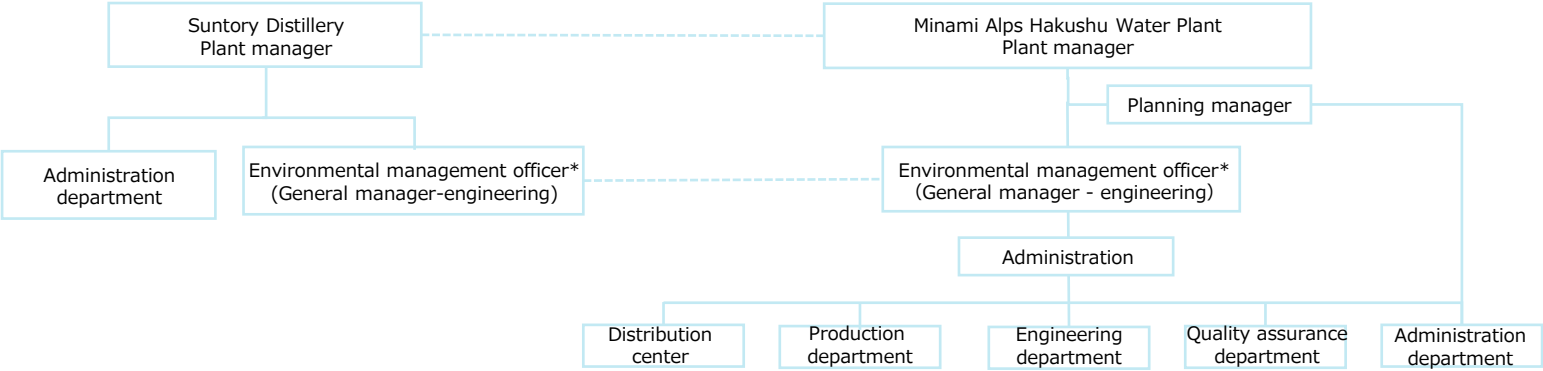


Minami Alps Hakushu Water Plant, Suntory Products Limited

Address:	2913-1 Torihara, Hakushu-cho, Hokuto-shi, Yamanashi 408-0316, Japan
Business activities:	Beverage manufacturing
Certificate acquired:	Since 2021
Certification level:	Platinum



Internal Governance (AWS Standards: 5.1)



*The environmental management officer is responsible for compliance with water-related regulations (water supply: Minami Alps Hakushu Water Plant, wastewater: Hakushu Distillery).

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 2024 AWS standard 3.5/3.9/5.3	To engage stakeholders AWS standard 5.4
Depletion of groundwater and freshwater resources	Natural Water Sanctuary Minami Alps as critical areas related to water resources, maintain and improve groundwater recharge functions and conserve and enhance biodiversity.	1. Restoration of forest vegetation to create a healthy soil environment with high permeability. The project aims to stabilize the soil in the granite collapse area by the greening (approximately 0.6ha). -Tree establishment rate of 20% after 30 years of planting (Planting in 2016) -The growth rate of planted trees shall be maintained at a positive rate. (base year in 2018) -Prevention of soil erosion: Implementing measures to prevent soil erosion in the granite collapse area 2. Maintain nesting and breeding habitat for raptors at the top of the ecosystem pyramid.	1. Vegetation surveys are conducted to monitor progress. -The tree establishment rate is 66.7%, indicating a positive transition -The growth rate of planted trees is maintained positively. -Maintenance work on log steps and nets installed in 2011 to prevent soil erosion has been carried out. 2. The bird survey confirmed the presence of several species. -Although the nesting sites have not been identified at this time, a total of seven Mountain Hawks were confirmed, and three individuals were identified.	Submit annual activity reports to Yamanashi Prefecture and Hokuto City, which have an agreement as "Natural Water Sanctuary Minami Alps".
Depletion of groundwater and freshwater resources	【Sustainable water balance】Continuously reduce water consumption, the most important resource in our business activities, in pursuit of water sustainability.	Reduce water consumption rate by 35% less (base year in 2015. Group target)	The performance in 2024 deteriorated by approximately 4% compared to the 2015 results. To address logistics issues, the production was switched to small-lot production due to the impact on supply and demand in the area, resulting in an increase in the number of switches and a deterioration in performance. Water reduction activities are ongoing. Additionally, third-party evaluations indicate that the water level in the observation wells has been maintained up to the present, and it is believed that there are no impacts such as resource depletion.	Submit the following information to Hokuto City, Yamanashi Prefecture.
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.	The "Outdoor School of Forest and Water" program has been held 23 times with 618 participants, and the "Education Program as Schools" have been conducted at 17 schools with 614 participants, successfully securing participants and raising awareness.	—
Depletion of groundwater and freshwater resources	【Sustainable water balance】Educate the next generation to secure future guardians of environment	Provide water education programs	Highly satisfied by participants of online classes (590 students at all 9 Hokuto city elementary schools), those of environmental seminars (384 students at 9 junior high schools at the city) and those of the "Mizu no Yama" youth idea contest (all 3 high schools at the city).	—
Jingu River →Kamanashi River →Fuji River water pollution due to effluent	【Good water quality status】Maintain appropriate effluent quality to be returned to the community in pursuit of water sustainability.	Continuously meet the wastewater regulations and standards set by Yamanashi Prefecture's wastewater regulations and standards.	Compliance with wastewater standards 100% (zero legal violations). Due to proper operational management, we have continuously adhered to wastewater regulation values, which means that the diversity of fish species has not been affected by the degradation of their habitat. Therefore, we believe that the biodiversity of the river is being maintained.	Water quality regulations for wastewater based on laws and agreements (pH, BOD, SS, coliform bacteria).
Strengthening water governance through collaboration with the community.	【Good water governance】Continuing efforts to connect Hakushu's groundwater to the future.	Continuing the activities of the "Hokuto City Hakushu Town Groundwater Resource Conservation and Utilization Measures Council": 1. Implementation of the council meetings 2. Continuation of groundwater monitoring.	1. Implementation of the council meetings (Implementation rate 100%) 2. Implementation of groundwater monitoring (Implementation rate 100%) The groundwater environment is stable, and the utilization of groundwater has been evaluated as appropriate by third-party evaluators.	

Ensuring safe water and sanitation environments	【Safe water, sanitation and hygiene for all (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. 3. Conducting hygiene education for site employees.	1. and 2. are maintained through proper management. 3. has been implemented for all employees, and their understanding has been obtained.	-Waterworks Law (Articles 4 and 20) -Office Regulations (Articles 13, 17, and 18) -Safety and Health Regulations (Article 628) -Septic Tank Law (Articles 10 and 11) -Comfortable Workplace Guidelines (Section 1-4)
Protection of catchments with ecological and cultural value	【Important water related areas】 Participation in river environment maintenance	Continuing environmental maintenance centered around the Jingu River basin in collaboration with the community	The plan participation rate is 100%, and there is no significant change in the local landscape	Jingu River Basin Environmental Conservation Project (Hokuto City Hakushu Town Groundwater Conservation and Utilization Measures Council)
Protection of catchments with ecological and cultural value	【Important water related areas】 Contribution to cultural value	Continuing participation in the collection of white pebbles for the offering of white pebbles	The plan participation rate is 100%, and 375 kg of white pebbles have been offered to Meiji Shrine	—
Depletion of groundwater and freshwater resources	Engagement with suppliers.	Raise awareness of sustainability activities among domestic raw material and packaging suppliers in Japan.	Regular briefings are held for all companies to explain the importance of sustainability activities	—

*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

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

[Input]

Type	Unit	Amount of consumption
Water to use (Pumping ・ Purchasing)	Thousand m ³	2,318

[Output]

Type			Unit	Amount of consumption
Effluent (public waters discharge)	Amount of water		Thousand m ³	1,208
	pH	Regulation	—	5.8~8.6
		Voluntary standards	—	6.0~8.0
		Actual measurement	—	6.4~7.9
		Measured average	—	7.1
	BOD	Regulation	mg/ ℓ	60
		Voluntary standards	mg/ ℓ	30
		Actual measurement	mg/ ℓ	12.5
		Measured average	mg/ ℓ	4.4