CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-001280

WSAS WATER STEWARDSHIP ASSURANCE SERVICES

SITE DETAILS

Site: **Tianjin TSKF Pharmaceutical Co., Ltd.**
Address: Chenglinzhuang Industrial Zone, Dongli District, 300163, Tianjin, Tianjin, P.R. CHINA
Contact Person: Ruichao Zhou
AWS Reference Number: AWS-000713
Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Core
Date of certification decision: 2024-Dec-04
Validity of certificate: 2027-Dec-03

AUDIT DETAILS

Audited Service(s): AWS Standard v2.0 (2019)
Audit Type(s): Initial Audit
Audit Start Date: 2024-Aug-19
Lead Auditor: Lingyun Yu

Audit team participants:
Harinder Yue, Observer

Site Participants:
Xuexin Zhang, Utilities and Facilities Engineer
Jun Jin, Utilities and Facilities Manager
Hongxia Guo, Utilities and Facilities Supervisor
Zheng Cao, EHS Engineer
Eric Zheng, EHS & Engineering Director
Merry Wang, EHS Manager

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ADDITIONAL INFO

Summary of Audit Findings: A total of 6 findings were raised during the certification audit, 0 major non-conformities, 6 minor non-conformities, and 0 observations.

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 30 days of receipt of the audit report by 20/09/2024.

Minor non-conformities must be closed out by the time of the next annual audit.

The audit team recommends certification of Tianjin TSKF Pharmaceutical Co., Ltd. at Core level pending approval of the corrective actions plan.

Scope of Assessment: The scope of services covers the Initial certification audit for assessing the conformity of Tianjin TSKF Pharmaceutical Co., Ltd. against the AWS International Water Stewardship Standard Version 2.

Tianjin TSKF Pharmaceutical Co., Ltd. is a Sino-foreign joint venture pharmaceutical company located at No. 270 Chenglin Road, Dongli District, Tianjin. The company was established on September 23, 1984, and primarily manufactures and sells Western medicine capsules, tablets, ointments, and other pharmaceutical products. The total area of the company is 63,162.9 square meters, with a total construction area of 29,871.81 square meters, mainly including office buildings, production plants, and guard rooms.

The audit was conducted onsite from 2024.08.19 to 2024.08.21.
The onsite audit activities included the site visit covering production lines, wastewater treatment plant, chemical warehouse and IWRA, stakeholder interviews, and document review.

FINDINGS

NUMBER OF FINDINGS PER LEVEL

Minor	6

FINDING DETAILS

Finding No:	TNR-013426
Checklist Item No:	1.2.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Aug-20
Checklist item:	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.
Findings:	The site has not yet established a stakeholder identification and communication procedure to clarify the process of stakeholder identification and define the scope of influence around the site.
Corrective action:	The site plans to formulate and improve the AWS management manual, establishing procedures for stakeholder identification and communication.

Finding No:	TNR-013427
Checklist Item No:	1.6.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Aug-20
Checklist item:	Shared water challenges shall be identified and prioritized from the information gathered.
Findings:	The shared water challenge is more based on the site's own investigation and analysis, and the site did not fully consult with stakeholders.
Corrective action:	The site plans to perform a comprehensive consultation with the stakeholders via multiple method including questionaries, seminar and visit etc., and use the information via the consultation to re-evaluate the share water challenges.

Finding No:	TNR-013428
Checklist Item No:	3.5.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Aug-20
Checklist item:	Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.
Findings:	The site has not yet implemented actions within its sustainable water stewardship plan to maintain and/or improve IWRAs.
Corrective action:	The site plans to update its water management plan and implement the actions of IWRA.

Finding No:	TNR-013437
Checklist Item No:	3.7.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Aug-20
Checklist item:	Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.
Findings:	The site has not quantified the achievement of indirect water use targets in its water stewardship plan.
Corrective action:	The site plans to organize sustainable water management training for key suppliers and promote the establishment of their own water balance goals, fostering consensus with suppliers on their water management objectives.

Finding No:	TNR-013438
Checklist Item No:	3.7.2
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Aug-20
Checklist item:	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.
Findings:	The site has not yet confirmed collaborations with suppliers and service providers regarding indirect water use, nor has it confirmed actions taken by them within the catchment as a result of the site's involvement.
Corrective action:	The site plans to organize sustainable water management training for key suppliers and promote the establishment of their own water balance goals, fostering consensus with suppliers on their water management objectives.

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Finding No:	TNR-013439
Checklist Item No:	3.9.4
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Aug-20
Checklist item:	Actions towards achieving best practice, related to targets in terms of the site’s maintenance of Important Water-Related Areas shall be implemented.
Findings:	The site has not implemented actions towards achieving best practice, related to targets in terms of the site's maintenance of IWRAs
Corrective action:	The site plans to update its water management plan and implement the actions of IWRA.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-001280

WSAS WATER STEWARDSHIP ASSURANCE SERVICES

Report Details

Report	Value
Report prepared by	Lingyun Yu
Report approved by	Mia Antoni-Naidoo
Report approved on (Date)	4 December 2024

Surveillance

Proposed date for next audit
2025-Aug-20

Stakeholder Announcements

Date of publication	Location
11/06/2024	https://www.haleon.com.cn/news/press-releases/news8/index.html
17/06/2024	https://www.tuv.com/content-media-files/greater-china/about-us/downloads/management-systems/aws-stakeholder-announcement-sino-american-tianjin-smith-kline-and-french-lab.-ltd.pdf

Catchment Information

catchment boundary map.png

Catchment Information
The site is located at the Haihe River.

The Haihe River Basin is one of the most important river systems in Northern China, covering an area of approximately 318,000 square kilometers. It encompasses the Haihe River itself, along with several major tributaries, including the North Canal, the South Canal, the Yongding River, the Daqing River, the Ziya River, and the Luan River. The basin stretches across four provinces and municipalities, including Beijing, Tianjin, Hebei, and Shanxi, and it is a vital source of water for the region's agricultural, industrial, and domestic needs.

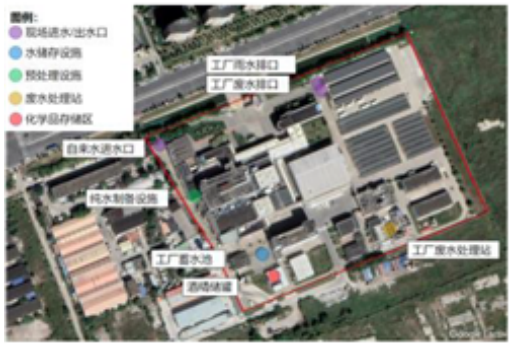
Geographically, the Haihe River Basin is situated in the northern part of the North China Plain. It has a temperate monsoon climate characterized by hot, rainy summers and cold, dry winters.

Ecologically, the Haihe River Basin faces significant challenges due to water pollution and over-extraction of water resources. The region has been grappling with water scarcity issues, which have been exacerbated by climate change, rapid urbanization, and industrialization. To address these issues, various water management and conservation efforts have been implemented, including the construction of reservoirs, water diversion projects, and the enforcement of stricter environmental regulations.

The Haihe River Basin is also home to several protected areas and nature reserves that are critical for biodiversity conservation. It supports a diverse range of flora and fauna, although pollution and habitat loss have put pressure on these ecosystems.

In summary, the Haihe River Basin is a critical water resource for Northern China, providing essential water for drinking, agriculture, and industry. It faces environmental challenges that require ongoing management and conservation efforts to ensure its sustainability for future generations.

Client Description and Site Details



site boundary map.png

Client/Site Background

Tianjin TSKF Pharmaceutical Co., Ltd. is a Sino-foreign joint venture pharmaceutical company located at No. 270 Chenglin Road, Dongli District, Tianjin. The company was established on September 23, 1984, and primarily manufactures and sells Western medicine capsules, tablets, ointments, and other pharmaceutical products. The total area of the company is 63,162.9 square meters, with a total construction area of 29,871.81 square meters, mainly including office buildings, production plants, and guard rooms.

Summary of Shared Water Challenges

Summary of Shared Water Challenges

The site identified the following shared challenges within the catchment by conducting surveys, including:

1. Priority as high, water resources are relatively scarce, and there are no available groundwater resources that can be used,
2. Priority as high, the water quality in the water source area is unstable, and the water quality deteriorates during the flood season,
3. Priority as high, the flood risk within the catchment is relatively high,
4. Priority as low, there is a risk of drought within the catchment.

0.1	**General Requirements for Single Sites, Multi-Sites and Groups**	
0.1.1	*Eligibility Criteria*	
0.1.2		
0.1.2.1	*Have any water source locations and water-related discharge locations been visited during the audit, if so, which and where? If none were visited please provide justification.*	No
Comment	The water source and wastewater treatment infrastructure are far from the site, making it impossible for the audit team to include them in the visit schedule.	
0.1.1.1	*The site(s) occupy one catchment OR an exception has been granted.*	Yes
Comment	The site occupies one catchment.	
0.1.1.2	*The scope of the proposed certification shall be under the control of a single management system.*	Yes
Comment	The scope of the proposed certification is under the control of a single management system.	
0.1.1.3	*The scope of the proposed certification shall be homogeneous with respect to primary production system, water management, product or service range, and the main market structures.*	Yes
Comment	The scope of the proposed certification is under the control of a single management system.	

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 water plant (Tianjin Xinkai River water plant) and its ultimate water source (Danjiangkou Reservoir, It relies on the middle route of the South-to-North Water Diversion project), municipal WWTP (Dongjiao sewage treatment plant) and its ultimate receiving water body (Beitang drainage 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.*	✗ No
Comment	The site has identified stakeholders such as the government, employees, NGOs, surrounding residents, 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.	

Finding No: TNR-013426

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, the degree of influence between site and stakeholder has been identified of 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 Tianjin Ecological Environment Bureau, 120110000-2021-409-L 2. Emergency plan for natural disasters, identifying response processes for natural disasters such as floods and earthquakes, ERP-18, 20 3. Emergency procedures for overflow of domestic wastewater, ERP-26 4. Emergency response process for high-concentration water pipe damage and sewage overflow, ERP-27 5. Emergency response process for chemical spills, ERP-01, 02, 03, 04, 16 6. Emergency plan related to water supply, TSK&F_CRP_003 7. Emergency Plan for Wastewater Treatment Station, TSK&F_CRP_012	
1.3.2	*Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped*	Yes
Comment	The site has installed a digital water meter system to measure water consumption in real-time in various key departments (such as boilers, pure water stations, cooling water towers, canteen, and each floor of the workshop). The site used these data to draw the water balance map including inflows, losses, storage, and outflows, and analysis the water consumption trends on a weekly basis. May 2023, the site commissioned a third-party organization to conduct water balance testing, complied with the "General Principles of Water Balance Test in Enterprises (GB/T12452-2008)", a China national standard, which identifies water inflow, losses, storage, and drainage, including production water, domestic water, boiler for utility, water for greenery, 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 digital water meter system to measure water consumption in real-time in various key departments (such as boilers, pure water stations, cooling water towers, canteen, and each floor of the workshop). The site used these data to draw the water balance map including inflows, losses, storage, and outflows, and analysis the water consumption trends on a weekly basis. The auditor reviewed the summary table of the water sources and supplies used by the site during in 2020 to 2023, so the variances could be identified.	

1.3.4	*Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.*	Yes
Comment	The site pays attention to the municipal water quality by checking the official website of the water supplier monthly. The site has developed a water-related quality monitoring plan, including, soil and groundwater, discharged wastewater, and drinking water, for example: • Industrial wastewater: Entrust external laboratories to test the discharged industrial wastewater every quarter. Install online monitoring facilities to monitor COD, PH, and ammonia nitrogen in real-time. • There are 7 groundwater monitoring points and 4 soil monitoring points in the site area, which are monitored once a year. • Self-made pure water: The site has developed the "Sampling and Testing Procedure for Process Water" SOP0813, and regularly tests parameters such as microorganisms, pH, chloride ions, heavy metals, nitrates, etc. to ensure that the pure water meets production and drinking requirements. There are a total of 43 pure water sampling points on the site, involving production workshops, water pipelines, and drinking water facilities. According to standards: Pure water standards in the pharmaceutical industry, such as the Chinese Pharmacopoeia, European Pharmacopoeia, and United States Pharmacopoeia. • Incoming municipal water: The site entrusts a third-party laboratory to monitor the incoming municipal water every year and conducts internal testing of bacterial content on a monthly basis.	
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	As per site tour, document review and interview, no IWRA is within the site.	
1.3.7	*Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.*	Yes
Comment	The water-related costs sheet was provided for review, including: 1. Water supply costs 2. Cost of wastewater discharge rights 3. Cost of Water/Wastewater Treatment (including electricity of pumps, consumables, depreciation and maintenance of facilities, etc.) 4. Water/wastewater/rainwater quality testing, peripheral water testing. Operation and maintenance of wastewater online testing facilities 5. AWS related expenses 6. Boiler operating cost, chilled water operating cost The site identified water-related cost data from 2020 to 2024 and analyzed the trends. 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	As per the Evaluation Report on the Effectiveness of Occupational Disease Hazard Control The facilities such as changing rooms/showers, bathrooms, restaurants, etc. comply with the requirements of the Hygiene Standards for Industrial Enterprises (GBZ 1-2002). The site also tracks testing results of different drinking water sources, the test frequencies are shown below: • The site has developed the "Sampling and Testing Procedure for Process Water" SOP0813 and regularly tests parameters such as microorganisms, pH, chloride ions, heavy metals, nitrates, etc. to ensure that the pure water meets production and drinking requirements. There are a total of 43 pure water sampling points on the site, involving production workshops, water pipelines, and drinking water facilities. According to standards: Pure water standards in the pharmaceutical industry, such as the Chinese Pharmacopoeia, European Pharmacopoeia, and United States Pharmacopoeia. • The site entrusts a third-party laboratory to monitor the incoming municipal water every year and conducts internal testing of bacterial content on a monthly basis. As per the testing report, the quality complied with the related standards.	
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 identified and screened the top 15 suppliers with transaction amounts. and through the investigation, they collected water consumption information from suppliers. In addition to the above information, the site also evaluates the risk of indirect water based on the supplier's water usage, water source, wastewater quality, environmental violation records, WWF water risk screening results, etc.	
1.4.2	*The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.*	Yes
Comment	The site also collects the water consumption of its outsourced services such as hazardous waste and non-hazardous waste disposal units, waste transport service provider through interviews.	
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 was identified in Catchment Background Survey Report by the site. The initiatives included national, provincial and local level, 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	The site presents a laws and regulations list that contains all legal actions. The document is used by the site to monitor the status of each of the site's legal obligations. By using a third-party platform, the site can promptly obtain regulatory updates and conduct monthly reviews.	

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 water balance of the catchment is not available. The Catchment Background Survey Report uses the water balance data of Tianjin City as a simulation.

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), total water supply (m3), and total water consumption(m3). All the data is collected from government websites and publishing reports.
According to the analysis of water balance data in the catchment, the water resources in the catchment are relatively scarce, and there are no available groundwater resources in Tianjin city. The distribution of available water resources (such as surface water and rainwater) is extremely uneven throughout the year, with water production mainly concentrated during the main flood season (July and August every year). Due to the high degree of concentration, it is not conducive to the development and utilization of water resources. Therefore, Tianjin's water use mainly relies on external water sources.

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

Yes

Comment

The Catchment Background Survey Report provides a detailed analysis of water quality for the catchment. The site obtained the related information from the government website. (Mainly from the Environmental and Ecological Bureau).
The data includes the water quality of the water source, the final discharged water body, and the water from the municipal water plant.
The data will be published monthly or annually, therefore, the annual variances could be identified.

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 site identified the IWRAs via following methods:
• Maps and satellite images
• Public information platform - water conservancy geography consulting service platform, including 'Ecological protection red line of Tianjin city', and' Ecological environment zoning of three lines and one list'.
• Reports, plans, etc. issued by regulatory and environmental agencies and water service providers
• Awareness of the site itself

The Catchment Background Survey Report lists the Important Water-Related Area of the catchment, including:
Mainstream of Haihe River
Bohai Sea
Beitang Drainage River
Yongdingxinhe River
Yuqiao Water Reservoir
Erwangzhuang Water Reservoir
The status of the IWRAs is collected from the management authorities.

1.5.6 *Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.*

Yes

Comment	The Catchment Background Survey Report lists the existing and planned water-related infrastructure including water supply and wastewater treatment, emergency response at provincial, catchment, and city levels, and water-related objectives. Based on the available information, the water-related infrastructure of water supply, wastewater treatment, and drainage pipeline are sufficient.	
1.5.7	*The adequacy of available WASH services within the catchment shall be identified.*	Yes
Comment	The site obtained the WASH status in Tianjin from Tianjin Statistical Yearbook for 2022, including the tap water penetration rate, wastewater treatment rate, and other data. Overall, the WASH services are good in Tianjin City.	
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.*	No
Comment	The site identified the following shared challenges within the catchment by conducting surveys, the identified site including: 1. Priority as high, water resources are relatively scarce, and there are no available groundwater resources that can be used, 2. Priority as high, the water quality in the water source area is unstable, and the water quality deteriorates during the flood season, 3. Priority as high, the flood risk within the catchment is relatively high, 4. Priority as low, there is a risk of drought within the catchment. ***Finding No: TNR-013427***	
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 public initiatives and the site's action plan.	
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 has identified its water-related risks and has summarized them in a comprehensive spreadsheet. These risks have been categorized into physical risk, regulatory risk, and reputation risk. The spreadsheet provides a detailed list of the water risks faced by the organization, accompanied by scores for the frequency of the risk and the severity of the impact. These scores are methodically multiplied to accurately evaluate the level of risk. Additionally, the spreadsheet includes thorough assessments of potential impacts and well-defined control measures for each risk.	
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 six significant business opportunities for potential participation. These opportunities encompass cost-saving initiatives, image enhancement strategies, and sustainable enterprise operation practices. Furthermore, these opportunities have been carefully ranked according to their respective importance.	

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

1.8.1 *Relevant catchment best practice for water governance shall be identified.* ✓ Yes

Comment: The site has identified best practices for catchment water governance, which include the following:
- Implementation of a comprehensive water stewardship plan that undergoes regular review and updating.
- Provision of training for employees on water stewardship principles.
- Engagement with stakeholders to advocate for water stewardship.
- Communication of the organization's water stewardship efforts to set a leading example for others.

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:
- Adhering to the most stringent standard for water consumption in the cleaner production audit conducted at the site.
- Meeting the advanced level of water consumption per unit product as per the Tianjin industrial water quota C272 industry standard.
- Implementing the collection and utilization of rainwater.
- Conducting annual evaluations of the current best available technologies in the industry.
- Establishing a wastewater recycling system and continuously exploring the possibility of wastewater reuse.

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 pertinent sector and/or catchment best practices for water quality, which include the following:
- Assessment of the most current and effective technologies for reducing pollutant emissions;
- Establishment of internal control standards that are more stringent than discharge permits for industrial wastewater.

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:
- Conduct health and biodiversity surveys on IWRA
- Promotion and protection of important water-related areas (IWRA)
- Support maintenance of off-site Important Water Related Areas (IWRA) in good condition
- Carry out collective action to advocate for the restoration or protection of 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
• Voluntary sector of GBZ 1-2010 Hygienic standards for the design of industrial enterprises
• E4 Legionella and other Biological Agents control in water systems of the site

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 has been displayed on Haleon's website. https://www.haleon.com.cn/news/press-releases/index.html	
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	1. The site has established a procedure to ensure the operation of the site to meet the provisions of relevant laws, regulations and other requirements. MS-E&S-12 2. By using a third-party service platform, the site can identify applicable water related legal and regulatory requirements in a timely manner.	
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, such as a good water management system, sustainable water balance, good water quality, important water-related areas, etc. to ensure the organization towards good water stewardship in line with this AWS standard.	
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 Water Stewardship Plans for the years 2023 and 2024. These plans delineate specific KPIs, required actions, measurement criteria, status updates, effectiveness evaluations, and accountability deadlines. The Water Stewardship Plans align with five primary outcomes of AWS, including good water governance, sustainable water balance, good water quality status, IWRA, and WASH. The key actions outlined in the plans include:

- Establishment of a water management team and creation of an AWS management manual to systematically execute sustainable water management.
- Provision of sustainable water management training for all employees to enhance their understanding of the systematic structure of the water resource management system and the influence of their actions on water management performance.
- Optimization of process parameters and maintenance procedures to curtail water consumption and wastewater generation.
- Enhancement of non-contact process cooling water and condensate recovery systems to augment water reuse.
- Improvement of the wastewater treatment system by incorporating treatment systems/equipment to bolster wastewater treatment capabilities and diminish pollutant concentration in discharged wastewater.
- Collaboration with stakeholders to safeguard IWRA through initiatives such as ecological protection advocacy and river debris cleanup.
- Development of standardized processes to elevate the management, maintenance, and testing activities of water coolers, sanitary facilities, and storage tanks.

2.4 *Demonstrate the site's responsiveness and resilience to respond to water risks*

2.4.1 *A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.*

Yes

Comment

The site has conducted an extensive assessment of its water-related risks, encompassing areas such as water governance, sustainable water balance, and water quality. Following the risk analysis, the site has prioritized these risks based on their potential impact, likelihood within a given timeframe, and difficulty of detection. In response to these identified risks, the site has developed corresponding strategies to mitigate them. These strategies include the development of business continuity control procedures that specifically address water quality and water supply emergencies related to water infrastructure. Additionally, the site has established a communication mechanism with the water supply agency to ensure close coordination in the event of incidents affecting water supply or quality. Furthermore, the site has formulated an emergency plan for sudden environmental events, encompassing special provisions for chemical and hazardous waste leakage, as well as the disposal of cleaning wastewater and wastewater pipeline leakage. This plan has been duly registered with the local Ecological Environment Bureau. Moreover, a mutual aid agreement has been established with a neighboring enterprise to facilitate the sharing of emergency response plans and resources in the event of environmental emergencies.

3	STEP 3: IMPLEMENT - Implement the site's stewardship plan and improve impacts	
3.1	*Implement plan to participate positively in catchment governance.*	
3.1.1	*Evidence that the site has supported good catchment governance shall be identified.*	Yes
Comment	The site actively cooperates with the government supervision department to conduct supervisory inspections and visits. Under the initiative of the local government, the site and some local enterprises actively promote corporate social responsibility and carry out actions in the fields of environment, safety and occupational health	
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 established a procedure to ensure the operation of the site to meet the provisions of relevant laws, regulations and other requirements. And conducts compliance evaluation on laws and regulations every year and keeps records.	
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 features a comprehensive compilation of laws and regulations covering all pertinent legal obligations. This document acts as a tool for monitoring the site's compliance status with legal requirements. By utilizing a third-party platform, the site can promptly obtain updates on laws and regulations. The site conducts a review of the list on a monthly basis. The site has acquired a discharge permit and implemented a water quality monitoring plan as follows: - Groundwater: Groundwater: Seven monitoring points are in place, with annual monitoring. - Soil: Four monitoring points are in place, with annual monitoring. - Effluent discharge: Monitoring is conducted by external agencies according to the discharge permit (quarterly/semi-annually); an online monitoring system has been installed for real-time monitoring of pH, flow rate, ammonia nitrogen, and COD.	
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 Water Stewardship Plans for the years 2023 and 2024, outlining targets, actions, measurements, progress updates, effectiveness evaluations, and accountable departments. The site consistently monitors its water balance performance and establishes ambitious goals to steer continuous improvement year after year. A series of water balance optimization measures have been devised and executed, including: - Installation of smart water meters on crucial water-using equipment/departments and establishment of an online data management system for real-time monitoring of water usage. - Intention to engage third-party organizations to conduct annual water balance tests from 2023 to 2025, identifying trends in water balance on an annual and seasonal basis. - Optimization of the conductivity control system of the cooling water tower and incorporation of automated control devices to minimize water loss. - Retrofitting of the process cooling water system to curtail water consumption. The site monitors the progress of its water balance targets and the implementation of measures on a monthly basis.	
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	According to the site's tracking data: Water consumption per ton of product: 2020: 29.39; 2021: 25.93; 2022: 22.63; 2023: 16.47 cubic meters.	
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.	
3.4	*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.*	Yes
Comment	Water quality objectives have been set and are being continuously tracked. To continuously improve the quality of its discharged water and minimize the environmental impact of its wastewater discharge, the site has established internal control indicators that are stricter than the wastewater discharge permit requirements and has set its water quality targets at 80% of the pollution discharge permit thresholds. Corresponding water quality improvement measures have been proposed and implemented, such as: - Installing online monitoring systems for COD, pH, ammonia nitrogen, and flow rate of the effluent to monitor sewage water quality information in real-time. - Developing cleaning plans for cooling water and domestic water tanks, as well as maintenance plans for wastewater ponds and sewage networks, and completing the maintenance. - Upgrading wastewater treatment facilities by adding UASB (anaerobic treatment) and MBR (membrane bioreactor) systems to enhance the treatment capacity of wastewater. According to the site's water quality monitoring records, the site's water quality results for the year 2023 were 100% in compliance with its internal control standards.	
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

Water quality objectives have been set and are being continuously tracked. To continuously improve the quality of its discharged water and minimize the environmental impact of its wastewater discharge, the site has established internal control indicators that are stricter than the wastewater discharge permit requirements and has set its water quality targets at 80% of the pollution discharge permit thresholds. Corresponding water quality improvement measures have been proposed and implemented, such as:
- Installing online monitoring systems for COD, pH, ammonia nitrogen, and flow rate of the effluent to monitor sewage water quality information in real-time.
- Developing cleaning plans for cooling water and domestic water tanks, as well as maintenance plans for wastewater ponds and sewage networks, and completing the maintenance.
- Upgrading wastewater treatment facilities by adding UASB (anaerobic treatment) and MBR (membrane bioreactor) systems to enhance the treatment capacity of wastewater. According to the site's water quality monitoring records, the site's water quality results for the year 2023 were 100% in compliance with its internal control standards.

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.*

No

Comment

The site has not yet implemented actions within its sustainable water stewardship plan to maintain and/or improve IWRAs.

Finding No: TNR-013428

3.6 *Implement plan to provide access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers at all premises under the site's control.*

3.6.1 *Evidence of the site's provision of adequate access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers onsite shall be identified and where applicable, quantified.*

Yes

Comment

The site has engaged a third-party cleaning service to manage the daily cleaning and maintenance activities. Monthly evaluations are conducted to assess the performance of the cleaning personnel. Additionally, the site ensures the provision of free drinking water for employees and consistently monitors the quality of the water. Furthermore, the site has implemented equipment maintenance management procedures and regularly maintains the pure water facilities.

In addition to these measures, the site conducts WBCSD self-assessments to evaluate the level of onsite WASH. The distribution of drinking water points and toilet facilities within the site is thoroughly investigated, and their adequacy is analyzed based on the WBCSD standards and "GBZ1-2010 Hygienic standard for the design of industrial enterprises".

Moreover, the site collects feedback from employees regarding their work environment and WASH adequacy through various channels. For example, an annual "Satisfaction survey" is conducted for all employees to gather feedback, which is then carefully reviewed and followed up on. Furthermore, an online system named "ZAP" has been established to facilitate employee feedback on WASH suggestions.

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.

3.7	*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.*	No
Comment	The site has not quantified the achievement of indirect water use targets in its water stewardship plan.	
	Finding No: TNR-013437	
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.*	No
Comment	The site has not yet confirmed collaborations with suppliers and service providers regarding indirect water use, nor has it confirmed actions taken by them within the catchment as a result of the site's involvement.	
	Finding No: TNR-013438	
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 We-chat, e-mail, or phone calls.	
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	• Implement AWS management on the site and carry out AWS certification; • Implement ISO 14001:2015 management system on site and carry out certification • A comprehensive water stewardship plan that is routinely reviewed and updated	
3.9.2	*Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.*	Yes

Comment

The facility has identified industry-specific and/or catchment best practices for water management, which encompass the following:
• Attainment of water consumption per unit product meeting the Class I standard for clean production (< 0.2m³/kg), with the actual consumption at the facility recorded at 0.047m³/kg.
• Adherence to the advanced standards of the Tianjin industrial water supply industry for water consumption per unit product.
• Execution of water balance testing in accordance with GBT 12452-2022, the General Rules for Water Balance Testing of Enterprises.
• Completion of a comprehensive assessment of water usage across the facility and integration of water-efficient technology into the production process.
• Implementation of wastewater recycling, with the facility's wastewater recycling rate achieving 7% in 2023.

The site has developed comprehensive water stewardship plans for the years 2023 and 2024. Several projects aimed at improving water balance have been executed in alignment with the targets outlined in the water stewardship plan. These projects include the optimization of process parameters and maintenance procedures to reduce water consumption and wastewater generation, as well as the enhancement of non-contact process cooling water and condensate recovery systems to promote water reuse.

The site has established targets for water consumption per unit of product and conducts monthly evaluations to assess its performance. Concurrently, the site diligently monitors the progress of water balance targets as outlined in its water stewardship plan.

3.9.3 *Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.*

Yes

Comment

Water quality objectives have been set and are being continuously tracked. To continuously improve the quality of its discharged water and minimize the environmental impact of its wastewater discharge, the site has established internal control indicators that are stricter than the wastewater discharge permit requirements and has set its water quality targets at 80% of the pollution discharge permit thresholds. Corresponding water quality improvement measures have been proposed and implemented, such as:
- Installing online monitoring systems for COD, pH, ammonia nitrogen, and flow rate of the effluent to monitor sewage water quality information in real-time.
- Developing cleaning plans for cooling water and domestic water tanks, as well as maintenance plans for wastewater ponds and sewage networks, and completing the maintenance.
- Upgrading wastewater treatment facilities by adding UASB (anaerobic treatment) and MBR (membrane bioreactor) systems to enhance the treatment capacity of wastewater. According to the site's water quality monitoring records, the site's water quality results for the year 2023 were 100% in compliance with its internal control standards.

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.*

No

Comment

The site has not implemented actions towards achieving best practice, related to targets in terms of the site's maintenance of IWRAs

Finding No: TNR-013439

3.9.5 *Actions towards achieving best practice related to targets in terms of WASH shall be implemented.*

Yes

Comment	The site has engaged a third-party cleaning service to manage the daily cleaning and maintenance activities. Monthly evaluations are conducted to assess the performance of the cleaning personnel. Additionally, the site ensures the provision of free drinking water for employees and consistently monitors the quality of the water. Furthermore, the site has implemented equipment maintenance management procedures and regularly maintains the pure water facilities. In addition to these measures, the site conducts WBCSD self-assessments to evaluate the level of onsite WASH. The distribution of drinking water points and toilet facilities within the site is thoroughly investigated, and their adequacy is analyzed based on the WBCSD standards and "GBZ1-2010 Hygienic standard for the design of industrial enterprises". Moreover, the site collects feedback from employees regarding their work environment and WASH adequacy through various channels. For example, an annual "Satisfaction survey" is conducted for all employees to gather feedback, which is then carefully reviewed and followed up on. Furthermore, an online system named "ZAP" has been established to facilitate employee feedback on WASH suggestions.

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	A management review was conducted in July 2024 to summarize the overall environmental performance in 2023 and the first half year of 2024, and the environmental performance was summarized, which included water stewardship. review the 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 analyzed its value creation resulting from the implementation of water stewardship plan. A total of 23 programmes have been developed for sustainable water management in 2023, 7 for good water management, 4 for water balance, 5 for water quality, 6 for WASH and 1 for important water related areas. Please refer to page 117-120 of the 'Haleon_AWS_TSKF_Final_en'.	
4.1.3	*The shared value benefits in the catchment shall be identified and where applicable, quantified.*	Yes
Comment	The site has also identified shared value benefits within the catchment, including the following: - In 2023, there was a 47% increase in the site's production compared to 2022, with only a 7% rise in total water consumption. This resulted in a 27% improvement in water use efficiency. This initiative has directly led to a reduction in the consumption of water resources. - The quality of the site's discharged wastewater meets 100% of the site's internal control standards. Efficient water use and strict internal standards have contributed to reducing the volume of wastewater discharge and the concentration of pollutant emissions, thereby alleviating pressure on the aquatic environment and safeguarding and enhancing the ecological health of the catchment. - The site's practices of information disclosure and stakeholder engagement have generated awareness of water-related issues within the catchment among relevant parties.	
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 or 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 has conducted communications regarding its 2023 water stewardship performance to the relevant stakeholders by visiting. The stakeholders included government entities (Ecological Environment Bureau), water supply infrastructure, wastewater treatment plants, communities, neighboring enterprises, suppliers, and employees. Feedback from stakeholders has also been collected.
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 procedure which specifies that its water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations annual. The site provided the 2023 and 2024 water stewardship plan, the improvement has been made.

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 has publicly disclosed its internal governance regarding water and its communication on sustainable water management issues on its official company website. https://www.haleon.com.cn/news/press-releases/index.html
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 conducted communications regarding its 2024 water stewardship plan and how the plan contributes to AWS Standard outcomes to the relevant stakeholders by visiting. The stakeholders included government entities (Ecological Environment Bureau), water supply infrastructure, wastewater treatment plants, communities, neighboring enterprises, suppliers, and employees. Feedback from stakeholders has also been collected.
5.3	*Disclose annual site water stewardship summary, including: the relevant information about the site's annual water stewardship performance and results against the site's targets.*
5.3.1	*A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.* ✓ Yes
Comment	The site disclosed the water stewardship performance of 2023, including quantified performance against targets on its official company website. https://www.haleon.com.cn/news/press-releases/index.html
5.4	*Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges;engagement with stakeholders; and co-ordination with public-sector agencies.*
5.4.1	*The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.* ✓ Yes
Comment	The site disclosed the shared water-related challenges and the effort to address shared water challenges on its official company website. https://www.haleon.com.cn/news/press-releases/index.html
5.4.2	*Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.* ✓ Yes
Comment	The site disclosed the effort to address shared water challenges, internal governance in relation to water, and communication on sustainable water management issues on the company website: https://www.haleon.com.cn/news/press-releases/index.html They also shared the related information during visits of the stakeholders like Surrounding companies and communities, suppliers, wastewater and water supply infrastructures, and government agencies.

5.5	*Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.*	
5.5.1	*Any site water-related compliance violations and associated corrections shall be disclosed.*	Yes
Comment	A procedure to manage non-conformance and related corrective action is developed, there is no water-related compliance violation identified in thpast few years.	
5.5.2	*Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.*	Yes
Comment	A procedure to manage non-conformance and related corrective action is developed, there is no water-related compliance violation identified in thpast 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 a significant risk and threat to human or ecosystem health is required to be immediately communicated to the relevant public.	

Photographic Evidence from Audit

Kitchen Records.jpg

Hazardous Waste Warehouse.jpg

MSDS onsite.jpg

Restroom .jpg

Dining Area.jpg

site gate.jpg

Chemical Warehouses.jpg

Emergency Shower.jpg

Wastewater discharge outlet.jpg

Yes

Upgrade or Downgrade of Certification

Justification for Upgrade or Downgrade

Summary of Evidence which led to change

Previous Findings

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

N/A