

# CERTIFICATION REPORT

## Alliance for Water Stewardship (AWS)

Audit Number: AO-000477



### SITE DETAILS

Site: **Hunan Big Want Foods - Changsha**

Address: No. 1898, West Pu Rui Road, Wangcheng District, 410200, Changsha, Hunan, CHINA

Contact Person: Yu Liu

AWS Reference Number: AWS-000526

Site Structure:

### CERTIFICATION DETAILS

Certification status:

Date of certification decision: -4714-Dec-31

Validity of certificate: -4714-Dec-31

### AUDIT DETAILS

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

Audit Type(s): Initial Audit

Audit Start Date: 2022-Dec-06

Lead Auditor: Lingyun Yu (TUV Rheinland)

Audit team participants:

Ian Jiang (TUV Rheinland)

Site Participants:

Xu Xuan Chen, Production Manager

Yu Liu, Sustainability Manager

Yizhen Xu, General Manager

Wei Deng, Office Coordinator

Qiyu Xiao, Factory Director

Guoliang Tao, Factory Director

Reqing Yan, Sr. EHS Specialist

Zhenlin Liu, Water Resources Manager

Tiesheng Cao, Water Treatment Specialist

Xiaobing Chen, Human Resources

Yan Zou, Purchase manager

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### ADDITIONAL INFO

**Summary of Audit Findings:** A total of four findings were raised during the certification audit, nil major non-conformities, nil minor non-conformities, four observations.

The audit team recommends certification of Hunan Big Want Foods CO.,Ltd. at Platinum level approval of the corrective actions plan.

**Scope of Assessment:** The scope of services covers the Initial certification audit for assessing conformity of Hunan Big Want Foods CO.,Ltd. against the AWS International Water Stewardship Standard Version 2.

Hunan Big Want Foods Co., Ltd. is located at No. 1898, Purui West Road, Wangcheng District, Changsha City, Hunan Province. The site covers an area of 320 mu, with a total construction area of 146962 square meters. At present, the number of employees is about 780. The site is a manufacturer of beverages, dairy products and liquid reconstituted milk, including 125ml Tetra Pak milk, 145ml canned milk, 245ml canned milk, etc.

The facility is located in the Yangtze River Basin - Dongting Lake Water System - Hengyang downstream of Xiangjiang River.

The audit was conducted remotely on 6th to 9th December 2022, due to the travel restriction of Covid-19. The remote site visit included the assessment of virtually site visit of production lines, wastewater treatment plant, IWRA, stakeholder interviews and meetings to identify documents submitted as evidence.

The following external stakeholders were interviewed during the audit: Changsha Wangcheng District Environmental Protection Bureau / Ms. Huang; Neighborhood factory / Mr. Huang; Neighborhood factory / Mr. Huang; Raw material supplier / Mr. He; Raw material supplier / Mr. Ma; Changsha Green Xiaoxiang Environmental Protection Science Popularization Center (NGO), etc.

### SCORE

92.00

### FINDINGS

#### NUMBER OF FINDINGS PER LEVEL

|             |   |
|-------------|---|
| Observation | 4 |
|-------------|---|

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### FINDING DETAILS

|                    |   |
|--------------------|---|
| Finding No:        | TNR-002716  |
| Checklist Item No: | 3.2.1   |
| Status:            | Open  |
| Finding level:     | Observation   |
| Checklist item:    | A process to verify full legal and regulatory compliance shall be implemented.  |
| Findings:          | Since Big-Want plans to use groundwater as the second water source to meet its production needs. It is recommended to systematically identify laws and regulations related to groundwater exploitation and regularly conduct compliance assessment. |
| Corrective action: | N/A   |
| Finding No:        | TNR-002717  |
| Checklist Item No: | 3.6.1   |
| Status:            | Open  |
| Finding level:     | Observation   |
| 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:          | It is recommended that Big Want formulate a maintenance plan for drinking water facilities and keep maintenance records (such as filter element replacement) for traceability and supervision   |
| Corrective action: | N/A   |
| Finding No:        | TNR-002718  |
| Checklist Item No: | 3.7.2   |
| Status:            | Open  |
| Finding level:     | Observation   |
| 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:          | It is suggested that Big Want promote suppliers with environmental violation records on the IPE platform to submit feedback materials on the IPE platform, or take further action to remove the violation records                                   |
| Corrective action: | N/A   |

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|                    |  |
|--------------------|--|
| Finding No:        | TNR-002779   |
| Checklist Item No: | 4.2.1  |
| Status:            | Open   |
| Finding level:     | Observation  |
| Checklist item:    | 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. |
| Findings:          | Even though there is no emergency happened in 2022, it is also recommended to collect and summarize the response actions to the emergency. Such as preparation measures for rainstorm.   |

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### Report Details

| Report                    | Value                    |
|---------------------------|--------------------------|
| Report prepared by        | Lingyun Yu and Ian Jiang |
| Report approved by        | Mia Antoni-Naidoo        |
| Report approved on (Date) | 16 January 2023          |

### Surveillance

Proposed date for next audit  
2023-Dec-06

### Stakeholder Announcements

| Date of publication | Location  |
|---------------------|---|
| 2022-Nov-01         | <a href="http://www.want-want.com/upload/files/%E5%85%B3%E4%BA%8E%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E7%94%B3%E8%AF%B7AWS%E8%AE%A4%E8%AF%81%E7%9A%84%E5%85%AC%E7%A4%BA.pdf">http://www.want-want.com/upload/files/%E5%85%B3%E4%BA%8E%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E7%94%B3%E8%AF%B7AWS%E8%AE%A4%E8%AF%81%E7%9A%84%E5%85%AC%E7%A4%BA.pdf</a> |
| 2022-Nov-01         | <a href="https://www.tuv.com/content-media-files/greater-china/about-us/downloads/aws-stakeholder-announcement-hunan-big-want.pdf">https://www.tuv.com/content-media-files/greater-china/about-us/downloads/aws-stakeholder-announcement-hunan-big-want.pdf</a>   |
| 2022-Dec-01         |   |

### Catchment Information

#### Catchment Information

According to the location of the site, the water supplier and its water source, offsite ETP and its final discharge destination, as well as the three-level division of national water resources, Big Want determines the external boundary of its sustainable water management, that is, the basin boundary is: Yangtze River Basin - Dongting Lake Water System - Hengyang downstream of Xiangjiang River.

Dongting Lake Water System: Dongting Lake, the second largest freshwater lake in China, covers an area of 187800 km<sup>2</sup>. It is now composed of three parts of Dongting Lake in the west, south and east, with a water surface area of 2625 km<sup>2</sup>; The maximum water depth is 23.5m, the average water depth is 6.39m, and the storage capacity is 16.7 billion m<sup>3</sup>. The water system of Dongting Lake is composed of Dongting Lake, four rivers that enter the lake, namely Xiangjiang River, Zishui River, Yuanjiang River and Lishui River, and small and medium-sized rivers that directly enter the lake, such as Miluo River and Xinqiang River. Its drainage area is 262800 square kilometers, accounting for 14.6% of the total area of the Yangtze River basin. Dongting Lake water system plays an important role in maintaining national ecological security, food security and flood control security.

Xiangjiang River Basin: Xiangjiang River is the largest river in the Dongting Lake water system. It originates from Jinfeng Ridge, Haiyang Mountain, Baishi Township, Xing'an County, Guangxi, and flows into Hunan from south to north, into Dongting Lake at the mouth of Xiangyin Haohe River, and then into Jiangxi and Guangdong Province. The upper reaches of the Xiangjiang River are above Yongzhou, the middle reaches between Yongzhou and Hengyang, and the lower reaches below Hengyang. According to the three-level division of national water resources, the Xiangjiang River basin is divided into the Hengyang upstream of Xiangjiang River and Hengyang downstream of Xiangjiang River.

Big Want only uses municipal tap water, supplied by Wangcheng Water Supply Factory, which covers an area of 6.53 hectares, with a total water supply capacity of 300000 m<sup>3</sup>/d, and its water source is Xiangjiang River.

After onsite treatment, the treated effluent is discharged into municipal sewage pipeline network, and flows into Wangcheng No.1 Sewage Treatment Plant for further treatment. The effluent is discharged into Weishui River, a tributary of the Xiangjiang River, and finally flows into Xiangjiang River.

### Client Description and Site Details

#### Client/Site Background

Hunan Big Want Foods Co., Ltd. is located at No. 1898, Purui West Road, Wangcheng District, Changsha City, Hunan Province. The site covers an area of 320 mu, with a total construction area of 146962 square meters. At present, the number of employees is about 780. The site is a manufacturer of beverages, dairy products and liquid reconstituted milk, including 125ml Tetra Pak milk, 145ml canned milk, 245ml canned milk, etc.

Big Want's domestic and production water comes from municipal tap water, supplied by Wangcheng Water Supply Factory. Domestic sewage and industrial wastewater are both pre-treated by the onsite wastewater treatment station. The treated effluent is discharged into municipal sewage pipeline network, and flows into Wangcheng No.1 Sewage Treatment Plant for further treatment. The effluent is discharged into Weishui River, a tributary of the Xiangjiang River, and finally flows into Xiangjiang River.

### Summary of Shared Water Challenges

#### Summary of Shared Water Challenges




Big Want faced with follow shared water challenges:

1. Priority as medium, drought and water shortage: the utilization rate of local water resources in the lower reaches of Xiangjiang River is already on the high side, and the future economic development will aggravate the contradiction;
2. Priority as medium, surface water quality: some downstream rivers still have Class IV or worse water quality; The water quality of the water source occasionally exceeds Class II (still up to standard);
3. Priority as low, flood caused by rainstorm;
4. Priority as low, ecological environment: excellent ecological quality and rich ecological resources in the region;
5. Priority as low, increasingly strict discharge standards and water saving standards

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| 0.1     | General Requirements for Single Sites, Multi-Sites and Groups  |  |
|---------|--|--|
| 0.1.1   | <i>Eligibility Criteria</i>  |  |
| 0.1.1.1 | <i>The site(s) occupy one catchment OR an exception has been granted.</i>  | <br>Yes |
| 0.1.1.2 | <i>The scope of the proposed certification shall be under the control of a single management system.</i>   | <br>Yes |
| 0.1.1.3 | <i>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.</i> | <br>Yes |







| 1 STEP 1: GATHER AND UNDERSTAND |  |
|---------------------------------|--|
| 1.1                             | <i>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.</i>   |
| 1.1.1                           | <p><i>The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:</i></p> <ul style="list-style-type: none"> <li>- Site boundaries;</li> <li>- Water-related infrastructure, including piping network, owned or managed by the site or its parent organization;</li> <li>- Any water sources providing water to the site that are owned or managed by the site or its parent organization;</li> <li>- Water service provider (if applicable) and its ultimate water source;</li> <li>- Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies;</li> <li>- Catchment(s) that the site affect(s) and is reliant upon for water.</li> </ul>   |
| Comment                         | <p>The site has developed a site and catchment background report. In this report, it contains following content:</p> <ul style="list-style-type: none"> <li>- Site boundaries</li> <li>- Water-related infrastructure, including the pipe network, owned or managed by the site or its parent organization.</li> <li>- Water service provider (if applicable) and its ultimate water source;</li> <li>- Discharge points and wastewater service provider.</li> <li>- The catchment(s) that the Site affects and relies on for water.</li> </ul>  |
| 1.2                             | <i>Understand relevant stakeholders, their water related challenges, and the site's ability to influence beyond its boundaries.</i>  |
| 1.2.1                           | <p><i>Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:</i></p> <ul style="list-style-type: none"> <li>- Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;</li> <li>- Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;</li> <li>- Provide evidence of stakeholder consultation on water-related interests and challenges;</li> <li>- Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;</li> <li>- Identify the degree of stakeholder engagement based on their level of interest and influence.</li> </ul> |
| Comment                         | <p>The site established AWS management manual, which contains a stakeholder identification and communication procedure.</p> <p>The site identified key stakeholders such as government, suppliers, employees, clients, infrastructures, NGOs, surrounding residents, universities, etc. The key contacts of different stakeholders were also specified.</p> <p>The site communicated with stakeholder via stakeholder meetings, seminars, trainings, emails, hotlines, etc.</p> <p>The degree of influence between site and stakeholder has also been identified of each stakeholder.</p>  |
| 1.2.2                           | <i>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.</i>   |
| Comment                         | <p>The degree of influence between site and stakeholder has been identified of each stakeholder.</p>   |



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| <b>1.3</b>   | <i>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.</i>   |  |
| <b>1.3.1</b> | <i>Existing water-related incident response plans shall be identified.</i>   | <br>Yes   |
| Comment      | <p>The site has the following contingency plans:<br/>Factory WWTP Contingency Plan.<br/>Emergency Plan for Environmental Emergencies<br/>Emergency plan for natural disaster weather<br/>Operation procedure for Handling Manufacturing Process Abnormity</p> <p>All above can covered the water-related emergency including water supply, wastewater and extreme weather.</p>   |  |
| <b>1.3.2</b> | <i>Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped</i>   | <br>Yes   |
| Comment      | <p>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, storage and outflows.</p>   |  |
| <b>1.3.3</b> | <i>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.</i>   | <br>Yes  |
| Comment      | <p>The site has recorded the daily input and output data via meter or estimation. They will summarize the data monthly and perform the analysis and review to identify inflows, losses, storage, outflows and water balance. As per the review data, the water balance meet the 5% threshold.<br/>By the monthly summary data, the site could evaluate the variance in water usage rates.</p>  |  |
| <b>1.3.4</b> | <i>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.</i>  | <br>Yes |
| Comment      | <p>The site monitors the following water quality data:</p> <ul style="list-style-type: none"><li>- The WWTP discharge wastewater. The site has installed a online monitoring system to monitor the discharged wastewater in real time. The site will also sample the water and perform the internal testing daily, and entrust a third party lab to perform testing.</li><li>- The water from water purification system. As the production water, the site also monitors the water from water purification system. Internal and external testing will be performed to ensure the water quality meets the production requirement.</li><li>- Potable water. To ensure the safety of drinking water, the site entrust the third party lab to perform the testing of drinking water quarterly.</li></ul> |  |
| <b>1.3.5</b> | <i>Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.</i>   | <br>Yes |
| Comment      | <p>The site presents the inventory of all chemical materials found in the factory, the document has information on: where the product is, in which type of tank or container, the substance, storage capacity, as well as a graphical description.<br/>The site also draws a layout map that illustrates the location of the potential sources of pollution, including chemical warehouse, chemical loading area, hazardous waste etc..</p>  |  |
| <b>1.3.6</b> | <i>On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.</i>   | <br>Yes |

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| Comment      | No IWRA is identified in the site.   |  |
| <b>1.3.7</b> | <i>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.</i>   | <br>Yes   |
| Comment      | We reviewed the cost analysis of Hunan Big's water stewardship, which included the water consumption, water purification fee, wastewater treatment fee, steam purchased fee and other sustainability activities fee etc. No water-related revenue is generated by the site, The site has also developed a description of the social, cultural and environmental value generated by the site.   |  |
| <b>1.3.8</b> | <i>Levels of access and adequacy of WASH at the site shall be identified.</i>  | <br>Yes   |
| Comment      | The site installs water purification facilities in workshops, office areas and dormitories, providing drinking water to employees. All the outlets of drinking water were tested by third party laboratory regularly. The water purification facilities were regularly maintained.<br>The site also provides sufficient toilets to workers, and regular cleaning was conducted. Necessary equipment like handwash and tissue were also provided.<br>The site performed the assessment of the WASH level as per WBCSD. The result is satisfied. |  |
| <b>1.4</b>   | <i>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.</i>  |  |
| <b>1.4.1</b> | <i>The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.</i>   | <br>Yes |
| Comment      | The site has established a list of product suppliers within the site's catchment covering suppliers of main materials, suppliers of chemicals, suppliers of packing materials, and analysed the intensity of water consumption and water pollution based on their water quantity and quality. Meanwhile, by using WWF's map of water risk filter, The site has also analysed the water related risk level in the catchment where its suppliers are located.  |  |
| <b>1.4.2</b> | <i>The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.</i>  | <br>Yes |
| Comment      | A list of outsourced services within the site's catchment has been established by Hunan Big Want. Meanwhile, the intensity of water consumption and water pollution has been analysed based on their water quantity and quality. Based on the investigation, the outsourced services mainly include the treatment and disposal of solid waste, the treatment of discharged effluent.<br>Moreover, the site also has the cleaning and catering service providers which used the water within the sites.   |  |
| <b>1.4.3</b> | <i>Advanced Indicator<br/>The embedded water use of primary inputs in catchment(s) of origin shall be quantified.</i>  | <br>Yes |
| Comment      | The site has established a list of product suppliers within the site's catchment covering suppliers of main materials, suppliers of chemicals, suppliers of packing material. Questionnaires were sent to collected the intensity of water consumption and water pollution. Based on the information, the embedded water use of raw materials could be quantified. Meanwhile, by using WWF's map of water risk filter, The site has also analysed the water related risk level in the catchment where its suppliers are located.               |  |
| Score        | 7  |  |
| <b>1.5</b>   | <i>Gather water-related data for the catchment, including water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH</i>  |  |

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| <b>1.5.1</b> | <i>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.</i>  | <br>Yes   |
| Comment      | Water governance initiatives was identified in Catchment Background Survey Report by Hunan Big Water; The initiatives included national, provincial and local level, including the catchment development plan, industrial development plan, environmental and ecological conservation plan etc..  |  |
| <b>1.5.2</b> | <i>Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.</i>  | <br>Yes   |
| Comment      | The site presents a matrix recording all legal actions, this document is used by the site to monitor the status of each of the site's legal obligations.  |  |
| <b>1.5.3</b> | <i>The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.</i>   | <br>Yes   |
| Comment      | The Catchment Background Survey Report provides a detailed analysis of water balance for the catchment.<br>The water balance in the catchment is analysed 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 website and publishing report.  |  |
| <b>1.5.4</b> | <i>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.</i>  | <br>Yes  |
| Comment      | The Catchment Background Survey Report provides a detailed analysis of water quality for the catchment. The site obtained the relate information from the government website. (Mainly from the Environmental and Ecological Bureau).<br>The data includes the water quality of the water source, the final discharged water body, the water from municipal water plant.<br>The data will be published monthly, therefore, the annual variances could be identified. |  |
| <b>1.5.5</b> | <i>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.</i>   | <br>Yes |
| Comment      | The Catchment Background Survey Report lists the Important Water-Related Area of the catchment. The Important Water-Related Areas are collected from government published documents, including 'Ecological protection red line of Hunan Province', 'Ecological environment zoning of three lines and one list'.<br>The status of the IWRA's are collected from the manage authorities.  |  |
| <b>1.5.6</b> | <i>Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.</i>   | <br>Yes |
| Comment      | The Catchment Background Survey Report lists the existing and planned water-related infrastructure including water supply, flood control and drainage, wastewater treatment, emergency response at provincial, catchment and city levels and water-related objectives. Based on the available information, the water-related infrastructure in the catchment is relatively good.  |  |
| <b>1.5.7</b> | <i>The adequacy of available WASH services within the catchment shall be identified.</i>  | <br>Yes |
| Comment      | The facility obtained the WASH status in Changsha from Changsha Statistical Yearbook for 2021, including the tap water penetration rate, wastewater treatment rate and other data. Overall, the WASH services is good in Changsha City.   |  |

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| <b>1.5.8</b> | <i>Advanced Indicator</i><br><i>Efforts by the site to support and undertake catchment level water-related data collection shall be identified.</i>  | <br>Yes   |
| Comment      | After consultation with local environmental bureau, the site has selected one of neighbour river, Maqiao River. They sample water from one monitoring points and performed the water quality testing. Testing parameters consist of pH, SS, TP, COD, NH3-N, DO, turbidity, hardness, conductivity. The site also shares the testing results with local environmental protection authority.   |  |
| Score        | 7  |  |
| <b>1.5.9</b> | <i>Advanced Indicator</i><br><i>The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified.</i>  | <br>Yes   |
| Comment      | The site has identified adequacy of WASH provision within the catchments of origin of primary inputs including the coverage of safety drinking water supply, the coverage of wastewater treatment, the rate of security disposal of municipal solid waste, and public facilities and environmental sanitation in urban districts.  |  |
| Score        | 4  |  |
| <b>1.6</b>   | <i>Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.</i>  |  |
| <b>1.6.1</b> | <i>Shared water challenges shall be identified and prioritized from the information gathered.</i>  | <br>Yes  |
| Comment      | The Catchment Background Report identifies the shared challenges within the catchment, including:<br>1.The utilization rate of local water resources in the lower reaches of Xiangjiang River is already on the high side, and the future economic development will aggravate the contradiction<br>2.The water quality of some downstream rivers is still in Class IV or below; The water quality of the water source occasionally exceeds Class II (still up to standard)<br>3.Storm and flood<br>4.Ecological environment<br>5.The standard for treatment and discharge of production wastewater are becoming higher and higher<br>Meanwhile, based on the analysis of relevance/rationale for stakeholders and relevance/rational for the site, the sites has prioritized the shared challenges.<br>Reference to the p31 of the catchment background survey report. |  |
| <b>1.6.2</b> | <i>Initiatives to address shared water challenges shall be identified.</i>   | <br>Yes |
| Comment      | Initiatives to address shared water challenges are included in the Catchment Background Report identifies the shared challenges within the catchment.  |  |
| <b>1.6.3</b> | <i>Advanced Indicator</i><br><i>Future water issues shall be identified, including anticipated impacts and trends</i>  | <br>Yes |
| Comment      | Future water issues were identified in the Catchment Background Survey Report, including anticipated impacts and trends. Overall speaking, the climate change will affect rainfall in the basin, therefore, the risk of drought and flood, and water shortage may increase in the future.  |  |
| Score        | 3  |  |
| <b>1.6.4</b> | <i>Advanced Indicator</i><br><i>Potential water-related social impacts from the site shall be identified, resulting in a social impact assessment with a particular focus on water.</i>  | <br>No  |
| Comment      | The site does not perform this indicator.  |  |
| Score        | 4  |  |

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|--------------|--|--|
| <b>1.7</b>   | <i>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.</i>   |  |
| <b>1.7.1</b> | <i>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.</i>  | <br>Yes   |
| Comment      | The site has identified its water risks in respects covering water governance, sustainable water balance and water quality. Based on risk analysis, Hunan Big Want has prioritized its water risks according to potential impact, likelihood within a given time and difficulty of detection. Meanwhile, corresponding response strategies to mitigate water risks are developed.  |  |
| <b>1.7.2</b> | <i>Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.</i>  | <br>Yes   |
| Comment      | The site presents a prioritization matrix where water-related opportunities are identified, the opportunities including the assessment and prioritization of potential savings.  |  |
| <b>1.8</b>   | <i>Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.</i>   |  |
| <b>1.8.1</b> | <i>Relevant catchment best practice for water governance shall be identified.</i>  | <br>Yes  |
| Comment      | The site has identified relevant catchment best practice for water governance including: <ul style="list-style-type: none"><li>• A comprehensive water stewardship plan that is routinely reviewed and updated;</li><li>• Stakeholder engagement times</li><li>• Training of all employees on the principles of water stewardship;</li><li>• Water-related emergency respond plan and drilling</li><li>• Communicating on its own water stewardship to set a leading example to others.</li><li>• Information disclosure way and frequency</li></ul> |  |
| <b>1.8.2</b> | <i>Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.</i>   | <br>Yes |
| Comment      | The site has identified relevant sector and/or catchment best practice for water balance including: <ul style="list-style-type: none"><li>• Condensate water and wastewater recovery</li><li>• Perform water balance testing as per GBT 12452-2022 General Rules for Water Balance Testing of Enterprises</li><li>• Improve the water production rate of water purification facilities</li></ul>   |  |
| <b>1.8.3</b> | <i>Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.</i>  | <br>Yes |
| Comment      | The site has identified relevant sector and/or catchment best practice for water quality, such as monitoring frequency of main pollutant, and active disclosure of water monitoring information.   |  |
| <b>1.8.4</b> | <i>Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.</i>   | <br>Yes |
| Comment      | The site has identified best practices related to Important Water Related Areas (IWRA). Such as water quality monitoring of neighbour river, or conducting the river cleaning activities.  |  |
| <b>1.8.5</b> | <i>Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.</i>  | <br>Yes |

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### Comment




The site has identified relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services including:




- WBCSD self-assessment tool
- GB 5749 Sanitary Standard for Drinking Water
- GBZ 1-2010 Hygienic standards for the design of industrial enterprises

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| 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   | <p>A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:</p> <ul style="list-style-type: none"><li>- That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes</li><li>- That the site implementation will be aligned to and in support of existing catchment sustainability plans</li><li>- That the site's stakeholders will be engaged in an open and transparent way</li><li>- That the site will allocate resources to implement the Standard.</li></ul>  | <br>Yes   |
| Comment | <p>A water stewardship commitment to follow all the AWS core criteria has been signed by the top manager of Big-Want. The commitment has been displayed on Want-Want group's website.</p> <p>Evidences:<br/>Big-Want's Commitment to Water Stewardship</p>  |  |
| 2.1.2   | <p>Advanced Indicator</p> <p>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.</p>  | <br>Yes  |
| Comment | <p>A water stewardship commitment to follow all the AWS core criteria has been signed by the top manager of Big-Want. The commitment has been displayed on Want-Want group's website.</p> <p><a href="http://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf">http://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf</a></p> <p>Evidences:<br/>Big-Want's Commitment to Water Stewardship</p> |  |
| Score   | 1   |  |
| 2.2     | Develop and document a process to achieve and maintain legal and regulatory compliance.   |  |
| 2.2.1   | <p>The system to maintain compliance obligations for water and wastewater management shall be identified, including:</p> <ul style="list-style-type: none"><li>- Identification of responsible persons/positions within facility organizational structure</li><li>- Process for submissions to regulatory agencies.</li></ul>   | <br>Yes |
| Comment | <p>Big-Want has established a procedure to ensure the operation of Big-Want to meet the provisions of relevant laws, regulations and other requirements.</p> <p>Evidences:<br/>Procedure for Compliance Evaluation of Laws and Other Requirements; Identification and update list of applicable laws and regulations</p>  |  |
| 2.3     | Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.   |  |

|              |   |  |
|--------------|---|--|
| <b>2.3.1</b> | <i>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.</i>  | <br>Yes   |
| Comment      | <p>Big-Want has developed a water stewardship strategy and announced it on its official website. The strategy expounds Big-Want's long-term plan for water stewardship in terms of standardized management, corporate social responsibility and implementation of best practices, including:</p> <ul style="list-style-type: none"> <li>- Undertake the Group's strategy, take fiscal year 2020 as the baseline, and achieve a 10% increase in water efficiency by fiscal year 2025;</li> <li>- Improve energy/water management system, effectively monitor energy/water use, and reduce energy/water waste;</li> <li>- Based on the energy/water management system of the Group, continue to improve the process water efficiency and gradually improve the reuse rate of waste water;</li> <li>- Under the premise of ensuring the compliance of waste discharge at the site, internal control standards stricter than the government discharge standards shall be formulated to protect the environment;</li> <li>- Constantly optimize the management of safe drinking water and sanitary facilities, and provide safe drinking water and excellent sanitary environment for staff;</li> <li>- Gradually increase the proportion of wastewater reuse, and reuse water in the greening and sanitary rooms for cleaning</li> </ul> <p>Big-Want also develops a Water Stewardship Plan (Year 2022), which specifies targets, required actions, measurement, cost and benefit, accountable and responsible person, deadline, etc.</p> <p>Evidences:<br/>Water Stewardship strategy, Big-Want's Water Stewardship Plan - Improvement Action List (Year 2022)</p> |  |
| <b>2.3.2</b> | <i>A water stewardship plan shall be identified, including for each target:</i> <ul style="list-style-type: none"> <li>- <i>How it will be measured and monitored</i></li> <li>- <i>Actions to achieve and maintain (or exceed) it</i></li> <li>- <i>Planned timeframes to achieve it</i></li> <li>- <i>Financial budgets allocated for actions</i></li> <li>- <i>Positions of persons responsible for actions and achieving targets</i></li> <li>- <i>Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.</i></li> </ul>   | <br>Yes |
| Comment      | <p>Big-Want has developed a Water Stewardship Plan (Year 2022), which specifies targets, required actions, measurement, status, effectiveness evaluation, accountable and deadline, etc.</p> <p>Evidences:<br/>Big-Want's Water Stewardship Plan - Improvement Action List (Year 2022)</p>  |  |
| <b>2.3.3</b> | <i>Advanced Indicator</i><br><i>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.</i>   | <br>Yes |



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**Comment**

1. On November 25, 2022, Big-Want, together with a local NGO, government departments, surrounding enterprises and communities in Changsha, carried out a beach cleaning activity in the Xiangjiang River basin with the theme of "Protecting the Xiangjiang Mother River and guarding the clear water resources" to advocate participating in improving the water resource environment with stakeholders in the basin and raising the public's awareness of water environment protection. During the activity, 120 kg of river wastes were cleared

2. On October 25, 2022, Big-Want, together with two other subsidiaries of Want-Want Group in Changsha, and Xinkang Village Committee in Wangcheng District, carried out a cycling activity with the theme of "Protecting the Xiangjiang Mother River and guarding the clear water resources". Participants rode to the riverside and cleaned up the garbage on the beach.

3. During the summer vacation in 2022, Wushan Neighborhood, a neighboring community, cooperated with Big-Want, organized pupils from surrounding schools to visit Big-Want Factory, and promoted the concept of water conservation to children. About 40 pupils participated in the activity.

**Evidences:**

Invitation Letter of Big-Want for Protecting the Xiangjiang Mother River and guarding the clear water resources"; Activity plan, on-site photos, and public articles on the activity issued by NGO

**Score** 4

**2.3.4 Advanced Indicator**

*The site's partnership/water stewardship activities with other sites in another catchment(s) (either under same corporate structure or with another corporate site) shall be identified.*



Yes

**Comment**

1. In 2022, Want-Want Group, together with an enterprise in Kunshan, GREEN PARTNERSHIP OF INDUSTRIAL PARKS, AWS and Qiandao Lake Water Fund, jointly shot and released a promotional video advocating sustainable water management

2. On September 16, 2022, Big-Want invited AWS to organize training for its suppliers to help them understand AWS standards and implement sustainable water management practices. A total of 34 people from 8 suppliers participated in the training

**Evidences:**

The co shot video and related public articles about advocating sustainable water management; Sign in record of suppliers participating in AWS training

**Score** 4

**2.3.5 Advanced Indicator**

*Stakeholder consensus shall be sought on the site's water stewardship plan. Consensus should be achieved on at least one target. A list of targets that have consensus and in which stakeholders are involved shall be identified.*



Yes

**Comment**

On December 8, 2022, Big-Want and the local NGO - Green Xiaoxiang signed a statement of cooperation intention. Big-Want will cooperate more closely with Green Xiaoxiang to carry out joint action to protect the water environment in the basin

**Evidences:**

Statement of cooperation intention signed between Big-Want and Green Xiaoxiang

**Score** 7

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

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



Yes

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**Comment** Big-Want has identified its water risks covering water governance, sustainable water balance and water quality. A series of response plans to deal with water risks have been developed, such as natural disaster weather emergency plan, emergency response plan for sudden environmental events, production line exception handling process, etc  
In addition, through the communication with water infrastructure, collection and analysis of water quality data, from June to October of each year, due to the decline of water source quality, the chlorate content in municipal water is on the high side, Big-Want has purchased chlorate detection instruments to monitor the chlorate content in municipal water regularly to ensure the safety of water. In addition, according to the detection results, Big-Want timely adjusted the use proportion of RO water, So as to reduce the discharge of waste water and reduce the environmental pressure.

**Evidences:**

Emergency response plan for sudden environmental events, Registration No. 430112-2018-029-L;  
Natural disaster weather emergency response plan; On site interview record of stakeholders - Wangcheng Water Supply Plant Part

**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** By querying papers related to climate change prediction and climate information released by the local meteorological department, Big-Want identified that the risk of climate change in the basin is mainly seasonal drought and rainstorm, and took the following actions:  
1. Big-Want plans to use groundwater as its second water source  
2. Emergency plan for natural disaster weather has been formulated to respond to rainstorm weather

**Evidences:**

Chapter on climate change prediction and analysis in catchment report; Demonstration report on water resources of groundwater project for construction project





**Score**

6

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| 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.    |
| Comment   | <p>Big-Want actively cooperates with the government supervision department to conduct supervisory inspections and visits.</p> <p>Evidences:<br/>Government supervision department visiting records</p> <p>Yes</p>   |
| 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.   |
| Comment   | <p>Big-Want is located in the industrial zone and has obtained the pollution discharge permit. According to the requirements of pollution discharge permit, Big-Want has installed an online monitoring device at its wastewater discharge outlet to monitor PH, COD and NH3-N in real time, and regularly entrusts a third-party agency to test its wastewater.</p> <p>Big-Want has established a procedure to ensure the operation of Big-Want to meet the provisions of relevant laws, regulations and other requirements. And conducts compliance evaluation on laws and regulations every six months and keeps records.</p> <p>Evidences:<br/>Evaluation Report for Compliance with Laws and Regulations in the First Half of 2022; Wastewater test reports</p> <p>Yes</p> |
| 3.1.3   | Advanced Indicator<br>Evidence of improvements in water governance capacity from a site-selected baseline date shall be identified.    |
| Comment   | <p>Big-Want has formulated AWS management operating system procedures to standardize its water management.</p> <p>In November 2021, Big-Want arranged 28 managers to participate in AWS foundation training program, and a total of 10 employees obtained training completion certificates.</p> <p>In January 2022, Big-Want invited the expert from AWS to carry out an one-day onsite customized training to help them better understand and implement AWS related requirements. A total of 32 relevant personnel participated in the training.</p> <p>Evidences:<br/>Big-Want's AWS management operating system procedures; Records of participation in AWS foundation training program; Records of participation in AWS on-site training</p> <p>Yes</p>                     |
| Score   | 2   |
| 3.1.4   | Advanced Indicator<br>Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the good water governance of the catchment shall be identified.   |
|   | Yes   |

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**Comment** On November 25, 2022, Big-Want, together with a local NGO, government departments, surrounding enterprises and communities in Changsha, carried out a beach cleaning activity in the Xiangjiang River basin with the theme of "Protecting the Xiangjiang Mother River and guarding the clear water resources" to advocate participating in improving the water resource environment with stakeholders in the basin and raising the public's awareness of water environment protection. During the activity, 120 kg of river wastes were cleared.

Evidences:

Invitation Letter of Big-Want for Protecting the Xiangjiang Mother River and guarding the clear water resources"; Activity plan, on-site photos, and public articles on the activity issued by the NGO

**Score** 2

**3.2** *Implement system to comply with water-related legal and regulatory requirements and respect water rights.*

**3.2.1** *A process to verify full legal and regulatory compliance shall be implemented.*



Yes

**Comment** Big-Want has established a procedure to ensure the operation of Big-Want to meet the provisions of relevant laws, regulations and other requirements. And conducts compliance evaluation on laws and regulations every six months and keeps records.

Evidences:

Evaluation Report for Compliance with Laws and Regulations in the First Half of 2022; Wastewater test reports

**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** Big-Want has obtained the pollution discharge permit. According to the requirements of pollution discharge permit, Big-Want has installed an online monitoring device at its wastewater discharge outlet to monitor PH, COD and NH3-N in real time, and regularly entrusts a third-party agency to test its wastewater.

Big-Want has established a procedure to ensure the operation of Big-Want to meet the provisions of relevant laws, regulations and other requirements. And conducts compliance evaluation on laws and regulations every six months and keeps records.

Evidences:

Evaluation Report for Compliance with Laws and Regulations in the First Half of 2022; Wastewater test reports

**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** Big-Want has developed a Water Stewardship Plan (Year 2022) improvement action list, which specifies targets, required actions, measurement, status, effectiveness evaluation, accountable and deadline, etc. Big-Want has formulated actions to reduce water consumption, improve water quality and improve water management to achieve targets in Water Stewardship plan, and follow up the progress of the actions.

Big-Want has implemented a number of measures in 2022 to improve its water efficiency, such as recycling process cleaning water as make-up water for cooling water towers, and recycling part of ETP treated wastewater for greening and flushing.

Big-Want tracks the progress of its Water Stewardship targets every month.

Evidences:

Big-Want's Water Stewardship Plan - Improvement Action List (Year 2022)

**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** Big-Want has formulated the 2022 water management implementation plan to achieve its Water Stewardship targets, which includes a number of implementation projects to improve the water efficiency of the site, such as:

- Recycle the cleaning water of activated carbon filter tank. The overall loss of carbon tank cleaning water is 6% - 15%. Now, part of the recycled cleaning water is used as make-up water for the cooling water tower.
- Recycle part of ETP treated wastewater for greening and flushing.
- Due to the control of chlorate concentration in the incoming water, Big-Want needs to add RO treatment process in the water purification process, but this also leads to an increase of about 17% in the drainage volume. To reduce wastewater discharge and improve the utilization efficiency of water resources, Big-Want plans to use groundwater as its secondary water source. The water well project is currently under demonstration and approval.
- The heat energy recovery of sterilization kettle in iron can production line is improved. Thermal insulation pipes and valves are used to reduce heat loss, and the steam condensate generated in the pretreatment process is recycled to the sterilization kettle for reuse.
- Renovation of steam pipeline to improve steam utilization.


Big-Want tracks the progress of its Water Stewardship targets every month.

Evidences:


Summary of implementation of sustainable water management projects




**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 Big-Want for the re-allocation of water to social, cultural or environmental needs.

**3.3.4** *Advanced Indicator*  
*The total volume of water voluntarily re-allocated (from site water savings) for social, cultural and environmental needs shall be quantified.*  **No**

**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 | <p>Water quality targets are set in the water stewardship plan, such as collect the water quality information of the Majiao River, the drinking water quality 100% meets the requirements, and the wastewater quality meets the internal control objectives. A series of water stewardship plans are implemented to achieve its water quality targets.</p> <p>Big-Want monitored the water quality of Maqiao River (the main river under the jurisdiction of the government of the economic development zone where the site is located) in December 2022, and learned the key indicators for tracking the water quality of the water source based on the National Surface Water Environmental Quality Standard (GB 3838-2002)</p> <p>Big-Want has developed a drinking water monitoring process to continuously monitor the quality of drinking water. The dormitory drinking water is tested once every two months, and the production workshop drinking water is tested once every quarter.</p> <p>Big-Want has formulated process water quality monitoring procedure and process water quality monitoring plan to continuously monitor process water quality.</p> <p>Big Want checks the water quality of the ETP system every day to ensure the normal operation of the ETP, and has developed a monitoring plan for wastewater discharge to ensure that the quality of wastewater discharged meets the control requirements.</p> <p>Big-Want tracks the progress of its Water Stewardship targets every month.</p> <p>Evidences:<br/>Water quality sampling location information and water quality test records of Maqiao River; Big-Want's drinking water monitoring process and drinking water test records; Operation Standard for Water Purification for Big-Want; Operation standard of wastewater treatment system for Big-Want</p> |  |
| 3.4.2   | <i>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.</i>   | <br>Yes |
| Comment | <p>For internal control, Big-Want has defined the stricter discharge limits for COD and NH3-N emission concentration of wastewater pollutants,<br/>COD: emission permit 500ppm; Internal control standard: 300ppm<br/>NH3-N: emission permit 45ppm; Internal control standard 20ppm<br/>Big-Want continuously tracks the quality of its discharged wastewater and optimizes the operation of its wastewater treatment system to ensure that its discharged wastewater 100% meets its internal control objectives. The testing reports showed that the discharged water quality meets the internal control standard. No extra action is required at this stage.</p> <p>Evidences:<br/>Operation standard of wastewater treatment system for Big-Want; Internal wastewater test and analysis records.</p>  |  |
| 3.5     | <i>Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.</i>  |  |
| 3.5.1   | <i>Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.</i>   | <br>Yes |
| Comment | <p>There are no Important Water-Related Areas in the site.<br/>For IWRA in catchment, the site has perform the 'River Patrol' activities. They join the group of App developed by NGO. When the employees patrol the neighbour river, they can take photos and uploaded to the app to reflect the updated status of the river.</p>   |  |
| 3.5.2   | <p><i>Advanced Indicator</i><br/><i>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.</i></p>   | <br>No  |

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| <b>3.5.3</b> | <i>Advanced Indicator</i><br><i>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.</i>  | <br>No    |
| <b>3.6</b>   | <i>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.</i>   |  |
| <b>3.6.1</b> | <i>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.</i>   | <br>Yes   |
| Comment      | <p>Big-Want has made standard toilet cleaning quality management cards and posted them to each toilet; Big-Want has formulated sanitary standards and procedures for toilets to ensure that toilets continuously meet the requirements of sanitary standards.</p> <p>Big-Want formulated drinking water management requirements for employees, and made standard drinking water dispenser management cards and posted them at each drinking water point to facilitate monitoring their maintenance.</p> <p>Big-Want also conducts WBCSD self-assessment to evaluate the level of onsite WASH.</p> <p>Big-Want investigates the distribution of drinking water points and toilet facilities within the site, and analyses the adequacy of these facilities based on the standards WBCSD and "GB 31177-2014 Student Dormitory Hygiene Requirements and Management Code"</p> <p>Evidences:<br/>Big-Want's drinking water management requirements for employees; Drinking water test reports; WBCSD self-assessment sheet</p> |  |
| <b>3.6.2</b> | <i>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.</i>   | <br>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 Big-Want's employees, local community and local government authorities.   |  |
| <b>3.6.3</b> | <i>Advanced Indicator</i><br><i>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.</i>  | <br>Yes |
| Comment      | <p>Big-Want has taken series of actions to support the provision to stakeholders in the catchment of access to safe drinking water, adequate sanitation and hygiene awareness, including:</p> <ul style="list-style-type: none"> <li>- Provision to all employees of access to safe drinking water, adequate sanitation and hygiene awareness, and adoption of WSCSD self-assessment tool;</li> <li>- Big-Want kept in touch with local communities, schools and the Red Cross Federation, and launched a series of donation activities to care for vulnerable groups, pay attention to the healthy growth of children, and help local people to prevent COVID-19. For example, on March 31, 2022, Big Want donated 470000 yuan worth of materials to Wangcheng Red Cross Society to support front-line personnel in COVID-19 prevention</li> </ul> <p>Evidences:<br/>Big-Want's WSCSD Self-assessment Tool; Photo records of the donation activity</p>   |  |
| Score        | 5   |  |
| <b>3.6.4</b> | <i>Advanced Indicator:</i><br><i>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.</i>  | <br>No  |



**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. Big-Want has carried out a series of actions to improve the water management ability of suppliers and promote suppliers to disclose environmental violations to achieve Big-Want's indirect water use targets. Big-Want tracks the achievement status of its targets, and actions are quantified.

Big-Want conducted a questionnaire survey on suppliers, including all raw material suppliers (milk powder, sugar, condensed milk), about 97% auxiliary material (chemical) suppliers, and 100% packaging material suppliers, and analyzed the indirect water used by suppliers according to the questionnaire.

On September 16, 2022, Big-Want invited suppliers to participate in the AWS training organized by Big Want. The trainer was an expert from AWS.

Big-Want screened the environmental violation records of suppliers on the IPE platform, and required suppliers with violation records in recent three years to provide them with information on violations and rectification records. At present, Big-Want has promoted one supplier to submit feedback materials on violation records.

**Evidences:**

Suppliers' water risk analysis records; Records of eliminating suppliers' environmental non-compliance from the IPE's website

**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**

On September 16, 2022, Big-Want invited suppliers to participate in the AWS training organized by Big-Want. The trainer was an expert from AWS. Through this training, Big Want asked suppliers to provide: water balance analysis, define the boundary of the basin and water related public facilities, to identify the risks and opportunities of suppliers' own water management. A total of 4 suppliers provided feedback materials.

Big-Want screened the environmental violation records of suppliers on the IPE platform, and required suppliers with violation records in recent three years to provide them with information on violations and rectification records. At present, Big-Want has promoted one supplier to submit feedback materials on violation records.

**Evidences:**

Suppliers AWS training records; Records of eliminating suppliers' environmental non-compliance from the IPE's website

**3.7.3** *Advanced Indicator*  
*Actions taken to address water related risks and challenges related to indirect water use outside the catchment shall be documented and evaluated.*



Yes

**Comment**

On September 16, 2022, Big-Want invited suppliers to participate in the AWS training organized by Big-Want. The trainer was an expert from AWS. Through this training, Big Want asked suppliers to provide: water balance analysis, define the boundary of the basin and water related public facilities, to identify the risks and opportunities of suppliers' own water management. A total of 4 suppliers provided feedback materials.

Big-Want screened the environmental violation records of suppliers on the IPE platform, and required suppliers with violation records in recent three years to provide them with information on violations and rectification records. At present, Big-Want has promoted one supplier to submit feedback materials on violation records.

**Evidences:**

Suppliers AWS training records; Records of eliminating suppliers' environmental non-compliance from the IPE's website



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Score 6

**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** Big-Want actively cooperates with the government supervision department to conduct supervisory inspections and visits.  
Big-Want keeps close contact with local water-related infrastructure owners through many ways such as Wechat, e-mail or phone call.

Evidences:

The record of the site's communication with the water infrastructure

**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** Big-Want has formulated AWS management operating system procedures to standardize its water management.  
In November 2021, Big-Want arranged 28 managers to participate in AWS foundation training program, and a total of 10 employees obtained training completion certificates.

Evidences:

Big-Want's AWS management operating system procedures; Records of participation in AWS foundation training program

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



Yes

**Comment** Big-Want has formulated plans to reduce water consumption, improve water quality and improve water management, and follow up the progress of the plan.  
Big-Want has formulated the 2022 water management implementation plan, which includes a number of implementation projects to improve the water efficiency of the site, such as:  
- Recycle the cleaning water of activated carbon filter tank. The overall loss of carbon tank cleaning water is 6% - 15%. Now, part of the recycled cleaning water is used as make-up water for the cooling water tower.  
- Recycle part of ETP treated wastewater for greening and flushing.  
- Due to the control of chlorate concentration in the incoming water, Big-Want needs to add RO treatment process in the water purification process, but this also leads to an increase of about 17% in the drainage volume. To reduce wastewater discharge and improve the utilization efficiency of water resources, Big-Want plans to use groundwater as its secondary water source. The water well project is currently under demonstration and approval.  
- The heat energy recovery of sterilization kettle in iron can production line is improved. Thermal insulation pipes and valves are used to reduce heat loss, and the steam condensate generated in the pretreatment process is recycled to the sterilization kettle for reuse.  
- Renovation of steam pipeline to improve steam utilization.

Evidences:

Summary of implementation of sustainable water management projects

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








Yes

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|              |  |  |
|--------------|--|--|
| Comment      | For internal control, Big-Want has defined the stricter discharge limits for COD and NH3-N emission concentration of wastewater pollutants,<br>COD: emission permit 500ppm; Internal control index: 300ppm<br>NH3-N: emission permit 45ppm; Internal control index 20ppm<br><br>Evidences:<br>Operation standard of wastewater treatment system for Big-Want; Internal wastewater test and analysis records  |  |
| <b>3.9.4</b> | <i>Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.</i>   | <br>Yes   |
| Comment      | There are no Important Water-Related Areas in the site.<br>For IWRA in catchment, the site has perform the 'River Patrol' activities. They join the group of App developed by NGO. When the employees patrol the neighbour river, they can take photos and uploaded to the app to reflect the updated status of the river.   |  |
| <b>3.9.5</b> | <i>Actions towards achieving best practice related to targets in terms of WASH shall be implemented.</i>   | <br>Yes   |
| Comment      | Big-Want has made standard toilet cleaning quality management cards and posted them to each toilet; Big-Want has formulated sanitary standards and procedures for toilets to ensure that toilets continuously meet the requirements of sanitary standards.<br>Big-Want formulated drinking water management requirements for employees, and made standard drinking water dispenser management cards and posted them at each drinking water point to facilitate monitoring their maintenance.<br>Big-Want also conducts WBCSD self-assessment to evaluate the level of onsite WASH. According to the self-assessment results, Big-Want reached 1.9 points (If the total score exceeds 1.8, the result of the self-assessment can be considered satisfactory)<br>Big-Want investigates the distribution of drinking water points and toilet facilities within the site, and analyses the adequacy of these facilities based on the standards WBCSD and "GB 31177-2014 Student Dormitory Hygiene Requirements and Management Code"<br><br>Evidences:<br>Big-Want's drinking water management requirements for employees; Drinking water test reports; WBCSD self-assessment sheet |  |
| <b>3.9.6</b> | <i>Advanced Indicator<br/>Achievement of identified best practice related to targets in terms of good water governance shall be quantified.</i>  | <br>Yes |
| Comment      | Big-Want has formulated AWS management operating system procedures to standardize its water management.<br>In November 2021, Big-Want arranged 28 managers to participate in AWS foundation training program, and a total of 10 employees obtained training completion certificates.<br><br>Evidences:<br>Big-Want's AWS management operating system procedures; Records of participation in AWS foundation training program   |  |
| <b>3.9.7</b> | <i>Advanced Indicator<br/>Achievement of identified best practice related to targets in terms of sustainable water balance shall be quantified.</i>  | <br>No  |
| <b>3.9.8</b> | <i>Advanced Indicator<br/>Achievement of identified best practices related to targets in terms of water quality shall be quantified</i>  | <br>Yes |

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|               |   |  |
|---------------|---|--|
| Comment       | For internal control, Big-Want has defined the stricter discharge limits for COD and NH3-N emission concentration of wastewater pollutants,<br>COD: emission permit 500ppm; Internal control index: 300ppm<br>NH3-N: emission permit 45ppm; Internal control index 20ppm  |  |
|               | Evidences:<br>Operation standard of wastewater treatment system for Big-Want; Internal wastewater test and analysis records   |  |
| Score         | 8   |  |
| <b>3.9.9</b>  | <i>Advanced Indicator</i><br><i>Achievement of identified best practices related to targets in terms of the site's maintenance of Important Water-Related Areas have been implemented.</i>  | <br>No    |
| <b>3.9.10</b> | <i>Advanced Indicator</i><br><i>Achievement of identified best practice related to targets in terms of WASH shall be quantified.</i>  | <br>Yes   |
| Comment       | Big-Want has made standard toilet cleaning quality management cards and posted them to each toilet; Big-Want has formulated sanitary standards and procedures for toilets to ensure that toilets continuously meet the requirements of sanitary standards.<br>Big-Want formulated drinking water management requirements for employees, and made standard drinking water dispenser management cards and posted them at each drinking water point to facilitate monitoring their maintenance.<br>Big-Want also conducts WBCSD self-assessment to evaluate the level of onsite WASH. According to the self-assessment results, Big-Want reached 1.9 points (If the total score exceeds 1.8, the result of the self-assessment can be considered satisfactory)<br>Big-Want investigates the distribution of drinking water points and toilet facilities within the site, and analyses the adequacy of these facilities based on the standards WBCSD and "GB 31177-2014 Student Dormitory Hygiene Requirements and Management Code" |  |
|               | Evidences:<br>Big-Want's drinking water management requirements for employees; Drinking water test reports; WBCSD self-assessment sheet   |  |
| Score         | 4   |  |
| <b>3.9.11</b> | <i>Advanced Indicator</i><br><i>A list of efforts to spread best practices shall be identified.</i>   | <br>Yes |
| Comment       | Want Want Group and its subsidiaries, together with GREEN PARTNERSHIP OF INDUSTRIAL, ECOLAB, AWS and Qiandao Lake Water Fund, jointly shot a promotional video to advocate the concept of sustainable water management.<br>On March 15, 2022, relevant personnel from Changsha Water Conservancy Bureau and Wangcheng Water Conservancy Bureau went to Big-Want's Water Treatment System for onsite investigation, and Big-Want shared their water management practices with them   |  |
|               | Evidences:<br>Promotion video of sustainable water management concept   |  |
| Score         | 3   |  |
| <b>3.9.12</b> | <i>Advanced Indicator</i><br><i>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.</i>   | <br>Yes |

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### Comment

1. On November 25, 2022, Big-Want, together with a local NGO, government departments, surrounding enterprises and communities in Changsha, carried out a beach cleaning activity in the Xiangjiang River basin with the theme of "Protecting the Xiangjiang Mother River and guarding the clear water resources" to advocate participating in improving the water resource environment with stakeholders in the basin and raising the public's awareness of water environment protection. During the activity, 120 kg of river wastes were cleared
2. On October 25, 2022, Big-Want, together with two other subsidiaries of Want-Want Group in Changsha, and Xinkang Village Committee in Wangcheng District, carried out a cycling activity with the theme of "Protecting the Xiangjiang Mother River and guarding the clear water resources". Participants rode to the riverside and cleaned up the garbage on the beach.
3. During the summer vacation in 2022, Wushan Neighborhood, a neighboring community, cooperated with Big-Want, organized pupils from surrounding schools to visit Big-Want Factory, and promoted the concept of water conservation to children. About 40 pupils participated in the activity.

### Evidences:

Invitation Letter of Big-Want for Protecting the Xiangjiang Mother River and guarding the clear water resources"; Activity plan, on-site photos, and public articles on the activity issued by NGO

### Score

8

### 3.9.13

#### Advanced Indicator

*Evidence of the quantified improvement that has resulted from the collective action relative to a site-selected baseline date shall be identified and evidence from an appropriate range of stakeholders linked to the collective action (including both those implementing the action and those affected by the action) that the site is materially and positively contributing to the achievement of the collective action shall be identified.*



No

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| 4       |  | STEP 4: EVALUATE - Evaluate the site's performance.   |
|---------|--|---|
| 4.1     | <i>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.</i>   |   |
| 4.1.1   | <i>Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.</i>   | <br>Yes    |
| Comment | <p>Hunan Big Want's Water Stewardship" 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 2022 water management plan has 15 objectives.</p> <p>The water management plan states that each objective can be associated with several main outcomes of the standard. Each objective has defined good practices, actions, targets, cost/benefit, desired outcomes, responsible party, partners, start date, end date, status and priority. This design makes it possible to identify the progress of each objective, and as it is updated every year, it is possible to identify its contribution and compare it with the established deadlines.</p> |   |
| 4.1.2   | <i>Value creation resulting from the water stewardship plan shall be evaluated.</i>  | <br>Yes    |
| Comment | <p>The site analysed its costs and value creation resulting from the implementation of water stewardship plan, especially the implementation of water-saving projects.</p> <p>For example, recycling the condensate water from the pretreatment to the sterilization kettle for reuse. This project may save about 230000 RMB per year.</p>  |   |
| 4.1.3   | <i>The shared value benefits in the catchment shall be identified and where applicable, quantified.</i>  | <br>Yes  |
| Comment | <p>Through holding the publicity campaign regarding environmental protection and water saving, the public' awareness of environmental protection was greatly promoted.</p> <p>The site performed the online water stewardship training to their suppliers, to increase the awareness on water and shared the water stewardship practices with the suppliers.</p> <p>The site also organized river bank cleaning activities, and about 20 external stakeholders were invited. In addition, the site has monitored the water quality of neighbouring river- Ma Qiao River and shared the testing results with local environmental protection authority.</p>  |   |
| 4.1.4   | <i>Advanced Indicator</i><br><i>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.</i>  | <br>No   |
| Comment | The site does not perform this indicator.  |   |
| 4.2     | <i>Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.</i>   |   |
| 4.2.1   | <i>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.</i>  | <br>Obs. |
| Comment | <p>The site presents its emergency response procedure and plan identifying proposed preventive and corrective actions, as well as measures to mitigate future incidents.</p> <p>No water-related emergencies and extreme events occurred at the site in recent years.</p>  |   |

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|--------------|--|--|
| <b>4.3</b>   | <i>Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.</i>  |  |
| <b>4.3.1</b> | <i>Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.</i>   | <br>Yes   |
| Comment      | The site performed a satisfaction survey regarding its water stewardship performance in 2022 via internet, where 308 people participated the survey.<br>The survey results showed that 96% are very satisfied with or satisfied with Hunan Big Want's water stewardship.   |  |
| <b>4.3.2</b> | <i>Advanced Indicator<br/>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.</i>   | <br>Yes   |
| Comment      | The site performs satisfactory survey to stakeholders to collect their feedback.<br>The site also pay visit to the local environmental Bureau, so obtained their feedback and suggestion on the AWS performance and future improvement.  |  |
| Score        | 6  |  |
| <b>4.4</b>   | <i>Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.</i>  |  |
| <b>4.4.1</b> | <i>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.</i>  | <br>Yes |
| Comment      | The site has developed a 'AWS Management Manual', which specifies that its water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations annual.<br>The site provided the 2021 and 2022 water stewardship plan, the improvement has been made. |  |

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| 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.  | <br>Yes   |
| Comment | The site disclosed the site's internal governance in relation to water, communication on sustainable water management issues on its company website<br><a href="https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf">https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf</a>                               |  |
| 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.   | <br>Yes   |
| Comment | The site disclosed the site's water stewardship plan in following ways:<br>1. Satisfactory survey<br>2. River bank cleaning activity in Oct. and Nov. 2022.<br>3. Company website<br><a href="https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf">https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf</a> |  |
| 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.   | <br>Yes |
| Comment | The site disclosed the site's water stewardship performance on its company website<br><a href="https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf">https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf</a>  |  |
| 5.3.2   | <b>Advanced Indicator</b><br>The site's efforts to implement the AWS Standard shall be disclosed in the organization's annual report.  | <br>Yes |
| Comment | CSR report and CDP report of the sites annually disclose its implementation of water stewardship against the AWS Standard.   |  |
| Score   | 1  |  |
| 5.3.3   | <b>Advanced Indicator</b><br>Benefits to the site and stakeholders from implementation of the AWS Standard shall be quantified in the organization's annual report.  | <br>No  |
| Comment | The site does not perform this indicator.  |  |

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|--------------|---|--|
| <b>5.4</b>   | <i>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.</i>  |  |
| <b>5.4.1</b> | <i>The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.</i>  | <br>Yes   |
| Comment      | The site disclosed the site's share water-related challenges and efforts on its company website <a href="https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf">https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf</a>   |  |
| <b>5.4.2</b> | <i>Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.</i>   | <br>Yes   |
| Comment      | Through holding the publicity campaign regarding environmental protection and water saving, the public' awareness of environmental protection was greatly promoted.<br>The site performed the online water stewardship traing to their suppliers, to increase the awarness on water and shared the water stewardship practices with the suppliers.<br>The site also organized river bank cleaing activities, and about 20 external stakeholders were invited..<br>The site performed satisfactory survey to the stakeholders.<br>The site communicated AWS information on company website <a href="https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf">https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf</a> |  |
| <b>5.5</b>   | <i>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.</i>   |  |
| <b>5.5.1</b> | <i>Any site water-related compliance violations and associated corrections shall be disclosed.</i>  | <br>Yes |
| Comment      | The site disclosed the site's internal governance in relation to water, communication on sustainable water management issues on its company website <a href="https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf">https://www.want-want.com/upload/files/2022/11/%E6%B9%96%E5%8D%97%E5%A4%A7%E6%97%BA%E9%A3%9F%E5%93%81%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8%E2%80%94AWS%E6%B0%B4%E7%AE%A1%E7%90%86%E4%BF%A1%E6%81%AF%E6%8A%AB%E9%9C%B2%E6%8A%A5%E5%91%8A.pdf</a><br><br>A procedure to manage non-conformance and related corrective action is developed, there is no compliance violation identified in past few years.   |  |
| <b>5.5.2</b> | <i>Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.</i>   | <br>Yes |
| Comment      | A procedure to manage non-conformance and related corrective action is developed, there is no compliance violation identified in past few years.  |  |
| <b>5.5.3</b> | <i>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.</i>   | <br>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.   |  |



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## Alliance for Water Stewardship (AWS)

Audit Number: AO-000477

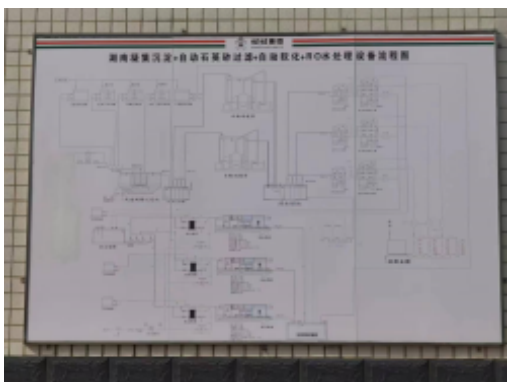
### Photographic Evidence from Audit



Hazardous waste storage area.jpg



Potable water.jpg



Flow Chart of Incoming Water Purification Treatment.jpg

# CERTIFICATION REPORT

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Wastewater discharge outlet.jpg



Incoming water purification treatment facility-2.jpg



Discharge online monitoring room.jpg

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Toilet cleaning management card.jpg



Toilet.jpg



Wastewater Treatment Process Flow Chart.jpg

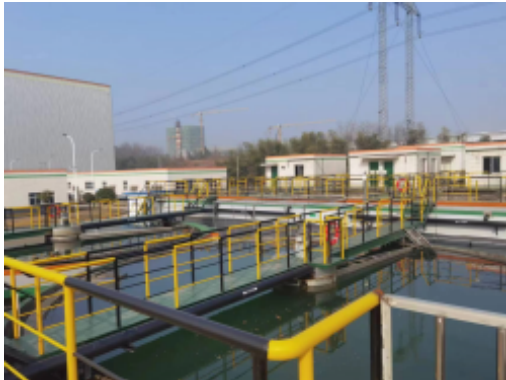
Yes

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Comment      Some photos were taken during the virtually site visit.



Wastewater treatment plant.jpg



Hazardous chemical warehouse.jpg



Hazardous chemical warehouse-2.jpg

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Hazardous chemical storage area.jpg



Incoming water purification treatment facility.jpg



TUV Rheinland (Guangdong) Ltd.

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Wastewater reuse equipment.jpg