CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-001402

WSAS WATER STEWARDSHIP ASSURANCE SERVICES

SITE DETAILS

Site: **Shanghai Shen-Mei Beverage & Food Co. Ltd.**

Address: No.539, Gui Qiao Road, China (Shanghai) Pilot Free Trade Zone, 201206, Shanghai, Shanghai, P.R. CHINA

Contact Person: Xudong Dai

AWS Reference Number: AWS-000743

Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Platinum

Date of certification decision: 2025-Feb-27

Validity of certificate: 2028-Feb-26

AUDIT DETAILS

Audited Service(s): AWS Standard v2.0 (2019)

Audit Type(s): Initial Audit

Audit Start Date: 2024-Dec-09

Lead Auditor: Ian Jiang

Audit team participants:

Lingyun Yu

Site Participants:

Yunkai Xu, Consultant
Hui Zhu, Consultant
Jin Sun Han, Engineering Department
Jiang Hao, Engineering Department
Ding Xue, Engineering Department
Wang Yi Ping, EHS

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ADDITIONAL INFO

Summary of Audit Findings: A total of 2 findings were raised during the certification audit, nil non-conformity, 2 observations.
The audit team recommends certification of Shanghai Shen-Mei Beverage & Food Co. Ltd. at Platinum level.

Scope of Assessment: The scope of services covers the Initial certification audit for assessing conformity of Shanghai Shen-Mei Beverage & Food Co. Ltd. against the AWS International Water Stewardship Standard Version 2.

Shanghai Shen-Mei Beverage & Food Co. Ltd. was established in 1988 and officially became a member of Swire Group in 2017. The site is located in No.539, Gui Qiao Road, China □Shanghai□ Pilot Free Trade Zone, with a total covers an area up to 100,000 square meters and about 800 employees. The company has 10 production lines, including the Can filling line, PET bottle blowing and filling machine line. The main products include canned and PET bottled Coca-Cola, Sprite, Fanta, Schweppes, Monster and other carbonated drinks, as well as ChunYue series packaged drinking water.

The water sources used in Shen-Mei included municipal water and recycled water. The municipal water is supplied by Jujiaqiao Plant.
The industrial wastewater is treated by its internal wastewater station, then mixed with domestic sewage and discharged to Bailonggang Wastewater Treatment Plant for further treatment. Afterwards, it finally flows into the Yangtze River.

The audit was conducted onsite on December 9th-11th, 2024. The audit activities included the site visit covered production lines, wastewater treatment plant,
chemical warehouse and IWRA, stakeholder interviews and documents review.

SCORE

120.00

FINDINGS

NUMBER OF FINDINGS PER LEVEL

Observation	2

FINDING DETAILS

Finding No:	TNR-015473
Checklist Item No:	3.4.1
Status:	Open
Finding level:	Observation
Checklist item:	Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.
Findings:	Kitchen waste storage is currently open (with cofferdams), it is recommended to build a canopy.
Finding No:	TNR-015474
Checklist Item No:	4.1.3
Status:	Open
Finding level:	Observation
Checklist item:	The shared value benefits in the catchment shall be identified and where applicable, quantified.
Findings:	It is suggested to regularly summarize the follow-up activities and annual shared value in the catchment for completed water stewardship projects (Shitang Community and Chongming Wetland).

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Report Details

Report	Value
Report prepared by	Ian Jiang
Report approved by	Leong Siew Mui
Report approved on (Date)	27/2/2025

Surveillance

Proposed date for next audit
2025-Dec-10

Comment The first surveillance audit is proposed to be performed on 2025.12.10.

Stakeholder Announcements

Date of publication	Location
09/10/2024	https://www.tuv.com/content-media-files/greater-china/about-us/downloads/management-systems/aws-000743_single-site_stakeholderannouncement_v3.0-billingual.pdf
09/10/2024	https://a4ws.org/wp-content/uploads/2024/11/AWS-000743_Single-site_StakeholderAnnouncement_V3.0-billingual.pdf
09/10/2024	posted onsite

Catchment Information

Catchment Information

The Taihu Basin, situated in the Yangtze River Delta of Eastern China, is a critical hydrological and socio-economic region that spans across the provinces of Jiangsu and Zhejiang, as well as the municipality of Shanghai. Centered around the expansive Lake Taihu, the basin is a cornerstone of the region's environmental, agricultural, and urban landscape.

Geographical Significance:
The Taihu Basin is a low-lying area with a complex network of rivers, canals, and lakes that form an integral part of the Yangtze River system. The basin is known for its rich alluvial plains, which are highly fertile and support a wide range of agricultural activities, particularly rice cultivation and aquaculture. The region's topography is marked by a combination of hills, plains, and water bodies, creating a diverse ecosystem that supports a variety of flora and fauna.

Hydrology and Water Resources:
Lake Taihu, the focal point of the basin, is a massive freshwater lake with an area of approximately 2,400 square kilometers. It plays a crucial role in flood control, irrigation, and water supply. The lake is fed by numerous rivers, the most significant of which are the Zhejiang and the Suzhou Creeks. The water from Lake Taihu is used for drinking, agriculture, and industrial purposes, making it an essential resource for the region.

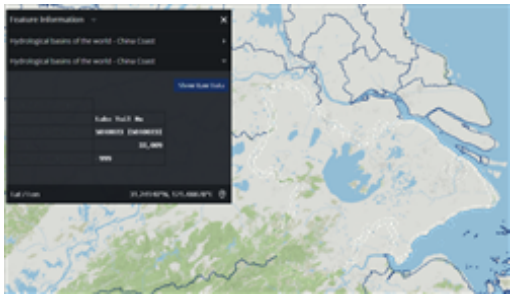
Economic and Urban Development:
The Taihu Basin is one of China's most economically vibrant areas, with a high concentration of industrial and commercial activities. Cities such as Suzhou, Wuxi, and Changzhou are part of this basin and contribute significantly to China's GDP. The region is known for its advanced manufacturing, high-tech industries, and service sectors. It is also a hub for foreign investment and a model for China's economic reform and opening-up policies.

Environmental Challenges:
Despite its economic prosperity, the Taihu Basin faces significant environmental challenges. Water pollution from industrial discharge, agricultural runoff, and urban sewage has become a major concern. The basin has also experienced issues with eutrophication, algal blooms, and a decline in water quality, which have impacted both the ecosystem and human health. Climate change has added to these challenges, with potential impacts on water availability and quality.

Conservation and Management Efforts:
To address these issues, various conservation and management initiatives have been implemented. These include the construction of wastewater treatment facilities, the promotion of cleaner industrial practices, and the implementation of stricter environmental regulations. Efforts are also being made to restore and protect wetlands, which are crucial for maintaining biodiversity and providing natural water filtration.

Cultural and Historical Importance:
The Taihu Basin is not only an economic powerhouse but also a region steeped in history and culture. It is home to ancient water towns like Suzhou and Wuxi, which are renowned for their classical gardens, traditional architecture, and silk industry. These towns are significant tourist destinations and contribute to the region's cultural heritage.

In summary, the Taihu Basin is a region of immense importance to China, offering a unique blend of natural beauty, economic vitality, and cultural richness. It is a testament to the interplay between human development and environmental stewardship in one of the world's most populous and rapidly developing countries.



catchment boundary.png

overall catchment.jpg

Client Description and Site Details

Client/Site Background

Shanghai Shen-Mei Beverage & Food Co. Ltd. was established in 1988 and officially became a member of Swire Group in 2017. The site is located in No.539, Gui Qiao Road, China □Shanghai□ Pilot Free Trade Zone), with a total covers an area up to 100,000 square meters and about 800 employees. The company has 10 production lines, including the Can filling line, PET bottle blowing and filling machine line. The main products include canned, and PET bottled Coca-Cola, Sprite, Fanta, Schweppes, Monster and other carbonated drinks, as well as ChunYue series packaged drinking water.

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The audit was conducted onsite on December 9th-11th, 2024. The audit activities included the site visit covered production lines, wastewater treatment plant,
chemical warehouse and IWRA, stakeholder interviews and documents review.

	Summary of Shared Water Challenges

Summary of Shared Water Challenges
The site conducted questionnaire surveys and on-site visits with stakeholders to solicit their opinions on the shared water challenge and summarized the attention of various stakeholders to water-related topics in the catchment.
The Catchment Background Report identifies the shared challenges within the catchment, including:

1. Climate change resilience and emergency response capabilities are not yet fully established, high priority.
2. The contradiction between water resource endowment and supply is prominent, high priority.
3. Shortcomings in infrastructure construction and management lead to the deterioration of environmental water quality, medium priority.
4. The quality of water ecology still needs to be improved, low priority.

Meanwhile, based on the analysis of relevance/rationale for stakeholders and relevance/rationale for the site, the site has prioritized the shared challenges from low to high. The level of risk is determined by attention, impact, and outcome.

0.1	General Requirements for Single Sites, Multi-Sites and Groups	
0.1.1	*Eligibility Criteria*	
0.1.2		
0.1.2.1	*Have any water source locations and water-related discharge locations been visited during the audit, if so, which and where? If none were visited please provide justification.*	Yes
Comment	The discharge point of rainwater was visited. The location of water source and wastewater discharge are far away from the site, so they are not visited	
0.1.1.1	*The site(s) occupy one catchment OR an exception has been granted.*	Yes
Comment	The site occupies one catchment.	
0.1.1.2	*The scope of the proposed certification shall be under the control of a single management system.*	Yes
Comment	The scope of the proposed certification is under the control of a single management system.	
0.1.1.3	*The scope of the proposed certification shall be homogeneous with respect to primary production system, water management, product or service range, and the main market structures.*	Yes
Comment	The scope of the proposed certification is homogeneous with respect to primary production system, water management, product or service range, and the main market structures.	

1	STEP 1: GATHER AND UNDERSTAND	
1.1	*Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the water sources from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.*	
1.1.1	*The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:* *- Site boundaries;* *- Water-related infrastructure, including piping network, owned or managed by the site or its parent organization;* *- Any water sources providing water to the site that are owned or managed by the site or its parent organization;* *- Water service provider (if applicable) and its ultimate water source;* *- Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies;* *- Catchment(s) that the site affect(s) and is reliant upon for water.*	✓ Yes
Comment	The site draws a site boundary map, which identifies the site boundary information and the layout within the site. The site also collects information on the destination of its wastewater discharge, the location of the final receiving water body, the location of water service providers, and their water sources. The site has developed a site and catchment background report. In this report, it contains the following content: • Map of site boundaries with the source of water supply and discharge points of wastewater and rainwater. • Map of water-related infrastructures at the site such as pipeline, and wastewater treatment plant. • Map of the water plant (Jiajuqiao Water Plant) and its ultimate water source (Qingcaosha Reservoir, Yangtze River), municipal WWTP (Bailonggang Wastewater Treatment Plant) and its ultimate receiving water body (Yangtze River). • Map of the catchment that the site affects and is reliant upon for water.	
1.2	*Understand relevant stakeholders, their water related challenges, and the site's ability to influence beyond its boundaries.*	
1.2.1	*Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:* *- Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;* *- Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;* *- Provide evidence of stakeholder consultation on water-related interests and challenges;* *- Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;* *- Identify the degree of stakeholder engagement based on their level of interest and influence.*	✓ Yes
Comment	The site has established a stakeholder engagement procedure and has identified stakeholders such as the government, employees, NGOs, suppliers, infrastructures, and surrounding companies. The site has developed an analysis table of stakeholders and has established diversified communication channels with different stakeholders, such as phone calls, e-mails, meetings, questionnaires, visits, etc.	

1.2.2	*Current and potential degree of influence between site and stakeholder shall be identified, within the catchment and considering the site's ultimate water source and ultimate receiving water body for wastewater.*	Yes
Comment	The site has developed an analysis table of stakeholders, and the degree of influence between the site and stakeholders has been identified for each stakeholder.	
1.3	*Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.*	
1.3.1	*Existing water-related incident response plans shall be identified.*	Yes
Comment	The site has developed a series of water-related incident response plans that include multiple scenarios. Such as: 1. Comprehensive emergency plan for sudden environmental incidents, which identifies the response process for emergency situations related to environmental pollution, including topics such as wastewater, chemicals, hazardous waste, air emissions, etc., The plan was registered with the Shanghai Ecological Environment Bureau, 02-310115-2022-085-M; 2. Comprehensive emergency plan for production safety, including response procedures for natural disasters (such as floods, rainstorms, typhoons, and earthquakes); 3. Special Emergency Response Plan for Flood and Typhoon Prevention; 4. Emergency plan related to water supply; 5. Emergency Plan for Wastewater Treatment Station, SOP-IMCR-012; 6. Emergency Response Plan for Drinking Water and Food Safety Poisoning Incidents. The site prepares an emergency drill plan every year, which includes all the drill needs planned for the year (including water-related emergency drills), and the drill topics, participants, drill time, etc. are defined.	
1.3.2	*Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped*	Yes
Comment	• The site has installed a master water meter, and sub-meters have been installed for major departments/buildings and production lines (such as the canteen, toilets, office areas, wastewater recycling facilities, and various production lines). According to the factory's water balance report, the configuration rate of the first, second, and third-level water meters is 100%. • The site tracks the readings of each water meter every day and analyzes water consumption and trends monthly. and carries out a water balance analysis every year. • The site has recorded the income and input and output data via meter or estimation and developed a water balance map based on the data. The water balance map reflected the water inflows, losses, reuses, and outflows. • In February 2023, the site commissioned a third-party organization to conduct water balance testing, complied with the "General Principles of Water Balance Test in Enterprises (GB/T12452-2008)", a China national standard, which identifies water inflow, losses, storage and drainage, including production water, domestic water, reuse water, reuse water, etc.	
1.3.3	*Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.*	Yes

Comment	• The site has installed a master water meter, and sub-meters have been installed for major departments/buildings and production lines (such as the canteen, toilets, office areas, wastewater recycling facilities, and various production lines). According to the factory's water balance report, the configuration rate of the first, second, and third-level water meters is 100%. • The site tracks the readings of each water meter every day and analyzes water consumption and trends monthly. and carries out a water balance analysis every year. • The site has recorded the income and input and output data via meter or estimation and developed a water balance map based on the data. The water balance map reflected the water inflows, losses, reuses, and outflows. • In February 2023, the site commissioned a third-party organization to conduct water balance testing, complied with the “General Principles of Water Balance Test in Enterprises (GB/T12452-2008)”, a China national standard, which identifies water inflow, losses, storage and drainage, including production water, domestic water, reuse water, reuse water, etc.

1.3.4 *Water quality of the site’s water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.*

Yes

Comment	The site has developed a water quality monitoring inventory, which includes monitoring requirements for sewage, incoming water, drinking water, recycled water, and pure water for production, including monitoring points, monitoring methods, pollutant names, monitoring frequency, and control standards. For example: - Industrial wastewater: • According to the requirements of the wastewater discharge permit, the site regularly entrusts a third-party laboratory to test the discharged wastewater • The site has installed online monitoring facilities at the wastewater discharge outlet to monitor pH, COD, ammonia nitrogen, TN, and TP in real-time • Internal laboratory conducts daily testing of industrial wastewater discharge outlet and wastewater treatment processes - Rainwater: • The site entrusts a third-party laboratory to test the water quality of rainwater outlets quarterly. - Drinking water • The site annually entrusts a third-party laboratory to test the water quality of the secondary water supply within the site and conducts internal monitoring of certain water quality parameters on a daily/weekly basis (such as residual chlorine, pH, turbidity, conductivity, hardness, TDS, aluminum ions). • The site provides employees with free drinking water, equipped with 71 pure water dispensers. Pure water is produced on-site and water quality testing is conducted according to production batches, referring to the standard "National Food Safety Standard" GB 19298. - Environmental water quality • The site commissions a third-party laboratory to conduct water quality monitoring of the Xigougang River (a surrounding river, an important waterway, and one of the IWRAs identified by the site) annually, monitoring the main pollutant parameters such as pH, COD, BOD, ammonia nitrogen, TP, and DO in accordance with GB 3838 (Groundwater Environmental Quality Standards).

1.3.5 *Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.*

Yes

Comment	The site has identified potential sources of pollution such as chemical storage and usage, wastewater tanks, and storage of hazardous waste, and relevant measures to prevent and control contamination have been taken including strengthening management, establishment of secondary containment, and emergency response. In addition, the site has mapped the identified potential sources of pollution.

1.3.6 *On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.*

Yes

Comment	According to the definition of IWRA, there is no IWRA on site.	
1.3.7	*Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.*	Yes
Comment	The water-related costs sheet was provided for review, including: 1. Water supply costs 2. Cost of wastewater discharge rights 3. Cost of Water/Wastewater Treatment (including electricity of pumps, consumables, depreciation and maintenance of facilities, etc.) 4. Water/wastewater/rainwater quality testing, peripheral water testing. Operation and maintenance of wastewater online testing facilities 5. Environmental training, frugal project investment, stakeholders' collaboration 6. AWS related expenses The water-related revenues included: Income from frugal projects and the social, revenue from selling treated wastewater (recycled water) to external institutions, and other cultural, environmental, and economic water-related value generated by the site.	
1.3.8	*Levels of access and adequacy of WASH at the site shall be identified.*	Yes
Comment	• The site has compiled a list of sanitary facilities, with a relatively sufficient number of sanitary facilities such as sinks, urinals, and toilet stalls. • The WASH facilities in the site area, such as the restaurant, workshops, etc. comply with the requirements of the Hygiene Standards for Industrial Enterprises (GBZ 1-2002). • The site provides employees with free drinking water, equipped with 71 pure water dispensers. Pure water is produced on-site and water quality testing is conducted according to production batches, referring to the standard "National Food Safety Standard" GB 19298. • The site performed the assessment of the WASH level as per WBCSD. The result is satisfied. • The site has established the "Domestic Water Supply Management System" and the "Office Area Management Regulations," which stipulate requirements for the testing of drinking water, maintenance of water dispensers, and cleaning of toilets. The relevant maintenance records are available on-site. • Additionally, the site has posted QR codes at each water drinking point to disclose the latest drinking water quality test reports to employees. • The site has also posted QR codes in the canteen for employees to provide real-time feedback and suggestions.	
1.4	*Gather data on the site's indirect water use, including: its primary inputs; the water use embedded in the production of those primary inputs the status of the waters at the origin of the inputs (where they can be identified); and water used in out-sourced water-related services.*	
1.4.1	*The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.*	Yes
Comment	The site screened and identified the suppliers/service providers, categorizing them into 9 types based on raw materials and auxiliary materials, such as sugar suppliers, carbon dioxide suppliers, packaging material suppliers, chemical suppliers, etc. They selected suppliers with a procurement amount greater than 20% in each category for investigation, resulting in 11 suppliers being included in the survey, and all 11 suppliers responded to the site's survey. Through the investigation, the site collected water consumption information from suppliers. Moreover, the site also evaluates the risk of indirect water based on the supplier's water usage, water source, wastewater quality, environmental violation records, WWF water risk screening results, etc.	

1.4.2	*The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.*	Yes
Comment	The site also collects the water consumption of its outsourced services such as hazardous waste and non-hazardous waste disposal units, and waste transport service providers through interviews/ questionnaires.	
1.4.3	*Advanced Indicator* *The embedded water use of primary inputs in catchment(s) of origin shall be quantified.*	Yes
Comment	The site screened and identified the suppliers/service providers, categorizing them into 9 types based on raw materials and auxiliary materials, such as sugar suppliers, carbon dioxide suppliers, packaging material suppliers, chemical suppliers, etc. They selected suppliers with a procurement amount greater than 20% in each category for investigation. And through the investigation questionnaires. The site analyzed the water-related risk level of suppliers by the intensity of water consumption, dependent water sources, water management, environmental violation records, and WWF water risk screening results. Via the data of suppliers' total water consumption, production volume, and production volume proportion, the site could calculate the embedded water use of the main suppliers. The total annual water consumption of the main 11 suppliers is approximately 3.3 million tons. The embedded water use of materials is about 300000 tons by calculation (based on data provided by the main 11suppliers)	
Score	7	
1.5	*Gather water-related data for the catchment, including water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH*	
1.5.1	*Water governance initiatives shall be identified, including catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help inform site of possible opportunities for water stewardship collective action.*	Yes
Comment	Water governance initiatives were identified in the Catchment Background Survey Report by the site. The initiatives included national, provincial, and local levels, including the catchment development plan, industrial development plan, environmental and ecological conservation plan, etc.	
1.5.2	*Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.*	Yes
Comment	Applicable water-related legal and regulatory requirements were collected and listed. The site checks and updates the list annually.	
1.5.3	*The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.*	Yes

Comment

The Catchment Background Survey Report provides a detailed analysis of the water balance for Shanghai City, and the Taihu Lake catchment. The water balance in the catchment is analyzed based on the rainfall (mm), precipitation (m3), surface water resources (m3), groundwater resources(m3), water diversion (m3), displacement(m3), storage(m3), consumption(m3), total water supply (m3) and total water consumption(m3). All the data is collected from government websites and published reports.
The site has collected water balance data for Taihu Lake catchment from 2011 to 2022, and the annual differences and trends are available.
In 2022, the annual surface water runoff of the Taihu Basin was 141.6 billion cubic meters (m^3). The water diversion volume along the Yangtze River and Qiantang River was 171.1 billion m^3. The net discharge volume from Taihu Lake was 100.3 billion m^3. The drainage volume through the river mouths along the coast was 94.7 billion m^3. The water storage change in reservoirs was -1.2 billion m^3, and the water storage change in Taihu Lake was 2.1 billion m^3. The total water consumption was 89.2 billion m^3. Therefore, the water resources balance change for the Taihu Basin in 2022 was 27.7 billion m^3.
Overall, the Taihu Basin has a high degree of water resource development, and the local water resources are insufficient to meet the demand, heavily relying on water diversion from the Yangtze River and Qiantang River to compensate. As a result, the basin is also susceptible to the impact of insufficient water supply from external rivers during dry years and exceptionally dry years.
In 2022, the annual rainfall in Shanghai was 68.02 billion cubic meters (m^3). The annual surface water runoff was 27.55 billion m^3, and the annual evaporation volume was 59.66 billion m^3. Due to the lack of actual measured data, the annual inflow and outflow of groundwater are generally not included in the accounting. Therefore, it can be concluded that the change in Shanghai's water resources storage in 2022 was -19.19 billion m^3. This indicates that Shanghai's own water resource replenishment capability is insufficient, and the water usage within the region heavily relies on water from outside the regional boundaries (such as the Yangtze River and Taihu Lake) for supplementation. Consequently, this also increases the vulnerability of the region's water resource supply.

1.5.4 *Water quality, including physical, chemical, and biological status, of the catchment shall be identified, and where possible, quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be identified.*

Yes

Comment

The Catchment Background Survey Report provides a detailed analysis of water quality for the catchment. The site obtained the related information from the government website. (Mainly from the Environmental and Ecological Bureau).
The data includes the water quality of the water source, the final discharged water body, and the water from the municipal water plant.
The data will be published monthly or annually, therefore, the annual variances could be identified.
By examining the main water quality monitoring section data within the Taihu Basin, it can be observed that the overall water quality in the basin ranges from Class III to Class IV levels, with some specific sites (Taohu Changzhou drinking water source, fishery water area; Dianshan Lake Su-Hu buffer zone) at Class V levels.
According to the "2022 Pudong New Area, Shanghai Ecological Environment Condition Bulletin," the surface water environmental conditions in Pudong New Area have shown improvements, with a noticeable increase in sections above Class III and the near elimination of those below Class V. Among the 41 national and municipal control sections, 40 sections met the water quality assessment targets; 1 section achieved Class II water quality, 39 sections achieved Class III water quality, and 1 section achieved Class IV water quality.
Despite the significant achievements in the environmental management of Shanghai's rivers and lakes, due to the early construction timing of the central urban areas and the multitude of various industrial and domestic pollution sources, issues such as leakage and misconnection in stormwater and sewage pipelines have not been completely resolved. Therefore, there is a risk of water quality fluctuations in a certain proportion of small and medium-sized rivers and streams.

1.5.5	*Important Water-Related Areas shall be identified, and where appropriate, mapped,and their status assessed including any threats to people or the natural environment, using scientific information and through stakeholder engagement.*	Yes
Comment	The Catchment Background Survey Report lists the Important Water-Related Areas of the catchment. The Important Water-Related Areas are collected from government-published documents, including 'Ecological protection red line of Shanghai City, and 'List of Nature Reserves in Shanghai'. The identified IWRAs mainly involve drinking water sources, forest parks, lowland parks, world cultural and natural heritage sites, wetlands, and important waterway transportation channels. The status of the IWRAs are collected from the management authorities.	
1.5.6	*Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.*	Yes
Comment	The Catchment Background Survey Report lists the existing and planned water-related infrastructure including water supply, flood control, and drainage, wastewater treatment, emergency response at provincial, catchment, and city levels, and water-related objectives. Based on the available information, the water-related infrastructure in the catchment is relatively good.	
1.5.7	*The adequacy of available WASH services within the catchment shall be identified.*	Yes
Comment	The site conducted an analysis of the WASH sufficiency within the basin by consulting the "Shanghai Statistical Yearbook" and the "Pudong New Area Statistical Yearbook," examining various aspects such as the coverage rate of municipal water networks, per capita water usage, drinking water quality, the prevalence of sanitary facilities, and the configuration of medical institutions.	
1.5.8	*Advanced Indicator* *Efforts by the site to support and undertake catchment level water-related data collection shall be identified.*	Yes
Comment	The site commissions a third-party laboratory to conduct water quality monitoring of the Xigougang River (a surrounding river, an important waterway, and one of the IWRAs identified by the site) annually, monitoring the main pollutant parameters such as pH, COD, BOD, ammonia nitrogen, TP, and DO in accordance with GB 3838 (Groundwater Environmental Quality Standards). The test reports were shared with representative stakeholders, such as the district environmental protection bureau, the water affairs bureau, and the park management committee.	
Score	6	
1.5.9	*Advanced Indicator* *The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified.*	Yes
Comment	The site has identified adequacy of WASH provision within the catchments of origin of primary inputs including the coverage of safe drinking water supply, the coverage of wastewater treatment, the rate of security disposal of municipal solid waste, and public facilities and environmental sanitation in urban districts.	
Score	4	
1.6	*Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.*	
1.6.1	*Shared water challenges shall be identified and prioritized from the information gathered.*	Yes

Comment	The site conducted questionnaire surveys and on-site visits with stakeholders to solicit their opinions on the shared water challenge and summarized the attention of various stakeholders to water-related topics in the catchment. The Catchment Background Report identifies the shared challenges within the catchment, including: 1. Climate change resilience and emergency response capabilities are not yet fully established, high priority. 2. The contradiction between water resource endowment and supply is prominent, high priority. 3. Shortcomings in infrastructure construction and management lead to the deterioration of environmental water quality, medium priority. 4. The quality of water ecology still needs to be improved, low priority. Meanwhile, based on the analysis of relevance/rationale for stakeholders and relevance/rationale for the site, the site has prioritized the shared challenges from low to high. The level of risk is determined by attention, impact, and outcome.	
1.6.2	*Initiatives to address shared water challenges shall be identified.*	✓ Yes
Comment	In response to the aforementioned shared water challenges, the site has identified measures to address them, including the public initiatives and site's action plan.	
1.6.3	*Advanced Indicator* *Future water issues shall be identified, including anticipated impacts and trends*	✓ Yes
Comment	The site has made predictions about future water issues from the perspectives of urban development and climate change trends, which mainly include: 1. High temperatures and drought climate events are showing an upward trend, with average temperatures also on the rise. 2. Sea levels are rising, leading to increased coastal erosion and saltwater intrusion, threatening marine and coastal ecosystem health and impacting the water quality of the Yangtze River source. 3. Extreme weather events such as heavy rain and flooding are becoming more frequent. 4. With the continuous development of Shanghai and the surrounding Yangtze River Delta urban agglomeration, the demand for domestic and industrial water use and municipal infrastructure will continue to grow in the future.	
Score	3	
1.6.4	*Advanced Indicator* *Potential water-related social impacts from the site shall be identified, resulting in a social impact assessment with a particular focus on water.*	✓ Yes

Comment

Since 2015, the site has commissioned a third-party organization every five years to conduct an assessment of "Water Source Vulnerability and Water Resource Management Plan." This includes an evaluation of the potential social impacts related to the site's water-related activities. The latest assessment report was completed in May 2021.

The report primarily evaluates the internal and external conditions of water resources associated with the site's operational processes and their potential social impacts from the following areas:
1. Regional and Water Resource Overview, mainly analyzed and discussed from the following perspectives:
a. Population changes
b. Regional development planning
c. Climate and meteorology
d. Hydrogeology
e. Distribution of water resources
f. Utilization of water resources
g. Regional water resource models
2. Regional Groundwater Resources
3. Municipal Water Supply Network, mainly analyzed and discussed from the following perspectives:
a. Methods of municipal water supply
b. Sources of municipal water supply
c. Quality of municipal water supply
d. Regional planning and water supply analysis
4. Stakeholders
5. Regulatory Requirements Related to Water Resources
6. Water Resource Vulnerability Assessment
7. Water Resource Management Plan
The report analyzes the potential risks to water resources within the basin from the above chapters, including an assessment of the social impacts centered around water resources in the site's operational processes.

Score 4

1.7 *Understand the site's water risks and opportunities: Assess and prioritize the water risks and opportunities affecting the site based upon the status of the site, existing risk management plans and/or the issues and future risk trends identified in 1.6.*

1.7.1 *Water risks faced by the site shall be identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.* Yes

Comment

The site identified its water risks and summarized them in a spreadsheet. They categorized the water risk into physical risk, regulatory risk, and reputation risk.
The spreadsheet that lists the water risks faced by the site. The site scored the frequency of the risk and severity of the impact and then multiplied two scores to evaluate the level of the risk.
The potential costs, business impact, and control measures are also included in the spreadsheet.

1.7.2 *Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.* Yes

Comment

The site has identified three major business opportunities considering how the site may participate. The potential value includes cost saving, image enhancement, sustainability of enterprise operation, and customer trust, and ranked their importance.

1.8 *Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.*

1.8.1	*Relevant catchment best practice for water governance shall be identified.*	Yes
Comment	The site has identified relevant catchment best practices for water governance including: • Implement advanced sustainable water management systems such as ISO 14001, AWS (Alliance for Water Stewardship), water conservation demonstration enterprises, and green factory systems; • Collaborate with peer organizations and stakeholders to promote sustainable water management; • A comprehensive water stewardship plan that is routinely reviewed and updated; • Engaging with peer organizations and stakeholders to promote water stewardship; • Communicating on its water stewardship to set a leading example to others; • Publicly disclose water and water quality data, and demonstrate organizational support for good water governance and sustainable management to appropriate regulatory authorities, including establishing or participating in public-private partnership projects.	
1.8.2	*Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.*	Yes
Comment	The site has identified relevant sector and/or catchment best practices for water balance including: • Carry out water balance test according to national recommended standard GB/T 12452. • The wastewater reuse rate is greater than 60%, reaching an advanced level in the industry. • The leakage rate of the water supply network is monitored, and leakage control targets are set, such as a target of less than 2% for 2023 and less than 1% for 2024. • Refer to the first-level (most stringent) standard for water consumption in the cleaner production standard. • The water consumption per unit product has reached the advanced level of the industry water quota within the basin as published by the official authorities.	
1.8.3	*Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.*	Yes
Comment	The site has identified relevant sector and/or catchment best practices for water quality, such as: • Establishing stricter internal wastewater discharge standards than the requirements of the pollution discharge permit: for example, the wastewater discharge permit requires compliance with the Class III emission limits of the "Comprehensive Sewage Discharge Standard" (DB31-199-2018). The relationship between the company's internal water quality control standards and the discharge permit limits is as follows: COD: Internal control target, 400mg/L; Permitted limit, 500mg/L NH3-N: Internal control target, 36mg/L; Permitted limit, 45mg/L T-P: Internal control target, 6.4mg/L; Permitted limit, 8mg/L TSS: Internal control target, 320mg/L; Permitted limit, 400mg/L • Set targets to control the annual emissions of COD (Chemical Oxygen Demand) and ammonia nitrogen.	
1.8.4	*Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.*	Yes
Comment	The site has identified best practices related to Important Water-Related Areas (IWRA). Such as: • Monitor the water quality of nearby IWRAs (Identified Water-Related Areas). • Organize employees and stakeholders to conduct beach cleanup activities at IWRAs. • Initiate projects to improve the water environment and aquatic ecology in rural areas. • Conduct promotional activities or training sessions on the protection of IWRAs.	
1.8.5	*Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.*	Yes

Comment	The site has identified relevant sector and/or catchment best practices for site provision of equitable and adequate WASH services including: • WBCSD self-assessment tool • Support stakeholders within the basin in obtaining adequate WASH. Such as by carrying out the "One Bottle of Water Relay" project, where for every empty bottle collected, the site donates a bottle of drinking water to outdoor workers.

2	STEP 2: COMMIT & PLAN - Commit to be a responsible water steward and develop a Water Stewardship Plan	
2.1	*Commit to water stewardship by having the senior-most manager in charge of water at the site, or if necessary, a suitable individual within the organization head office, sign and publicly disclose a commitment to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and the allocation of required resources.*	
2.1.1	*A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:* *- That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes* *- That the site implementation will be aligned to and in support of existing catchment sustainability plans* *- That the site's stakeholders will be engaged in an open and transparent way* *- That the site will allocate resources to implement the Standard.*	Yes
Comment	A water stewardship commitment to follow all the AWS core criteria has been signed by the top manager of Shen-Mei. The commitment includes all the necessary element and has been displayed on its official WeChat account. https://mp.weixin.qq.com/s?__biz=MzA3Nzc1NjMzNA==&mid=2651445891&idx=1&sn=6916402fcb33ab3f96d670450e9eb71e&chksm=85dbb0bff311b69fca54979d83115978ec757f1f3926536c36ee3d2e35ffa8174eefb9fc747f&mpshare=1&scene=1&srcid=12092Il4BpxVhpH0PMK5Rtfi&sharer_shareinfo=dcd5ec446d5bbb585d6e8f8d6909a50a&sharer_shareinfo_first=dcd5ec446d5bbb585d6e8f8d6909a50a#rd	
2.1.2	*Advanced Indicator* *A statement that explicitly covers all requirements set out in Indicator 2.1.1 and is signed by the organization's senior-most executive or governance body and publicly disclosed shall be identified.*	Yes
Comment	A water stewardship commitment to follow all the AWS core criteria has been signed by the top manager of Shen-Mei. The commitment includes all the necessary element and has been displayed on its official WeChat account. https://mp.weixin.qq.com/s?__biz=MzA3Nzc1NjMzNA==&mid=2651445891&idx=1&sn=6916402fcb33ab3f96d670450e9eb71e&chksm=85dbb0bff311b69fca54979d83115978ec757f1f3926536c36ee3d2e35ffa8174eefb9fc747f&mpshare=1&scene=1&srcid=12092Il4BpxVhpH0PMK5Rtfi&sharer_shareinfo=dcd5ec446d5bbb585d6e8f8d6909a50a&sharer_shareinfo_first=dcd5ec446d5bbb585d6e8f8d6909a50a#rd	
Score	1	
2.2	*Develop and document a process to achieve and maintain legal and regulatory compliance.*	
2.2.1	*The system to maintain compliance obligations for water and wastewater management shall be identified, including:* *- Identification of responsible persons/positions within facility organizational structure* *- Process for submissions to regulatory agencies.*	Yes

Comment	Shen-Mei has established the water stewardship organizational chart and assigned the members of the compliance responsible team, defined their duty and responsibility. The responsible person is EHS and facility department manager. The site outsourced a third party to collect the related law and regulations. The site also established the Safety, health and environmental protection laws and regulations compliance evaluation management procedure (WI-EHS-0002) to perform the regularly compliance assessment.
2.3	*Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.*
2.3.1	*A water stewardship strategy shall be identified that defines the overarching mission, vision, and goals of the organization towards good water stewardship in line with this AWS Standard.* ✓ Yes
Comment	The site has developed a water stewardship strategy and announced it on its official website. The strategy expounds Coca-cola's long-term vision and mission for water stewardship, and mid-term of targets. Vision: Having a water-secure world enables people, culture, business and nature to thrive in the long term Mission: Inspire and develop global and regional leadership in sustainable water management that recognizes and ensures the social, cultural, environmental and economic value of freshwater resources. Mid-term targets: 1. Improve water efficiency, reduce water footprint, and continuously reduce water consumption rate Reduce overall water consumption to 1.45 by 2030; 2. Work with stakeholders to actively implement water feedbacks with a water feedback rate of 100% by 2030; 3. Conduct water vulnerability assessments and implement water management plans By 2025 or before, obtain third-party expert verification; 4. Focus on the evaluation, development and practice of technological innovation in the aspects of water-saving production technology, environment-friendly technology, resource recycling and water reuse; 5. International Standard for Sustainable Water Management (AWS) Fully compliant with AWS international standards by 2025.
2.3.2	*A water stewardship plan shall be identified, including for each target:* *- How it will be measured and monitored* *- Actions to achieve and maintain (or exceed) it* *- Planned timeframes to achieve it* *- Financial budgets allocated for actions* *- Positions of persons responsible for actions and achieving targets* *- Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.* ✓ Yes
Comment	The site has developed a Water Stewardship Plan (Year 2023~2025), which specifies targets, required actions, measurement, status, effectiveness evaluation, accountable and deadline, etc. The Water Stewardship Plan is associated with five main outcomes of AWS, including good water governance, sustainable water balance, good water quality status, IWRA and WASH, such as: Upgraded the facility, like installing new sand filter and laminated filter, and add auxiliary equipment such as water inlet pump. Optimization manufacturing process, like rectification of injection machine flushing water Entrusted third-party laboratories to monitor the water quality of the Neighbour River Investigate water consumption for suppliers with high water risk levels and promote their water-saving actions to improve indirect water use of the site Continuously monitor Water Stewardship targets and best practices within the industry

2.3.3	*Advanced Indicator* *The site's partnership/water stewardship activities with other sites within the same catchment (which may or may not be under the same organisational ownership) shall be identified and described.*	Yes
Comment	1. On May 24, 2024, the site jointly carried out the beach cleaning activity of Gaoqiao Beach with Jinqiao Corporate Social Responsibility Promotion Association 2. On June 9, 2024, the site performed riverbank cleaning with surrounding enterprises with about one hundred participants. 3. On June 1, 2024, the site jointly carried out actions with Alipay and NGO(MYH2O) to publicize water-related knowledge to children through paintings, lectures and sports activities. 4. On March 22, 2024, World Water Day, the site jointly carried out water-saving publicity activities with other subsidiaries and advocated public participation along the Suzhou River.	
Score	4	
2.3.4	*Advanced Indicator* *The site's partnership/water stewardship activities with other sites in another catchment(s) (either under same corporate structure or with another corporate site) shall be identified.*	Yes
Comment	The site joined an internal experience exchange platform within the Group, and actively shared their innovative practices on the platform.	
Score	4	
2.3.5	*Advanced Indicator* *Stakeholder consensus shall be sought on the site's water stewardship plan. Consensus should be achieved on at least one target. A list of targets that have consensus and in which stakeholders are involved shall be identified.*	Yes
Comment	The site communicates its sustainable water stewardship plan with various stakeholders through face to face, interviews, and questionnaires, including wastewater treatment service provider, freshwater service provider, local ecological environment bureaus and enterprises. Via the interview, the stakeholders also agreed the actions and targets in the WSP and did not have additional request.	
Score	7	
2.4	*Demonstrate the site's responsiveness and resilience to respond to water risks*	
2.4.1	*A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.*	Yes
Comment	The site has coordinated with water-related infrastructure to develop contingency plans and implementation plans for water risk mitigation.	
2.4.2	*Advanced Indicator* *A plan to mitigate or adapt to water risks associated with climate change projections developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.*	N/A
Comment	The site does not perform this indicator.	

3	STEP 3: IMPLEMENT - Implement the site's stewardship plan and improve impacts	
3.1	*Implement plan to participate positively in catchment governance.*	
3.1.1	*Evidence that the site has supported good catchment governance shall be identified.*	Yes
Comment	The site actively cooperates with the government supervision department to conduct supervisory inspections, participated the seminar, training hosted by government. In 2024, the site participated three water-related training and one seminar hosted by government.	
3.1.2	*Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.*	Yes
Comment	The water rights are respected under legal and regulatory mechanisms, and there is no indigenous people in the catchment area.	
3.1.3	*Advanced Indicator* *Evidence of improvements in water governance capacity from a site-selected baseline date shall be identified.*	Yes
Comment	The site set 2023 as baseline. In 2024, 1. The site has developed its own water stewardship manual, SM-EM-003, to standardize its water management activities. 2. The site has established a Water Stewardship Organization Structure to coordinate its environmental and water management related affairs. An organization chart of the water stewardship management team established. 3. During 2024, several internal and external trainings of AWS were carried out.	
Score	2	
3.1.4	*Advanced Indicator* *Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the good water governance of the catchment shall be identified.*	Yes
Comment	1. In 2024, the site is awarded as Shanghai Green Factory - five-star. 2. In 2021, the site was awarded as an excellent water-saving enterprise by China Beverage Industry Association, and maintained until now.	
Score	2	
3.2	*Implement system to comply with water-related legal and regulatory requirements and respect water rights.*	
3.2.1	*A process to verify full legal and regulatory compliance shall be implemented.*	Yes
Comment	The site has established a procedure to ensure the operation meeting the provisions of relevant laws, regulations and other requirements. The site timely obtains updated information on laws and regulations, and conducts compliance evaluation on laws and regulations regularly and maintains records. According to IPE and monitoring reports, the facility operated in accordance with laws and regulations.	
3.2.2	*Where water rights are part of legal and regulatory requirements, measures identified to respect the water rights of others including Indigenous peoples, shall be implemented.*	Yes

Comment	The water rights are respected under legal and regulatory mechanisms, and there is no indigenous people in the catchment area.	
3.3	*Implement plan to achieve site water balance targets.*	
3.3.1	*Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.*	Yes
Comment	The site has developed a Water Stewardship Plan (Year 2023 and 2024) , which specifies targets, required actions, measurement, status, effectiveness evaluation, accountable and deadline, etc. For improving water balance, the site set 8 improvement measures, involving topics such as optimizing production processes and upgrade the facility to save water consumption and improve wastewater utilization, such as: 1.Rectification of injection machine flushing water. 2.Injection machine roller spray water mounting pressure gauge.	
3.3.2	*Where water scarcity is a shared water challenge, annual targets to improve the site's water use efficiency, or if practical and applicable, reduce volumetric total use shall be implemented.*	Yes
Comment	The site set water use efficiency in the water stewardship strategy. Improve water efficiency, reduce water footprint, and continuously reduce water consumption rate. Reduce overall water consumption to 1.45 by 2030;	
3.3.3	*Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.*	Yes
Comment	Legally-binding documentation for the re-allocation of water to social, cultural or environmental needs is not applicable in the catchment.	
3.3.4	*Advanced Indicator* *The total volume of water voluntarily re-allocated (from site water savings) for social, cultural and environmental needs shall be quantified.*	N/A
Comment	The site does not perform this indicator.	
3.4	*Implement plan to achieve site water quality targets*	
3.4.1	*Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.*	Obs.
Comment	A series of water stewardship plans are implemented to achieve the site's water quality targets. According to the water quality monitoring plan, the site entrusts a third-party laboratory to test its various water quality. According to the test report and analysis record provided by the site, the water quality is 100% in line with its internal control standard. The site also upgraded the facility to improve the discharged water quality, included: 1. Install advanced UV disinfection equipment. The addition of this equipment can effectively kill bacteria, viruses and other microorganisms in the wastewater to ensure that the effluent meets higher health and safety standards. 2. Install new sand filters and laminated filters will effectively remove suspended solids, particulate matter and some organic matter from the wastewater, further improving the clarity and purity of the water. 3. The addition of auxiliary equipment such as the intake pump will optimize the power supply of the entire water treatment process, ensuring that the water flow is stable and efficient through the various treatment units.	

3.4.2	*Where water quality is a shared water challenge, continual improvement to achieve best practice for the site's effluent shall be identified and where applicable, quantified.*	Yes
Comment	The site also upgraded the facility to improve the discharged water quality, included: 1. Install advanced UV disinfection equipment. The addition of this equipment can effectively kill bacteria, viruses and other microorganisms in the wastewater to ensure that the effluent meets higher health and safety standards. 2. Install new sand filters and laminated filters will effectively remove suspended solids, particulate matter and some organic matter from the wastewater, further improving the clarity and purity of the water. 3. The addition of auxiliary equipment such as the intake pump will optimize the power supply of the entire water treatment process, ensuring that the water flow is stable and efficient through the various treatment units. The site tracks the progress of its Water Stewardship targets regularly.	
3.5	*Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.*	
3.5.1	*Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.*	Yes
Comment	The site does not have onsite IWRAs and perform following actions to maintain and enhances the catchment's IWRAs. 1. Cooperated with WWF and Dongtan NNR (Dongtan Wetland Nature Reserver Migratory) to perform a Habitat Optimization Management and Water Replenishment Project. The project aiming to - Optimize the wetland operations for healthy habitats through refined environment monitoring, water level management, water purification, biodiversity increases and human activities redirection/control within the area. - Maintain and enlarge the effective management impact by engaging key stakeholders from public to private with higher conservation awareness and capacities. 2. On May 24, 2024, the site jointly carried out the beach cleaning activity of Gaoqiao Beach with Jinqiao Corporate Social Responsibility Promotion Association 3. On June 9, 2024, the site performed riverbank cleaning with surrounding enterprises with about one hundred participants.	
3.5.2	*Advanced Indicator* *Evidence of completed restoration of non-functioning or severely degraded Important Water-Related Areas including where appropriate cultural values from a site-selected baseline date shall be identified. Restored areas may be outside of the site, but within the catchment.*	Yes
Comment	The site 1. Cooperated with WWF and Dongtan NNR(Dongtan Wetland Nature Reserver Migratory) to perform a Habitat Optimization Management and Water Replenishment Project. The project aiming to - Optimize the wetland operations for healthy habitats through refined environment monitoring, water level management, water purification, biodiversity increases and human activities redirection/control within the area. - Maintain and enlarge the effective management impact by engaging key stakeholders from public to private with higher conservation awareness and capacities. The project is awarded as Sustainable Green Impact Project by FutureGreen Influence List. (https://www.163.com/dy/article/ICJM1U270514AJRG.html)	
Score	6	

3.5.3	*Advanced Indicator* *Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the healthy status of Important Water-Related Areas in the catchment shall be identified.*	Yes
Comment	The site 1. Cooperated with WWF and Dongtan NNR(Dongtan Wetland Nature Reserver Migratory) to perform a Habitat Optimization Management and Water Replenishment Project. The project aiming to - Optimize the wetland operations for healthy habitats through refined environment monitoring, water level management, water purification, biodiversity increases and human activities redirection/control within the area. - Maintain and enlarge the effective management impact by engaging key stakeholders from public to private with higher conservation awareness and capacities. The project is awarded as Sustainable Green Impact Project by FutureGreen Influence List. (https://www.163.com/dy/article/ICJM1U270514AJRG.html)	
Score	2	
3.6	*Implement plan to provide access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers at all premises under the site's control.*	
3.6.1	*Evidence of the site's provision of adequate access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers onsite shall be identified and where applicable, quantified.*	Yes
Comment	1. The WASH installations fully comply with the national "Hygienic Standards for the Design of Industrial Enterprises" (GBZ 1-2010). 2. The site conducts WBCSD self-assessment to evaluate the level of onsite WASH and the final result was 95%. 3. The site carried out a questionnaire survey on employee satisfaction regarding drinking water, sanitation, and facilities. 4. The site conducts regular testing of drinking water and secondary water supply to ensure safe drinking water, and the report show the result is compliance. 5. Sanitation and hygiene installations are checked and cleaned daily, water purifiers are checked daily and maintained when needed	
3.6.2	*Evidence that the site is not impinging on the human right to safe water and sanitation of communities through their operations, and that traditional access rights for indigenous and local communities are being respected, and that remedial actions are in place where this is not the case, and that these are effective.*	Yes
Comment	No evidence is showed that the site is impinging on the human right to safe water and sanitation of communities through their operations according to the interviews with the site's employees, local community and local government authorities.	
3.6.3	*Advanced Indicator* *A list of actions taken to support the provision to stakeholders in the catchment of access to safe drinking water, adequate sanitation and hygiene awareness shall be identified.*	Yes
Comment	1. The "One Bottle of Water Relay" campaign has been carried out for six consecutive years. From July 12 to August 31, 2023, 27 relay stations have been set up and more than 27,000 bottles of drinking water have been donated to high-temperature workers. 2. Carry out the annual donation during college entrance examination period. The site donated drinking water to the taxi fleet and traffic police during the 2024 college entrance examination.	
Score	5	

3.6.4	*Advanced Indicator:* *In catchments where WASH has been identified as a shared water challenge, evidence of efforts taken with relevant public-sector agencies to share information and to advocate for change to address access to safe drinking water and sanitation shall be identified.*	N/A
Comment	The site does not perform this indicator.	
3.7	*Implement plan to maintain or improve indirect water use within the catchment:*	
3.7.1	*Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.*	Yes
Comment	Indirect water uses targets not applicable in the water stewardship plan. 1. In 2024, the site provided AWS training to 17 suppliers and service providers to promote their awareness. 2. The site encourage a few suppliers to perform the water saving project. Five suppliers have responded and sent back their projects. The saving volume varied from 100 ton to 2000 ton.	
3.7.2	*Evidence of engagement with suppliers and service providers, as well as, when applicable, actions they have taken in the catchment as a result of the site's engagement related to indirect water use, shall be identified.*	Yes
Comment	Indirect water uses targets not applicable in the water stewardship plan. 1. In 2024, the site provided AWS training to 17 suppliers and service providers to promote their awareness. 2. The site encourage a few suppliers to perform the water saving project. Five suppliers have responded and sent back their projects. The saving volume varied from 100 ton to 2000 ton.	
3.7.3	*Advanced Indicator* *Actions taken to address water related risks and challenges related to indirect water use outside the catchment shall be documented and evaluated.*	Yes
Comment	The Guangxi Autonomous Region plays an important role in China's sugar industry, with more than 20 million people working in sugarcane agriculture and sugar production. More than 60% of China's sugar production comes from this region, including sugar supplied to The Coca-Cola Company. Historically, water resources was not used efficiently in Fusui County due to lack of water efficient irritation practices and use of open earthen ditches for transporting water rather than pipeline. Started in 2010, this project is a Public-Private Partnership demonstration project with the United Nations Development Program (UNDP) that addresses the need for reliable and efficient channeling of irrigation water for sugarcane farming. This phase of the initiative in Fusui County involved: 1) construction of pipelines to deliver water to sugarcane fields (Figure 1); and 2) replacement of flood irrigation with sprinkler irrigation for sugarcane production (Figure 2). A total land area of 153.3 ha has been covered by the project activity. The implementation of spray irrigation substantially reduced the irrigation water requirement comparing to flood irrigation. The contribution of Coca-cola is 50%. After this project, the benefit is follows: • Water savings = (10,350 – 4,097) m3/ha = 6,253 m3/ha • Area of cultivation = 153.3 ha Total benefit = Water savings x Area of cultivation = 6,253 m3/ha x 153.3 ha = 958,531 m3 = 959 ML	
Score	7	
3.8	*Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.*	

3.8.1	*Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.*	Yes
Comment	The site actively cooperates with the government supervision department to conduct supervisory inspections and visits. The site keeps close contact with local water-related infrastructure owners through many ways such as Wechat or phone call.	
3.9	*Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.*	
3.9.1	*Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.*	Yes
Comment	1. The site has developed its own sustainable water stewardship management manual, SM-EM-003, to standardize its water management activities. 2. Annual disclosure of water stewardship information on public. 3. A comprehensive sustainable water management plan that is carefully implemented and regularly reviewed and updated 4. Work with stakeholders on catchment IWRAs protection activities 5.1. In 2024, the site is awarded as Shanghai Green Factory - five-star. 6. In 2021, the site was awarded as an excellent water-saving enterprise by China Beverage Industry Association, and maintained until now.	
3.9.2	*Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.*	Yes
Comment	For improving water balance, the site set 8 improvement measures, involving topics such as optimizing production processes and upgrade the facility to save water consumption and improve wastewater utilization, such as: 1.Rectification of injection machine flushing water. 2.Injection machine roller spray water mounting pressure gauge. 3.The site's water consumption performance is 3.73t/ per ten thousand RMB, which meet the advanced level of 'clean production assessment indicator system' 4.The site's water consumption intensity is 1.68t/t product, which meet the advanced level of 'Industrial water quota' So the performance could reach the advance level of the industrial.	
3.9.3	*Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.*	Yes
Comment	The site also upgraded the facility to improve the discharged water quality, included: 1. Install advanced UV disinfection equipment. The addition of this equipment can effectively kill bacteria, viruses and other microorganisms in the wastewater to ensure that the effluent meets higher health and safety standards. 2. Install new sand filters and laminated filters will effectively remove suspended solids, particulate matter and some organic matter from the wastewater, further improving the clarity and purity of the water. 3. The addition of auxiliary equipment such as the intake pump will optimize the power supply of the entire water treatment process, ensuring that the water flow is stable and efficient through the various treatment units. Shen-Mei also developed an internal control standard that are stricter than the discharge permit. The specific details are as follows: Internal control index of discharged wastewater: SS 320 mg/L; COD 400mg/L; BOD:240mg/L, NH3-N:36mg/L, TN:56mg/L;TP 6.4 mg/L; petroleum 12 mg/L;). (Permit requirements: SS 400 mg/L; COD 500mg/L; BOD:300mg/L, NH3-N:45mg/L, TN:70mg/L;TP 8 mg/L; PH 6.0-9.0; petroleum 15 mg/L;). According to the test report and analysis record provided by the site, the water quality is 100% in line with its internal control standard.	

3.9.4	*Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.*	Yes
Comment	The site does not have onsite IWRAs, and perform following actions to maintain and enhances the catchment's IWRAs. 1. Cooperated with WWF and Dongtan NNR(Dongtan Wetland Nature Reserver Migratory) to perform a Habitat Optimization Management and Water Replenishment Project. The project aiming to - Optimize the wetland operations for healthy habitats through refined environment monitoring, water level management, water purification, biodiversity increases and human activities redirection/control within the area. - Maintain and enlarge the effective management impact by engaging key stakeholders from public to private with higher conservation awareness and capacities. 2. On May 24, 2024, the site jointly carried out the beach cleaning activity of Gaoqiao Beach with Jinqiao Corporate Social Responsibility Promotion Association 3. On June 9, 2024, the site performed river bank cleaning with surrounding enterprises□with about one hundred participant.	
3.9.5	*Actions towards achieving best practice related to targets in terms of WASH shall be implemented.*	Yes
Comment	1. The WASH installations fully comply with the national "Hygienic Standards for the Design of Industrial Enterprises" (GBZ 1-2010). 2. The site conducts WBCSD self-assessment to evaluate the level of onsite WASH and the final result was 95%. 3. The site carried out a questionnaire survey on employee satisfaction regarding drinking water, sanitation, and facilities. 4. The site conducts regular testing of drinking water and secondary water supply to ensure safe drinking water, and the report show the result is compliance. 5. Sanitation and hygiene installations are checked and cleaned daily, water purifiers are checked daily and maintained when needed	
3.9.6	*Advanced Indicator* *Achievement of identified best practice related to targets in terms of good water governance shall be quantified.*	Yes
Comment	1. The site has developed its own sustainable water stewardship management manual, SM-EM-003, to standardize its water management activities. 2. Annual disclosure of water stewardship information on public. 3. A comprehensive sustainable water management plan that is carefully implemented and regularly reviewed and updated 4. Work with stakeholders on catchment IWRAs protection activities 5.1. In 2024, the site is awarded as Shanghai Green Factory - five-star. 6. In 2021, the site was awarded as an excellent water-saving enterprise by China Beverage Industry Association, and maintained until now.	
Score	8	
3.9.7	*Advanced Indicator* *Achievement of identified best practice related to targets in terms of sustainable water balance shall be quantified.*	Yes

Comment	For improving water balance, the site set 8 improvement measures, involving topics such as optimizing production processes and upgrade the facility to save water consumption and improve wastewater utilization, such as: 1.Rectification of injection machine flushing water. 2.Injection machine roller spray water mounting pressure gauge. 3.The site's water consumption performance is 3.73t/ per ten thousand RMB, which meet the advanced level of 'clean production assessment indicator system' 4.The site's water consumption intensity is 1.68t/t product, which meet the advanced level of 'Industrial water quota' So the performance could reach the advance level of the industrial.
Score	8

3.9.8 *Advanced Indicator*
Achievement of identified best practices related to targets in terms of water quality shall be quantified

Yes

Comment	The site also upgraded the facility to improve the discharged water quality, included: 1. Install advanced UV disinfection equipment. The addition of this equipment can effectively kill bacteria, viruses and other microorganisms in the wastewater to ensure that the effluent meets higher health and safety standards. 2. Install new sand filters and laminated filters will effectively remove suspended solids, particulate matter and some organic matter from the wastewater, further improving the clarity and purity of the water. 3. The addition of auxiliary equipment such as the intake pump will optimize the power supply of the entire water treatment process, ensuring that the water flow is stable and efficient through the various treatment units. Shen-Mei also developed an internal control standard that are stricter than the discharge permit. The specific details are as follows: Internal control index of discharged wastewater: SS 320 mg/L; COD 400mg/L; BOD:240mg/L, NH3-N:36mg/L, TN:56mg/L;TP 6.4 mg/L; petroleum 12 mg/L;). (Permit requirements: SS 400 mg/L; COD 500mg/L; BOD:300mg/L, NH3-N:45mg/L, TN:70mg/L;TP 8 mg/L; PH 6.0-9.0; petroleum 15 mg/L;). According to the test report and analysis record provided by the site, the water quality is 100% in line with its internal control standard.
Score	8

3.9.9 *Advanced Indicator*
Achievement of identified best practices related to targets in terms of the site's maintenance of Important Water-Related Areas have been implemented.

N/A

Comment	The facility does not perform this indicator.

3.9.10 *Advanced Indicator*
Achievement of identified best practice related to targets in terms of WASH shall be quantified.

Yes

Comment	1. The WASH installations fully comply with the national "Hygienic Standards for the Design of Industrial Enterprises" (GBZ 1-2010). 2. The site conducts WBCSD self-assessment to evaluate the level of onsite WASH and the final result was 95%. 3. The site carried out a questionnaire survey on employee satisfaction regarding drinking water, sanitation, and facilities. 4. The site conducts regular testing of drinking water and secondary water supply to ensure safe drinking water, and the report show the result is compliance. 5. Sanitation and hygiene installations are checked and cleaned daily, water purifiers are checked daily and maintained when needed
Score	4

3.9.11	*Advanced Indicator* *A list of efforts to spread best practices shall be identified.*	Yes
Comment	The site joined an internal experience exchange platform within the Group, and actively shared their innovative practices on the platform. The site also accepted a few visits of sibling company and shared the water stewardship best practices. For example, in Nov.2024, the site accepted the visit of Singapore main agent factory. This water-related learning event aims to enhance our understanding of Singapore's water management, production safety, technological innovation and sustainable development through in-depth discussions and field visits. Focusing on seven core topics, including efficient use of water resources, AWS certified safe production specifications, exchange and learning implementation plans, experience and technology sharing, emergency response mechanism, and cooperation and resource sharing, it aims to promote knowledge sharing and improve our water resources management capabilities.	
Score	3	
3.9.12	*Advanced Indicator* *A list of collective action efforts, including the organizations involved, positions of responsible persons of other entities involved, and a description of the role played by the site shall be identified.*	Yes
Comment	1. On May 24, 2024, the site jointly carried out the beach cleaning activity of Gaoqiao Beach with Jinqiao Corporate Social Responsibility Promotion Association 2. On June 9, 2024, the site performed river bank cleaning with surrounding enterprises with about one hundred participant. 3. Cooperated with WWF and Dongtan NNR(Dongtan Wetland Nature Reserver Migratory) to perform a Habitat Optimization Management and Water Replenishment Project. The project aiming to - Optimize the wetland operations for healthy habitats through refined environment monitoring, water level management, water purification, biodiversity increases and human activities redirection/control within the area. - Maintain and enlarge the effective management impact by engaging key stakeholders from public to private with higher conservation awareness and capacities. The project is awarded as Sustainable Green Impact Project by FutureGreen Influence List. (https://www.163.com/dy/article/ICJM1U270514AJRG.html)	
Score	10	
3.9.13	*Advanced Indicator* *Evidence of the quantified improvement that has resulted from the collective action relative to a site-selected baseline date shall be identified and evidence from an appropriate range of stakeholders linked to the collective action (including both those implementing the action and those affected by the action) that the site is materially and positively contributing to the achievement of the collective action shall be identified.*	Yes

Comment	1. On May 24, 2024, the site jointly carried out the beach cleaning activity of Gaoqiao Beach with Jinqiao Corporate Social Responsibility Promotion Association 127 people participated, and 785kg waste was picked up. 2. On June 9, 2024, the site performed river bank cleaning with surrounding enterprises with about one hundred participant. 97 people participated, and 542kg waste was picked up. 3. Cooperated with WWF and Dongtan NNR(Dongtan Wetland Nature Reserver Migratory) to perform a Habitat Optimization Management and Water Replenishment Project. The project aiming to - Optimize the wetland operations for healthy habitats through refined environment monitoring, water level management, water purification, biodiversity increases and human activities redirection/control within the area. - Maintain and enlarge the effective management impact by engaging key stakeholders from public to private with higher conservation awareness and capacities. The project is awarded as Sustainable Green Impact Project by FutureGreen Influence List. (https://www.163.com/dy/article/ICJM1U270514AJRG.html) The total 2023 benefit is 838 ML/yr.
Score	5

4	STEP 4: EVALUATE - Evaluate the site's performance.	
4.1	*Evaluate the site's performance in light of its actions and targets from its water stewardship plan and demonstrate its contribution to achieving water stewardship outcomes.*	
4.1.1	*Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.*	Yes
Comment	The site performed annual water stewardship management review on 11th September 2024. The review covered the requirements of evaluating site performance and its contribution to achieving water stewardship results based on the objectives of the water stewardship plan. The 2024 water stewardship plan has 7 objectives with 27 actions. The water management plan states that each objective can be associated with several main outcomes of the standard. Each objective has defined good practices, actions, targets, cost/benefit, desired outcomes, responsible party, partners, start date, end date, status and priority. This design makes it possible to identify the progress of each objective, and as it is updated every year, it is possible to identify its contribution and compare it with the established deadlines.	
4.1.2	*Value creation resulting from the water stewardship plan shall be evaluated.*	Yes
Comment	The site performed annual water stewardship management review on 11th September 2024. The review covered the value creation resulting from the water stewardship plan. As of September 2024, the site has reduced water consumption over 80000 tons, saving cost over 200 thousand RMB.	
4.1.3	*The shared value benefits in the catchment shall be identified and where applicable, quantified.*	Obs.
Comment	The site analyzed its value creation resulting from the implementation of water stewardship plan, especially the implementation of water-saving projects. For example, Chongming Dongtan National Nature Reserve (NNR) Habitat Optimization Management and Water Replenishment Project – Beibayao pilot The 2023 benefit is the performance-based benefit from this activity as of the end of the calendar year 2023. The total 2023 benefit is 838 ML/yr.	
4.1.4	*Advanced Indicator* *A governance or executive-level review, including discussion of shared water challenges, water risks, and opportunities, and any water-related cost savings or benefits realized, and any relevant incidents shall be identified.*	Yes
Comment	The site's Sustainable Water Management Review reported to the top management on shared water challenges, water risks and opportunities, and the performance created by implementing sustainable water management. The top management recognizes the achievements of Shen-Mei in sustainable water management and requests continuous improvement of the site to achieve greater social shared value. The meeting minutes are kept.	
Score	3	
4.2	*Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.*	
4.2.1	*A written annual review and (where appropriate) root-cause analysis of the year's emergency incident(s) shall be prepared and the site's response to the incident(s) shall be evaluated and proposed preventative and corrective actions and mitigations against future incidents shall be identified.*	Yes

Comment	No water-related emergencies and extreme events occurred at the site in recent years. The site presents its emergency response procedure and plan identifying proposed preventive and corrective actions, as well as measures to mitigate future incidents. The site also provides the drilling record covered the water-related topcis including water suspends, malfunction of the WWTP, spill and ect.	
4.3	*Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.*	
4.3.1	*Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.*	Yes
Comment	Shen-Mei communicates its sustainable water management performance with various stakeholders through symposiums, interviews, and questionnaires, including local ecological environment bureaus, water bureaus, local zone management committee, surrounding enterprises, river chief office, and local resident.	
4.3.2	*Advanced Indicator* *The site's efforts to address shared water challenges shall be evaluated by stakeholders. This shall include stakeholder reviewing of the site's efforts across all five outcome areas, and their suggestions for continual improvement.*	Yes
Comment	Shen-Mei communicates its sustainable water management performance with various stakeholders through symposiums, interviews, and questionnaires, including local ecological environment bureaus, water bureaus, local zone management committee, surrounding enterprises, river chief office, and local resident. For example, the site paid visit to River Governor's Office and local environmental bureau. The office suggested the site to participate more in the public welfare activities, training and seminar of the River Governor's Office. The local environmental bureau suggested the site to: Regularly publish the company's environmental protection work, activities and progress. Environmental protection related publicity and training (development of environmental facilities visit). Environmental technology sharing session. Organize or support community activities.	
Score	6	
4.4	*Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.*	
4.4.1	*The site's water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations in this step and these changes shall be identified.*	Yes
Comment	The site has developed an 'AWS Management Manual', which specifies that its water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations annual. They also provided the WSP for Year 2025.	

5	STEP 5: COMMUNICATE & DISCLOSE - Communicate about water stewardship and disclose the site's stewardship efforts	
5.1	*Disclose water-related internal governance of the site's management, including the positions of those accountable for legal compliance with water-related local laws and regulations.*	
5.1.1	*The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.*	Yes
Comment	The site disclosed the site's internal governance in relation to water, and communication on sustainable water management issues on its official WeChat account. https://mp.weixin.qq.com/s/Icl-1zoPsAwNdeaPxdKULg	
5.2	*Communicate the water stewardship plan with relevant stakeholders.*	
5.2.1	*The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.*	Yes
Comment	The site has communicated its water stewardship plan with stakeholders through questionnaires, interviews, and other forms, including how the water stewardship plan contributes to the outcomes of the AWS Standard.	
5.3	*Disclose annual site water stewardship summary, including: the relevant information about the site's annual water stewardship performance and results against the site's targets.*	
5.3.1	*A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.*	Yes
Comment	The site disclosed the water stewardship performance of 2023, including quantified performance against targets on its official WeChat account. https://mp.weixin.qq.com/s/Icl-1zoPsAwNdeaPxdKULg	
5.3.2	*Advanced Indicator* *The site's efforts to implement the AWS Standard shall be disclosed in the organization's annual report.*	Yes
Comment	In the site's CSR report of 2022, its implementation of water stewardship against the AWS Standard was disclosed. https://www.swirecocacola.com/sbcorpweb/uploads/docs/SCC_SR2022_Full_SC.pdf	
Score	1	
5.3.3	*Advanced Indicator* *Benefits to the site and stakeholders from implementation of the AWS Standard shall be quantified in the organization's annual report.*	N/A
Comment	The site does not perform this indicator.	
5.4	*Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges;engagement with stakeholders; and co-ordination with public-sector agencies.*	
5.4.1	*The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.*	Yes
Comment	The site disclosed the shared water-related challenges and the effort to address shared water challenges on its official WeChat account. https://mp.weixin.qq.com/s/Icl-1zoPsAwNdeaPxdKULg	

5.4.2	*Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.*	Yes
Comment	The site disclosed the effort to address shared water challenges, internal governance in relation to water, and communication on sustainable water management issues on its official WeChat account. They also shared the related information during visiting of the stakeholder like local management committee, wastewater treatment and water supply infrastructure and government agencies.	
5.5	*Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.*	
5.5.1	*Any site water-related compliance violations and associated corrections shall be disclosed.*	Yes
Comment	A procedure to manage non-conformance and related corrective action is developed, there is no water-related compliance violation identified in past few years.	
5.5.2	*Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.*	Yes
Comment	A procedure to manage non-conformance and related corrective action is developed, there is no water-related compliance violation identified in past few years.	
5.5.3	*Any site water-related violation that may pose significant risk and threat to human or ecosystem health shall be immediately communicated to relevant public agencies and disclosed.*	Yes
Comment	A procedure to manage non-conformance and related corrective action is developed, any site water-related violation that may pose significant risk and threat to human or ecosystem health is required to be immediately communicated to the relevant public.	

Photographic Evidence from Audit

Yes

IMG_7561.JPG

IMG_7590.JPG

surrounding river.JPG

IMG_7562.JPG

IMG_7567.JPG

IMG_7558.JPG

IMG_7565.JPG

IMG_7564.JPG

IMG_7583.JPG

IMG_7559.JPG

Previous Findings

All non-conformities raised in the previous audit have been satisfactorily closed.

N/A