CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-001628

WSAS WATER STEWARDSHIP ASSURANCE SERVICES

SITE DETAILS

Site: **Coca-Cola Beverages (Shanghai) Co., Ltd.**

Address: No.1188 Ziyue Road (Concentrate Plant), Zizhu Science Based Industrial Park, Minhang District, 200241, Shanghai, Shanghai, P.R. CHINA

Contact Person: Fan Yao

AWS Reference Number: AWS-000803

Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Gold

Date of certification decision: 2025-Oct-07

Validity of certificate: 2028-Oct-06

AUDIT DETAILS

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

Audit Type(s): Initial Audit

Audit Start Date: 2025-May-26

Audit End Date: 2025-May-28

Lead Auditor: Lorry Long

Audit team participants:

Sibyl Zhu

Site Participants:

Ms. Yao, EOSH Engineer

Ms. Xiong, Sr EOSH Manager

Ms. Xu, QSE Director

Mr. Zhang, Facility Managment

Mr. Huang, WWT Manager

Mr. Wang, Water Resources Manager

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ADDITIONAL INFO

Summary of Audit Findings: During the certification audit 1 of non-conformities and 2 observations were raised.

The Client is requested to perform a root cause analysis and define corrective actions for each of the non-conformities and to submit these to WSAS within 7 days of receipt of the audit report by 04/06/2025.

The non-conformities must be closed within 90 days of the end of the audit. In order to meet this timeline evidence is to be submitted to WSAS (within 75 days) by 11/08/2025.

The audit team recommends certification of Coca-Cola Beverages (Shanghai) Co., Ltd. at Gold level pending approval of the corrective actions plan and closure of the non-conformities.

Scope of Assessment: Coca-Cola Beverages (Shanghai) Co., Ltd. is located at No.1188 Ziyue Road (Concentrate Plant), Zizhu Science Based Industrial Park, Minhang District, Shanghai City, China. The site was established in 1988 and started operation at current location in 2009 with a total covers an area up to 67,371 square meters and about 150 employees. The main products are beverage concentrate.
The water sources used in Coca-Cola included municipal water. The municipal water is supplied by Minhang Plant. The main water source is Qingcaosha Reservoir and the emergency water source is Jinze River.
The industrial wastewater is treated by its internal wastewater station, and the water was recycled and used as domestic water, such as toilet, greening, fire pool and etc. The superfluous recycled water was discharged to Bailonggang Wastewater Treatment Plant for further treatment. The domestic sewage is treated by its septic-tank and then discharged to Bailonggang Wastewater Treatment Plant for further treatment. Afterwards, it finally flows into the Yangtze River.

The audit was conducted onsite on May 26-28, 2025.

The onsite site visit included the assessment of production lines, wastewater treatment plant, chemical warehouse and IWRA, stakeholder interviews and documents review.

FINDINGS

Observation	2
Non-Conformity	1

FINDING DETAILS

Finding No:	TNR-018464
Checklist Item No:	1.3.4
Status:	Open
Finding level:	Observation
Checklist item:	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.
Findings:	It is suggested that the site regularly conduct monitoring for rainwater.

Finding No:	TNR-018466
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:	It is suggested that the site enhance the management control for domestic wastewater, and ensure the discharge of domestic wastewater meet the required discharge limit.

Finding No:	TNR-018465
Checklist Item No:	3.6.1
Status:	Closed
Finding level:	Non-Conformity
Due date:	2025-Aug-11
Checklist item:	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.
Findings:	The site provided bottled drinking water for employees, but did not post the drinking water testing report around the drinking water facilities.
Corrective action:	1. Post a QR code to query the water quality monitoring report in the staff passage way, and upload the most recent monitoring report. 2. Add provisions for the regular public disclosure of drinking water quality reports to the management process.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-001628

WSAS WATER STEWARDSHIP ASSURANCE SERVICES

Report Details

Report	Value
Report prepared by	Lorry Long
Report approved by	S. M. Leong
Report approved on (Date)	7 Oct 2025

Surveillance

Proposed date for next audit
2026-May-27

Comment The first surveillance audit is proposed to be performed on May 27, 2026.

Stakeholder Announcements

Date of publication	Location
26/03/2025	https://a4ws.org/wp-content/uploads/2025/04/AWS-000803_Single-site_StakeholderAnnouncement_V3.0-billingual.pdf
26/03/2025	https://www.tuv.com/content-media-files/greater-china/about-us/downloads/management-systems/aws-000803_single-site_stakeholderannouncement_v3.0-billingual.pdf
26/03/2025	Published at the site's entrance

Catchment Information

catchment map with location.jpg

Catchment boundary.jpg

Catchment Information

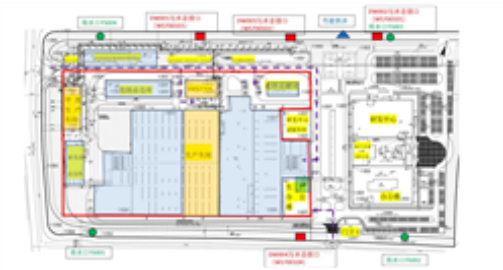
The water sources used in Coca-Cola included municipal water and recycled water. The municipal water is supplied by Minhang Plant. The main water source is Qingcaosha Reservoir, and the emergency water source is Jinze River.
The industrial wastewater is treated by its internal wastewater station, and the water was recycled and used as domestic water, such as toilet, greening, fire pool and etc. The superfluous recycled water was discharged to Bailonggang Wastewater Treatment Plant for further treatment. The domestic sewage is treated by its septic-tank and then discharged to Bailonggang Wastewater Treatment Plant for further treatment. Afterwards, it finally flows into the Yangtze River.

Based on the location of the water source and final discharge destination, the identified physical boundary for the site to carry out water stewardship mainly the Taihu Lake Basin.

Shanghai is located in the eastern coastal region of China, at the forefront of the Yangtze River Delta and the estuary of the Yangtze River. The Taihu Basin is the most downstream sub-basin of the Yangtze River system, centered around Taihu Lake and divided into upstream and downstream water systems. The upstream water system mainly consists of independent water systems in the western hilly areas, including the Tiaoxi River system, the Nanhe River system, and the Chaohu River system. The downstream water system is primarily composed of the plain river network, including the Huangpu River system in the east, the water system along the Yangtze River in the north, and the water systems along the Yangtze River estuary and Hangzhou Bay in the southeast.

The average annual rainfall in the Taihu Lake Basin is 1,181 millimeters, with a total annual precipitation of 41.4 billion cubic meters. The land surface evaporation is 764 millimeters, and the water surface evaporation is 842 millimeters. The average annual water resources in the local area are 16.2 billion cubic meters, among which the surface water resources are 13.7 billion cubic meters. The interannual and intra-annual distribution of rainfall is uneven. The rainfall within the year is mainly concentrated during the flood season. The Taihu Lake Basin borders the Yangtze River, with abundant water flowing through it. The average annual discharge of the main stream of the Yangtze River into the sea amounts to as much as 936 billion cubic meters. Over the years, many water diversion and drainage projects have been built along the Yangtze River in the Taihu Lake Basin to discharge flood water into the Yangtze River during heavy floods and draw water from it when the water level is low.

Client Description and Site Details



Site Boundary Map.jpg

Client/Site Background

Coca-Cola Beverages (Shanghai) Co., Ltd. CPS is located at No.1188 Ziyue Road (Concentrate Plant), Zizhu Science Based Industrial Park, Minhang District, Shanghai City, China. The site was established in 1988 and started operation at current location in 2009 with a total covers an area up to 67 371 square meters and about 150 employees. The main products are beverage concentrate. The main production process included: mixing-packing. The water sources used in Coca-Cola included municipal water and recycled water. The municipal water is supplied by Minhang Plant. The main water source is Qingcaosha Reservoir and the emergency water source is Jinze River.
The industrial wastewater is treated by its internal wastewater station, and the water was recycled and used as domestic water, such as toilet, greening, fire pool and etc. The superfluous recycled water was discharged to Bailonggang Wastewater Treatment Plant for further treatment. The domestic sewage is treated by its septic-tank and then discharged to Bailonggang Wastewater Treatment Plant for further treatment. Afterwards, it finally flows into the Yangtze River.

Summary of Shared Water Challenges

Summary of Shared Water Challenges

The Catchment Background Report identifies the shared challenges within the catchment, including:
1. The shortage of local water resources, the contradiction between water resource endowment and supply is prominent in future. (high priority)
2. Meteorological disasters, especially heavy rain, are relatively concentrated and intense. The capacity to withstand and respond to climate change and the related infrastructure have not yet been improved. (medium priority)
3. Salt tides and other pollution incidents affect the water quality of water sources. (medium priority)
4. Water quality of local small and medium-sized rivers is still polluted, water quality of the coastal area is poor, and the water ecological quality 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	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 (Minhang Water Plant) and its ultimate water source (main water source: Qingcaosha Reservoir, emergency water source: Jinze Reservoir), 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 included in the AWS management manual 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 City Minhang Ecological Environment Bureau, 3102212022178; 2. Comprehensive emergency plan for production safety, including response procedures for natural disasters (such as floods, rainstorms, typhoons, and earthquakes); 3. Emergency plan for flood and typhoon prevention (such as typhoons, rainstorms, river water backflows); EHS-018 4. Emergency response plan of public health, KKKL(SH)-2022-09-01 5. Special Emergency Plan of Hazardous Chemical Leakage Accidents, KKKL(SH)-2022-09-03 6. Special Emergency Plan of Occupational health incident, KKKL(SH)-2022-09-08 7. Special Emergency Plan of water supply shutdown incident, SH-HSE-101 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. 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 May 2024, 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. 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 May 2024, 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.*

Obs.

Comment

The site has developed a water quality monitoring inventory, which includes monitoring requirements for industrial wastewater, domestic wastewater, incoming water, drinking water, production water, Environmental water, including monitoring points, monitoring methods, pollutant names, monitoring frequency, and control standards. For example:
Industrial wastewater (the industrial wastewater is also the recycled water):
• According to the requirements of the wastewater discharge permit, the site quarterly 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.
Domestic wastewater:
• Domestic wastewater is tested by an external qualified laboratory once every three months.
Drinking water:
• The site provides employees with free bottled drinking water and the water quality testing report is provided by the supplier.
Incoming water:
• The site quarterly entrusts a third-party laboratory to test the water quality of the water supply within the site (such as pH, odor and taste, hazen, turbidity, total coliforms, free chlorine and etc.) according to Drinking Water Quality Standard, GB 5749-2022.
Production Water:
• Internal laboratory tests the water quality of the water treatment processes such as RO water and treated water. The parameters (such as pH, chlorine content, iron content, hardness, alkalinity and etc.) are tested every two hours, other parameters (such as conductivity, turbidity) are tested every four hours.
• An external laboratory is commissioned annually to test the RO water and treated water. According to the production quality requirements, 120 parameters, such as ammonia nitrogen, pH, fluoride, alkalinity, sulfates, chlorides, TDS and etc. are tested.
Environmental water quality:
• The site commissions a third-party laboratory to conduct water quality monitoring of the Danshui River, which is the receiving body of rainwater once in 2024, monitoring the main pollutant parameters such as pH, COD, BOD5, ammonia nitrogen, TP, TN 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 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, 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 office, 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 16 drinking water facilities. The site washes and disinfects the drinking water facilities monthly and relevant maintenance records are available on-stie. Bottled pure water is provided and water quality testing reports are provided by the supplier, 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 "Washing room Cleaning Operation Regulation" which stipulates requirements for the cleaning of toilets. The relevant maintenance records are available on-site. • The site has also posted QR codes in the toilet 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 types based on raw materials and auxiliary materials, such as food additives suppliers, packaging material suppliers, chemical suppliers, etc. They selected suppliers with a procurement amount greater than 5% in each category for investigation, resulting in 6 suppliers being included in the survey, and all 6 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 uniform washing, 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 food additives suppliers, packaging material suppliers, chemical suppliers, etc. They selected suppliers with a procurement amount greater than 5% 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 6 suppliers is approximately 1.33 million tons. The embedded water use of materials is about 93,646 tons by calculation (based on data provided by the main 6 suppliers)	
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 Water Source Vulnerability and Water Resource Management Plan (SVA 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 SVA 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.	
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 SVA 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.	
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 SVA 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 SVA 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 Danshui River (which is the receiving body of rainwater), 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.	
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.	
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. The shortage of local water resources, the contradiction between water resource endowment and supply is prominent in future. (high priority)
2. Meteorological disasters, especially heavy rain, are relatively concentrated and intense. The capacity to withstand and respond to climate change and the related infrastructure have not yet been improved. (medium priority)
3. Salt tides and other pollution incidents affect the water quality of water sources. (medium priority)
4. Water quality of local small and medium-sized rivers is still polluted, water quality of the coastal area is poor, and the water ecological quality 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.

For example, site's action plan: Adopt water-saving processes to increase the reuse rate of reclaimed water. Participate in the creation of water-saving enterprises organized by the government. Formulate an emergency response plan for water supply interruption and conduct regular drills. Increase water storage capacity.

Public initiatives: Dual control of water resources during the 14th Five-Year Plan period. Management Measures for water Conservation Shanghai Water Supply Planning (2019-2035) Several Provisions on Water Resources Management of Shanghai Municipality. Detailed Rules for the Implementation of Water Resources Dispatching in the Water Conservancy Control Area of Shanghai Municipality.

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 water level is 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.

The site analyzed the trends in population changes, agricultural, industrial, and domestic water use changes, climate, and ecological environment changes within the catchment by querying reports published by government or academic institutions. And based on research reports and WWF, WRI water risk analysis models, predictions were made for future water issues in the basin. Overall, by 2030, the shortage of water resources in the watershed can gradually intensify, and the water quality problem in the catchment will continue to exist.

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 2020, 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 September 2023. 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.	
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. The spreadsheet that lists the water risks faced by the site. The site prioritized the risk according to the possibility and severity of the impact 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 four major business opportunities and ranked their importance according to the possibility and severity of the impact. For individual opportunity, the impact analysis, potential saving, business opportunities, possible solution and Dept/Person in Charge are identified.	
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: • Publicly disclose water and water quality data regularly • Collaborate with stakeholders (including supporting government and etc.) to promote sustainable water management; • Promote or initiate multi-stakeholder cooperation to jointly carry out sustainable water management actions; • Participate in or promote the co-governance of catchment platform.	
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: • The water use rate recognized by CPS group. • Water saving projects shared by Commercial Production Supply • Establish or carry out water conservation management systems, management institutions, management of water supply and drainage facilities and water use facilities, water metering management, water balance, water conservation technological transformation and investment, water conservation publicity and etc.	
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, 30mg/L; Permitted limit, 500mg/L NH3-N: Internal control target, 2mg/L; Permitted limit, 45mg/L TP: Internal control target, 1mg/L; Permitted limit, 8mg/L TN: Internal control target, 5mg/L; Permitted limit, 70mg/L BOD5: Internal control target, 105mg/L; Permitted limit, 300mg/L TSS: Internal control target, 5mg/L; Permitted limit, 400mg/L • Take pollution prevention measures to improve the utilization rate of materials and cleaning efficiency, and reduce the generation of water pollutants and wastewater. • Implement environmental and safety management measures: establish environmental and safety management systems; implement management measures for pollution control facilities.	
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: • Establish regular monitoring plan to monitor the change (such as water level and water quality) of IWRAs (Identified Water-Related Areas). • Install the monitoring drilling between the site and IWRAs to detect any effect that the site generated to IWRAs. • Provide support for the project of restoring and improving the IWRA that was once damaged. • Support public awareness programs that can raise public awareness of IWRA and prevent other parties from behaving in a way that may harm IWRA.	
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 • Personal hygiene in the workplace: provide handwashing facilities and appropriate identification; conduct training for cleaning and maintenance personnel, monitor disease related to water. • Pay attention to and ensure that vulnerable groups have access to adequate and improved WASH services, with a particular focus on the needs of female employees, especially providing care and attention to pregnant and lactating female 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 the site. The commitment includes all the necessary element. The commitment is posted in the lobby and the gate of the site.	
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 the site. The commitment includes all the necessary element. The commitment is posted in the lobby and the gate of the site.	
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	The site disclosed the information of its water management organizational structure and members of the compliance responsible team in the lobby of the site. The site has prepared 'AWS Management System Manual', which defines the water management responsibilities of each department. The site has also established a procedure to ensure the operation of the site meet the provisions of relevant laws, regulations and other requirements, DOC-15608. EHS department is in charge of collecting and reviewing the relevant laws, regulations and other requirements annually. The conformance evaluation is conducted annually by EHS department.	
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 posted it in the lobby and the gate of the site. The strategy expounds the site's long-term plan for water stewardship in terms of standardized management, corporate social responsibility and implementation of best practices, including: 1. Enhance water use efficiency through measures such as reducing losses, standardizing water usage processes, and maximizing the utilization of non-fresh water, and continuously lower the water consumption rate. 2. Collaborate with stakeholders to actively carry out "water return" in river basins, achieving a water return rate of 100% by 2030 or earlier. 3. Establish a management system in line with international sustainable water management standards (AWS) by 2025, fully meeting the requirements of AWS international standards.

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, 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: • Complete the establishing of AWS system; Establish sustainable water stewardship operation manual and conduct the management review; • Improve staff's water management awareness through training and wastewater treatment stations emergency drill; • The quality of the discharged wastewater meets 100% of the law requirements and the industry wastewater internal control index; • Regularly conduct satisfaction questionnaires for stakeholders; conduct communication with stakeholders every year, and keep daily communication records

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. The site respectively selects one point of the Danshui River (Rainfall receiving water body) and arranges the water quality testing by trusts external agencies twice per year (test parameters include COD, BOD, PH, dissolved oxygen, NH3-N, TP, TN) according to the national standard: Surface Water Environmental Quality Standard GB 3838-2002. 2. Since 2018, the site has provided financial support for WWF to carry out wetland water level management in Beibayao site of Chongming Dongtan National Nature Reserve, Shanghai. This project will continue until 2033, and an annual calculation will be conducted by a professional third party. 3. The factory collaborated with the Smile Tomorrow Foundation (a local NGO organization) on a water source protection project at the TaiPu River (located beside the Jinze Reservoir, one of the water sources). They promoted regenerative agriculture, controlled non-point source pollution and runoff in rural farmland areas. By establishing wetland systems, they aimed to reduce the total phosphorus and total nitrogen flowing into the water body by controlling the use of pesticides and fertilizers. The project will last from July 2025 to June 2028 and will be monitored until 2030. All of the above water body are belongs to the site's catchment.

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	In 2025, The factory collaborated with the Future smile Charitable Foundation to establish two small-scale wetlands in Qingshan Village, Hangzhou, Zhejiang Province (located in Tiaoxi River catchment, about 160km away from the site) to treat the domestic wastewater generated by local tourism. This will reduce nitrogen and phosphorus pollution. Construction will be commenced in June 2025. It will be completed in April 2026 and generate environmental benefits.	
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 management performance with various stakeholders through phone, interviews, meeting and questionnaires, including wastewater treatment service provider, local ecological environment bureaus and enterprises, community resident, etc. For example, on 11 April 2025, the site communicates its sustainable water management performance with community resident through meeting about community water management, the site' behave on water management, etc.	
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	1. The emergency plan for sudden environmental events has been formulated, including special emergency plans for chemical and hazardous waste leakage and its disposal of cleaning waste water, waste water pipeline leakage, etc., and has been registered with local ecological environment bureau, No.3102212022/78. 2. Several emergency response SOP has established, such as Chemical Leakage Emergencie Emergency Plan. 3. A series of business continuity control procedures have been developed by referring to water quality and water supply emergencies identified by water-related infrastructure.	
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.*	Yes
Comment	In August 2024, the site updated its existing emergency response plans for typhoons and flood prevention in response to the risks posed by extreme weather under climate change. During this period, communication was conducted with the park management committee. The park's emergency response plans, the list of personnel in the command center, and an overview of flood prevention and typhoon prevention information for the park were collected. This included the contact information and communication numbers of the flood prevention contact persons for each enterprise within the park, the statistics of flood prevention materials for each enterprise, and the information on the flood prevention rescue teams for each enterprise within the park.	

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	1. The site actively cooperates with the government supervision department to conduct supervisory inspections and visits. 2. The site also shares the water quality monitoring reports of the stakeholder, such as surrounding enterprises, local goverment. 3. The site shared their AWS system and Water Stewardship Plan with local 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.	
3.2	*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 prepared 'AWS Management System Manual', which defines the water management responsibilities of each department. the site has also established a procedure to ensure the operation of the site meet the provisions of relevant laws, regulations and other requirements, DOC-15608. EHS department is in charge of collecting and reviewing the relevant laws, regulations and other requirements quarterly. The conformance evaluation is conducted quarterly by EHS department. 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 site has also established a procedure to ensure the operation of the site meet the provisions of relevant laws, regulations and other requirements, DOC-15608. EHS department is in charge of collecting and reviewing the relevant laws, regulations and other requirements quarterly. The conformance evaluation is conducted quarterly by EHS department. The site has developed a water quality monitoring plan, including discharged wastewater, domestic wastewater to ensure that the drainage water quality and pollutant concentrations meet the requirements of laws and regulations. A brief summary of monitoring point information and monitoring frequency is as follows: 1. The site has established water quality pollution management regulations, which include outsourced monitoring requirements for discharged water quality, including parameters and frequency. 2. The site has installed online monitoring facilities at the wastewater discharge outlet to monitor the parameters of the discharged wastewater in real time. 3.According to the water quality monitoring plan, the site entrusts a third-party laboratory to test its various water quality quarterly. According to the test report and analysis record provided by the site, the water quality is 100% in line with law requirement in 2024. The parameters included pH, COD, ammonia nitrogen, TN, TP, Suspended solids, sulfides, animal and vegetable oils, BOD, anionic surfactants, color/dissolved solids.	

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 improvement action list, which specifies targets, required actions, measurement, status, effectiveness evaluation, accountable and deadline, etc.
The site set a water usage rate target of 1.0L/kg for 2024. However, due to changes in product types and production volume, the target was not achieved. The actual WUR target for 2024 was 1.13L/kg. The factory set a WUR target of 1.08L/kg for 2025.

The site analysed its value creation resulting from the implementation of water stewardship plan, especially the implementation of water-saving projects.
For example, the site implemented a total of 4 water-saving projects in 2024, including arranged 3rd part water balance test; Inspection and repair of water supply pipelines and drainage pipelines; install water meters in the branch lines; final rinse of CIP water recovery.

In 2024, two water-saving projects were identified and completed, which can save approximately 2,270 tons of water per year. Total of 13 leakage points in the pipeline network were inspected and repaired, estimated to save about 60 tons of water. In total, 2,330 tons of fresh water were saved, and water costs were saved by 17,380 yuan. Through community service stations, beverages were provided to outdoor workers, benefiting 720 people.
Coca-Cola China has achieved 100% water replenishment for the entire region. The Dongtan Wetland Project in the site's catchment will replenish 838 million liters of water in 2024.

The site water balance error is 1.833% for 2024.

In 2025, the site implemented following actions to improve water balance:
1. Complete reuse of forward and backwash water.
2. Replace showerhead in the bathroom to a water-saving type.

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 has developed a Water Stewardship Plan improvement action list, which specifies targets, required actions, measurement, status, effectiveness evaluation, accountable and deadline, etc.
The site set a water usage rate target of 1.0L/kg for 2024. However, due to changes in product types and production volume, the target was not achieved. The actual WUR target for 2024 was 1.13L/kg. The factory set a WUR target of 1.08L/kg for 2025.

The site analysed its value creation resulting from the implementation of water stewardship plan, especially the implementation of water-saving projects.
For example, the site implemented a total of 4 water-saving projects in 2024, including arranged 3rd part water balance test; Inspection and repair of water supply pipelines and drainage pipelines; install water meters in the branch lines; final rinse of CIP water recovery.

In 2024, two water-saving projects were identified and completed, which can save approximately 2,270 tons of water per year. Total of 13 leakage points in the pipeline network were inspected and repaired, estimated to save about 60 tons of water. In total, 2,330 tons of fresh water were saved, and water costs were saved by 17,380 yuan. Through community service stations, beverages were provided to outdoor workers, benefiting 720 people.
Coca-Cola China has achieved 100% water replenishment for the entire region. The Dongtan Wetland Project in the site's catchment will replenish 838 million liters of water in 2024.

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	No legally-binding documentation is issued by local government authorities to the site for the re-allocation of water to social, cultural or environmental needs.	
3.3.4	*Voluntary 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	The site has also established a procedure to ensure the operation of the site meet the provisions of relevant laws, regulations and other requirements, DOC-15608. EHS department is in charge of collecting and reviewing the relevant laws, regulations and other requirements quarterly. The conformance evaluation is conducted quarterly by EHS department. The site has developed a water quality monitoring plan, including discharged wastewater, domestic wastewater to ensure that the drainage water quality and pollutant concentrations meet the requirements of laws and regulations. A brief summary of monitoring point information and monitoring frequency is as follows: 1. The site has established water quality pollution management regulations, which include outsourced monitoring requirements for discharged water quality, including parameters and frequency. 2. The site has installed online monitoring facilities at the wastewater discharge outlet to monitor the parameters of the discharged wastewater in real time. According to the water quality monitoring plan, the site entrusts a third-party laboratory to test its various water quality quarterly. According to the test report and analysis record provided by the site, the water quality is 100% in line with law requirement in 2024. The parameters included pH, COD, ammonia nitrogen, TN, TP, Suspended solids, sulfides, animal and vegetable oils, BOD, anionic surfactants, color/dissolved solids. During one internal testing of the wastewater in 2025, COD of one discharged point exceeded the limit. The site immediately applied the cause analysis and corrective action (arrange full clean of the oil separator). Then the COD complied in the internal supplementary testing. In the following internal and government monitoring wastewater testing, the results are all complied.	
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	1. The site has established water quality pollution management regulations, which include outsourced monitoring requirements for discharged water quality, including parameters and frequency. 2. The site has installed online monitoring facilities at the wastewater discharge outlet to monitor the parameters of the discharged wastewater in real time. According to the water quality monitoring plan, the site entrusts a third-party laboratory to test its various water quality quarterly. According to the test report and analysis record provided by the site, the water quality is 100% in line with law requirement in 2024. The parameters included pH, COD, ammonia nitrogen, TN, TP, Suspended solids, sulfides, animal and vegetable oils, BOD, anionic surfactants, color/dissolved solids. 3. The site has developed a management procedure for pollutant concentration in wastewater discharge and established internal control indicators that are stricter than the discharge permit. The specific details are as follows: Internal control index of discharged wastewater online monitoring: NH3-N 2 mg/L; COD 30mg/L; TP 1 mg/L; TN 5 mg/L, etc and achieving 100% of the internal control targets by 2024.	

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 1. The site respectively selects one point of the Danshui River (Rainfall receiving water body) and arranges the water quality testing by trusts external agencies twice per year (test parameters include COD, BOD, PH, dissolved oxygen, NH3-N, TP, TN) according to the national standard: Surface Water Environmental Quality Standard GB 3838-2002.
2. The factory collaborated with the Smile Tomorrow Foundation (a local NGO organization) on a water source protection project at the TaiPu River (located beside the Jinze Reservoir, one of the water sources). They promoted regenerative agriculture, controlled non-point source pollution and runoff in rural farmland areas. By establishing wetland systems, they aimed to reduce the total phosphorus and total nitrogen flowing into the water body by controlling the use of pesticides and fertilizers. The project will last from July 2025 to June 2028 and will be monitored until 2030.

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. N/A

Comment The site does not perform this indicator.

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. N/A

Comment The site does not perform this indicator.

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.* No

Comment 1. The WASH installations fully comply with the national "Hygienic Standards for the Design of Industrial Enterprises" (GBZ 1-2010) and "Standards for Drinking Water Quality" (GB5749-2022).
2. The site conducts WBCSD self-assessment to evaluate the level of onsite WASH and the final result was 2.0 (full score 2.0).
3. The site carried out a questionnaire survey on employee satisfaction regarding drinking water, sanitation, and facilities, and the site conducted correction according to the survey, such as fixing potable water machine and cleaning the toilet.
4. The site has set up a internal channel for employees in the service center, and employees can feedback their opinions on WASH.
5. The site conducts regular testing of drinking water and secondary water supply to ensure safe drinking water.
6. The site has formulated the water dispenser management procedure, OHE0019, which includes requirements for water quality monitoring, regular maintenance, daily cleaning and disinfection, and relevant records are retained for tracking.

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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	In November 2024, the site collaborated with surrounding enterprises to set up a "love station" in the community and provided a place for rest for sanitation workers and other personnel, as well as offering beverages and meals.	
3.6.4	*Voluntary 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 use targets have been set in the water stewardship plan. 1. The site conducted a questionnaire survey on its existing suppliers (top 8) and analyzed their indirect water use based on the survey questionnaire. 2. The site has screened suppliers /service providers' IPE violation records (2 onsite service providers). No violation is found. 3. Conduct annual water efficiency training to suppliers to enhance suppliers' water-saving awareness. The training was done in Dec. 2024. At the beginning stage, the site was trying to raise the awareness of the supplier. For future, the site will try to sample suppliers and encourage them to implement water saving actions.	
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 use targets have been set in the water stewardship plan. 1. The site conducted a questionnaire survey on its existing suppliers (top 8) and analyzed their indirect water use based on the survey questionnaire. 2. The site has screened suppliers /service providers' IPE violation records (2 onsite service providers). No violation is found.	
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.*	N/A
Comment	The site does not perform this indicator.	
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 meeting 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 a 'AWS Management System Manual' to standardize its water management activities. The site has established an Environment and Water Stewardship Committee to coordinate its environmental and water management related affairs. An organization chart of the environment and water stewardship management team is included in the AWS management manual of the site. 2. In June 2023, the site invited a third party to carry out a half-day training on AWS standards to help it implement and improve its water management system.	
3.9.2	*Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.*	Yes
Comment	The site has developed a Water Stewardship Plan improvement action list, which specifies targets, required actions, measurement, status, effectiveness evaluation, accountable and deadline, etc. The site set a water usage rate target of 1.0L/kg for 2024. However, due to changes in product types and production volume, the target was not achieved. The actual WUR target for 2024 was 1.13L/kg. The factory set a WUR target of 1.08L/kg for 2025. The site analysed its value creation resulting from the implementation of water stewardship plan, especially the implementation of water-saving projects. For example, the site implemented a total of 4 water-saving projects in 2024, including arranged 3rd part water balance test; Inspection and repair of water supply pipelines and drainage pipelines; install water meters in the branch lines; final rinse of CIP water recovery. In 2024, two water-saving projects were identified and completed, which can save approximately 2,270 tons of water per year. Total of 13 leakage points in the pipeline network were inspected and repaired, estimated to save about 60 tons of water. In total, 2,330 tons of fresh water were saved, and water costs were saved by 17,380 yuan. Through community service stations, beverages were provided to outdoor workers, benefiting 720 people. Coca-Cola China has achieved 100% water replenishment for the entire region. The Dongtan Wetland Project in the site's catchment will replenish 838 million liters of water in 2024.	
3.9.3	*Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.*	Yes

Comment

The site has also established a procedure to ensure the operation of the site meet the provisions of relevant laws, regulations and other requirements, DOC-15608. EHS department is in charge of collecting and reviewing the relevant laws, regulations and other requirements quarterly. The conformance evaluation is conducted quarterly by EHS department.
The site has developed a water quality monitoring plan, including discharged wastewater, domestic wastewater to ensure that the drainage water quality and pollutant concentrations meet the requirements of laws and regulations. A brief summary of monitoring point information and monitoring frequency is as follows:
1. The site has established water quality pollution management regulations, which include outsourced monitoring requirements for discharged water quality, including parameters and frequency.
2. The site has installed online monitoring facilities at the wastewater discharge outlet to monitor the parameters of the discharged wastewater in real time.
According to the water quality monitoring plan, the site entrusts a third-party laboratory to test its various water quality quarterly. According to the test report and analysis record provided by the site, the water quality is 100% in line with law requirement in 2024. The parameters included pH, COD, ammonia nitrogen, TN, TP, Suspended solids, sulfides, animal and vegetable oils, BOD, anionic surfactants, color/dissolved solids.

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

1. The site respectively selects one point of the Danshui River (Rainfall receiving water body) and arranges the water quality testing by trusts external agencies twice per year (test parameters include COD, BOD, PH, dissolved oxygen, NH3-N, TP, TN) according to the national standard: Surface Water Environmental Quality Standard GB 3838-2002.
2. The factory collaborated with the Smile Tomorrow Foundation (a local NGO organization) on a water source protection project at the TaiPu River (located beside the Jinze Reservoir, one of the water sources). They promoted regenerative agriculture, controlled non-point source pollution and runoff in rural farmland areas. By establishing wetland systems, they aimed to reduce the total phosphorus and total nitrogen flowing into the water body by controlling the use of pesticides and fertilizers. The project will last from July 2025 to June 2028 and will be monitored until 2030.

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) and "Standards for Drinking Water Quality" (GB5749-2022).
2. The site conducts WBCSD self-assessment to evaluate the level of onsite WASH and the final result was 2.0 (full score 2.0).
3. The site carried out a questionnaire survey on employee satisfaction regarding drinking water, sanitation, and facilities, and the site conducted correction according to the survey, such as fixing potable water machine and cleaning the toilet.
4. The site has set up a internal channel for employees in the service center, and employees can feedback their opinions on WASH.
5. The site conducts regular testing of drinking water and secondary water supply to ensure safe drinking water.
6. The site has formulated the water dispenser management procedure, OHE0019, which includes requirements for water quality monitoring, regular maintenance, daily cleaning and disinfection, and relevant records are retained for tracking.

3.9.6 *Voluntary Advanced Indicator*
Achievement of identified best practice related to targets in terms of good water governance shall be quantified.

N/A

Comment

The site does not perform this indicator.

3.9.7	*Voluntary Advanced Indicator* *Achievement of identified best practice related to targets in terms of sustainable water balance shall be quantified.*	Yes
Comment	The site set a water usage rate target of 1.0L/kg for 2024. However, due to changes in product types and production volume, the target was not achieved. The actual WUR target for 2024 was 1.13L/kg. The factory set a WUR target of 1.08L/kg for 2025. The site analysed its value creation resulting from the implementation of water stewardship plan, especially the implementation of water-saving projects. For example, the site implemented a total of 4 water-saving projects in 2024, including arranged 3rd part water balance test; Inspection and repair of water supply pipelines and drainage pipelines; install water meters in the branch lines; final rinse of CIP water recovery. In 2024, two water-saving projects were identified and completed, which can save approximately 2,270 tons of water per year. Total of 13 leakage points in the pipeline network were inspected and repaired, estimated to save about 60 tons of water. In total, 2,330 tons of fresh water were saved, and water costs were saved by 17,380 yuan. Through community service stations, beverages were provided to outdoor workers, benefiting 720 people. Coca-Cola China has achieved 100% water replenishment for the entire region. The Dongtan Wetland Project in the site's catchment will replenish 838 million liters of water in 2024.	
3.9.8	*Voluntary Advanced Indicator* *Achievement of identified best practices related to targets in terms of water quality shall be quantified*	Yes
Comment	1. The site has established water quality pollution management regulations, which include outsourced monitoring requirements for discharged water quality, including parameters and frequency. 2. The site has installed online monitoring facilities at the wastewater discharge outlet to monitor the parameters of the discharged wastewater in real time. According to the water quality monitoring plan, the site entrusts a third-party laboratory to test its various water quality quarterly. According to the test report and analysis record provided by the site, the water quality is 100% in line with law requirement in 2024. The parameters included pH, COD, ammonia nitrogen, TN, TP, Suspended solids, sulfides, animal and vegetable oils, BOD, anionic surfactants, color/dissolved solids.	
3.9.9	*Voluntary 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 site does not perform this indicator.	
3.9.10	*Voluntary 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) and "Standards for Drinking Water Quality" (GB5749-2022). 2. The site conducts WBCSD self-assessment to evaluate the level of onsite WASH and the final result was 2.0 (full score 2.0).	
3.9.11	*Voluntary Advanced Indicator* *A list of efforts to spread best practices shall be identified.*	N/A
Comment	The site does not perform this indicator.	
3.9.12	*Voluntary 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. In 2025, The factory collaborated with the Future smile Charitable Foundation to establish two small-scale wetlands in Qingshan Village, Hangzhou, Zhejiang Province to treat the domestic wastewater generated by local tourism. This will reduce nitrogen and phosphorus pollution. Construction will be commenced in June 2025. It will be completed in April 2026 and generate environmental benefits. 2. Since 2018, the site has provided financial support for WFF to carry out wetland water level management in Beibayao site of Chongming Dongtan National Nature Reserve, Shanghai. This project will continue until 2033, and an annual calculation will be conducted by a professional third party. 3. The factory collaborated with the Smile Tomorrow Foundation (a local NGO organization) on a water source protection project at the TaiPu River (located beside the Jinze Reservoir, one of the water sources). They promoted regenerative agriculture, controlled non-point source pollution and runoff in rural farmland areas. By establishing wetland systems, they aimed to reduce the total phosphorus and total nitrogen flowing into the water body by controlling the use of pesticides and fertilizers. The project will last from July 2025 to June 2028 and will be monitored until 2030.

3.9.13	*Voluntary 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.*	N/A
Comment	The site does not perform this indicator.	

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 Water Stewardship Plan specifies the requirements of evaluating site performance and its contribution to achieving water stewardship results based on the objectives of the water stewardship plan. The 2025 water stewardship plan has 17 objectives.
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.
A management review was conducted on 22 January 2025 to summarize the overall environmental performance in 2024, and the environmental performance in 2024 was summarized, which included water stewardship. review water stewardship plan and check each performance of targets in the plan.

4.1.2 *Value creation resulting from the water stewardship plan shall be evaluated.*

Yes

Comment: The site analysed its value creation resulting from the implementation of water stewardship plan, especially the implementation of water-saving projects.
For example, in 2024, two water-saving projects were identified and completed, which can save approximately 2,270 tons of water per year. Total of 13 leakage points in the pipeline network were inspected and repaired, estimated to save about 60 tons of water. In total, 2,330 tons of fresh water were saved, and water costs were saved by 17,380 yuan. Through community service stations, beverages were provided to outdoor workers, benefiting 720 people. Coca-Cola China has achieved 100% water replenishment for the entire region. The Dongtan Wetland Project in the site's catchment will replenish 838 million liters of water in 2024.

4.1.3 *The shared value benefits in the catchment shall be identified and where applicable, quantified.*

Yes

Comment: Provide knowledge sharing to supply chain in and outside the catchment to pay attention to or carry out AWS, enhance their understanding of AWS, and provide support for suppliers in AWS management activities.
The site analysed its value creation resulting from the implementation of water stewardship plan, especially the implementation of water-saving projects.
For example, in 2024, two water-saving projects were identified and completed, which can save approximately 2,270 tons of water per year. Total of 13 leakage points in the pipeline network were inspected and repaired, estimated to save about 60 tons of water. In total, 2,330 tons of fresh water were saved, and water costs were saved by 17,380 yuan. Through community service stations, beverages were provided to outdoor workers, benefiting 720 people. Coca-Cola China has achieved 100% water replenishment for the entire region. The Dongtan Wetland Project in the site's catchment will replenish 838 million liters of water in 2024.

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	Mr. Yang, the top management of the site attended the management review of 2024 environmental performance in January 2025, participated in the discussion of the review meeting, and was responsible for signing off the results of the review. The meeting minutes are kept.	
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	The site presents its emergency response procedure and plan identifying proposed preventive and corrective actions, as well as measures to mitigate future incidents. No water-related emergencies and extreme events occurred at the site in recent years.	
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	The site communicates its sustainable water management performance with various stakeholders through wechat account, symposiums, interviews, and questionnaires, including wastewater treatment service providers, local ecological environment bureaus, client and enterprises. Conduct water management training for suppliers with high water risk. Total of 2 onsite service suppliers participated in the training. 1 hazardous waster treatment vendor got the training material.	
4.3.2	*Voluntary 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.*	N/A
Comment	The site does not perform this indicator.	
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 a 'AWS Management System 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.	

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 AWS program organizational structure at the bulletin board of the site's entrance and posted at the safety guard room, including the positions of those accountable for compliance with water-related laws and regulations.
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 2024, including quantified performance against targets at the bulletin board of the site's entrance and posted at the safety guard room. The site also sent the water stewardship performance of 2024 to stakeholders one to one.
5.3.2	*Advanced Indicator* *The site's efforts to implement the AWS Standard shall be disclosed in the organization's annual report.* — N/A
Comment	The site does not perform this indicator.
5.3.3	*Voluntary 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 at the bulletin board of the site's entrance and posted at the safety guard room. The site also sent the shared water-related challenges and the effort to stakeholders one to one.

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 shared water-related challenges and the effort to address shared water challenges at the bulletin board of the site's entrance and posted at the safety guard room. The site also sent the shared water-related challenges and the effort to stakeholders one to one. 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	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	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 immediately communicated to relevant public.	

Previous Findings

	All non-conformities raised in the previous audit have been satisfactorily closed.	N/A
Comment	N/A due to this is Initial Certification Audit.	