

# CERTIFICATION REPORT

## Alliance for Water Stewardship (AWS)



Audit Number: AO-000471

### SITE DETAILS

Site: **Xian Janssen Pharmaceutical Ltd.**

Address: 19 Cao tang Si Lu, Xian city, China, Shaanxi, China, 710300, Xian, Shaanxi, CHINA

Contact Person: Yinhong Li

AWS Reference Number: AWS-000360

Site Structure: Single Site

### CERTIFICATION DETAILS

Certification status: Certified Platinum

Date of certification decision: 2022-Dec-02

Validity of certificate: 2025-Dec-01

### AUDIT DETAILS

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

Audit Type(s): Initial Audit

Audit Start Date: 2022-Nov-29

Lead Auditor: Ian Jiang (TUV Rheinland)

Audit team participants:

Layla Chen (TUV Rheinland)

TUV Rheinland (Guangdong) Ltd.

No. 199 Kezhu Road Guangzhou Science City/Guangzhou, UNITED KINGDOM

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### ADDITIONAL INFO

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

No action was requested to do.

The audit team recommends certification of Xi'an Janssen Pharmaceutical Ltd. at Platinum level.

**Scope of Assessment:** The scope of services covers the Initial certification audit for assessing conformity of Xi'an Janssen Pharmaceutical Ltd. against the AWS International Water Stewardship Standard Version 2.

Xi'an Janssen Pharmaceutical Ltd. located at No.19 Caotang 4th Road, Caotang Science and Technology Industrial Base, Xi'an High-tech Zone, Xi'an, Shannxi Province, China. The main products include tablet, cream, powder, capsule and suppository of different medicines. Main production process consists of formulation, filling and packing. The site covers an area of 130000 square meters, with a total construction area over 40000 square meters. At present, the number of employees is about 320.

The audit was conducted remotely from 29th November 2022 to 2nd December 2022. 12.02, 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:

Mr. Pan, Xi'an High-tech zone Environmental Protection Bureau

Mr. Li: Xi'an High-tech zone Environmental Monitoring Station

Mr. Zhang: Municipal water plant

Ms. Zhang: Neighborhood resident

Mr. Qin; supplier / Mr. Liang; supplier / Ms. Liu; supplier/ Mr. Zha; supplier

### SCORE

103.00

### FINDINGS

#### NUMBER OF FINDINGS PER LEVEL

|             |   |
|-------------|---|
| Observation | 3 |
|-------------|---|

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### FINDING DETAILS

|                    |                                                                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Finding No:        | TNR-002742                                                                                                                                                                                                             |
| Checklist Item No: | 1.7.2                                                                                                                                                                                                                  |
| Status:            | Open                                                                                                                                                                                                                   |
| Finding level:     | Observation                                                                                                                                                                                                            |
| Checklist item:    | Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.                                               |
| Findings:          | The opportunities identified by the factory are relatively broad, and it should be more specific. Further improvement is recommended.                                                                                  |
| Finding No:        | TNR-002741                                                                                                                                                                                                             |
| Checklist Item No: | 1.8.1                                                                                                                                                                                                                  |
| Status:            | Open                                                                                                                                                                                                                   |
| Finding level:     | Observation                                                                                                                                                                                                            |
| Checklist item:    | Relevant catchment best practice for water governance shall be identified.                                                                                                                                             |
| Findings:          | Some of the collected water governance best practices are for the government agencies and not applicable to manufacturer, and it is recommended to broaden the collection channels (such as China Energy Sprint Team). |
| Finding No:        | TNR-002743                                                                                                                                                                                                             |
| Checklist Item No: | 5.1.1                                                                                                                                                                                                                  |
| Status:            | Open                                                                                                                                                                                                                   |
| Finding level:     | Observation                                                                                                                                                                                                            |
| Checklist item:    | The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.                                                      |
| Findings:          | The AWS disclosure page cannot be found directly on the company's website homepage. It is recommended to set up specific areas on the homepage to place the link.                                                      |

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### Report Details

| Report                    | Value             |
|---------------------------|-------------------|
| Report prepared by        | Ian Jiang         |
| Report approved by        | Mia Antoni-Naidoo |
| Report approved on (Date) | 27 February 2023  |

### Surveillance

**Proposed date for next audit**  
2023-Dec-02

### Stakeholder Announcements

| Date of publication | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26/10/2022          | <a href="https://www.xian-janssen.com.cn/article/2923">https://www.xian-janssen.com.cn/article/2923</a>                                                                                                                                                                                                                                                                                                                                                                                               |
| 29/10/2022          | <a href="https://www.tuv.com/content-media-files/greater-china/about-us/downloads/aws-stakeholder-announcement-tuv-gd-xian-janssen-pharmaceutical-ltd.%E8%A5%BF%E5%AE%89%E6%9D%A8%E6%A3%AE%E5%88%B6%E8%8D%AF%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8.pdf">https://www.tuv.com/content-media-files/greater-china/about-us/downloads/aws-stakeholder-announcement-tuv-gd-xian-janssen-pharmaceutical-ltd.%E8%A5%BF%E5%AE%89%E6%9D%A8%E6%A3%AE%E5%88%B6%E8%8D%AF%E6%9C%89%E9%99%90%E5%85%AC%E5%8F%B8.pdf</a> |
| 29/10/2022          | <a href="https://a4ws.org/wp-content/uploads/2022/11/AWS-000360-Xian-Janssen-2022-Stakeholder-Announcement.pdf">https://a4ws.org/wp-content/uploads/2022/11/AWS-000360-Xian-Janssen-2022-Stakeholder-Announcement.pdf</a>                                                                                                                                                                                                                                                                             |

### Catchment Information

#### Catchment Information

The site located at Taiping River basin which is a sub-basin of Fenghe River basin. The main water resource is Jinpan Reservoir which is located in Heihe River. Both the Fenghe River and Heihe River are sub-basins of the Weihe River basin, the largest tributary of the Yellow River.

Fenghe River, a tributary of the right bank of the Weihe River, is located in the southwest of Xi'an. The Fengyu River originates from the south Yanzigou on the north slope of the Qinling Mountains, flows through Weiziping, Gaoguan, Taiping, and Qie Rivers. It flows northward through Fenghui and Lingnuo to Gaoqiao and enters Xianyang City. It flows in parallel with the Weihe River in the east, and enters the Weihe River in the west of Caotan Farm. The whole river is 78 kilometers long, with the watershed area of 1386 square kilometers, and an average runoff of 480 million cubic meters.

Heihe River, a tributary on the right bank of Weihe River, is located in Zhouzhi County. The source is Eryehai (3650 meters above sea level) on the south slope of the east of Taibai Mountain. It flows through Houganzi, the Neck of Camel to Yukou. The catchment area is about 1500 square kilometers, most of which are covered by forests. 675 square kilometers have been designated as the national nature reserve and an important water source in Xi'an. After Yukou, the river flows through Shagudui and Dongjiayuan, and then flows into the Weihe River in Shima Village. The whole river is 125.8 kilometers long, a runoff depth of 362 mm, and an average annual runoff of 817 million cubic meters.

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### Client Description and Site Details

#### Client/Site Background

Xi'an Janssen is a pharmaceutical manufacturer, one of the subsidiary of Johnson & Johnson Group. Xi'an Janssen occupied about 135000 square meter, and has about 320 employees. The main product including various medicine, including the form of cream, tablet, capsule, powder and suppository. The manufacturing process contains formulation-mixing-filling-packing. The site does not generate industrial wastewater, except for wastewater from cleaning process. All the wastewater will be treated by site's wastewater treatment plant and then discharged into municipal wastewater plant.

### Summary of Shared Water Challenges

#### Summary of Shared Water Challenges

The site has identified four shared water challenges:

Priority as one is the shortage of water resource. The large basins, namely the Yellow River basin and the Weihe River basin, are facing the challenge of water shortage. but in the small basin, there is no shortage of water resources in the Heihe River basin where Xi'an Janssen is located.

The distribution of water resources in the year is uneven, with 50%~70% of annual runoff concentrated in July to October, and most of them occur in the form of flood, which is difficult to use.

Water quality, priority as two. Rainy weather, flooding, insufficient treatment capacity of the water plant or damage of the water pipe network may affect the water quality.

Waterways and irrigation, priority as three. There are villages and farmland in the basin. The source, quality and quantity of irrigation water directly affect farmland irrigation. The uneven distribution of precipitation and unstable water quality of the river affect farmland irrigation.

climate change, priority as four. Affected by climate change, the frequency of extreme weather increases. The basin where the factory is located has many high temperature weather in summer and uneven precipitation distribution.

### 0.1 General Requirements for Single Sites, Multi-Sites and Groups

#### 0.1.1 Eligibility Criteria

0.1.1.1 The site(s) occupy one catchment OR an exception has been granted.



Yes

0.1.1.2 The scope of the proposed certification shall be under the control of a single management system.



Yes

0.1.1.3 The scope of the proposed certification shall be homogeneous with respect to primary production system, water management, product or service range, and the main market structures.







Yes

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| 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   | <i>The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:</i> <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>                                                                                                      | <br>Yes   |
| Comment | Xian Janssen developed a Background Survey Report, and it contains Water-related Risks, Opportunities and Challenges, Site layout, water supply and drainage diagram (final acceptance point) , and other information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| 1.2     | <i>Understand relevant stakeholders, their water related challenges, and the site's ability to influence beyond its boundaries.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                              |
| 1.2.1   | <i>Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:</i> <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> | <br>Yes |
| Comment | Xian Janssen established a stakeholder identification procedure, and identified key stakeholders such as government, employees, clients, infrastructures, NGOs, surrounding factories and suppliers etc. The key contacts of different stakeholders were also specified. Xian Janssen communicated with stakeholder via stakeholder meetings, seminars, trainings, emails, hotlines, etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                              |
| 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <br>Yes |
| Comment | The degree of influence between site and stakeholder has been identified of each stakeholder.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                              |
| 1.3     | <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                              |
| 1.3.1   | <i>Existing water-related incident response plans shall be identified.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <br>Yes |

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|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Comment      | The facility has developed the environmental emergency incidents response plan. Several water-related emergency action plans are also instituted.<br>The scenarios of potential incidents include wastewater pollution; water supply inadequate and extreme weather etc.                                                                                                                                      |          |
| <b>1.3.2</b> | <i>Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped</i>                                                                                                                                                                                                                                                                                                    | ✓<br>Yes |
| Comment      | Xian Janssen collected the water balance data daily, including inflows, losses, storage, and outflows, and established a water balance chart annually.                                                                                                                                                                                                                                                        |          |
| <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      | Xian Janssen collected the water balance data daily, including inflows, losses, storage, and outflows, so the annual variance could be identified.                                                                                                                                                                                                                                                            |          |
| <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      | The facility monitored various water quality. During audit, following records and documents reviewed:<br>1, Wastewater discharging inspection report<br>2, Quality testing report of water supply<br>3, Potable water inspection report;<br>4.Rainwater testing report<br>5.Ground water testing report                                                                                                       |          |
| <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      | 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 that illustrated the pollution sources, like chemical warehouse, chemical loading area and hazardous waste storage area etc.. |          |
| <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 |
| Comment      | As per document review and interview, no IWRA is within 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      | The water-related costs sheet was provided for review, including<br>1.Water supply invoice;<br>2.Wastewater treatment cost;<br>3.Chemical consumption data; and etc..<br>4.Water quality testing cost<br>5.Sustainability activities which related to water                                                                                                                                                   |          |
| <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 performed the assessment of the WASH level as per WBCSD form and national hygiene standard GBZ 1-2002. The result is satisfied.                                                                                                                                                                                                                                                                      |          |

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|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <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 accessories, 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 Xi'an Janssen. 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. 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 accessories, suppliers of packing material. Questionnaires were sent to collect 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>                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
| <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 Xi'an Janssen; 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 laws and regulations list that contains all legal actions. The document is used by the site to monitor the status of each of the site's legal obligations.                                                                                                                                                                                                                                                                                                                                                   |                                                                                              |
| <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 |



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|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Comment | The Catchment Background Survey Report provides a detailed analysis of water balance for the catchment. 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.                                              |     |
| 1.5.4   | <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>                                                                                       | Yes |
| Comment | The Catchment Background Survey Report provides a detailed analysis of water quality for the catchment. The site obtained the related information from the government website. (Mainly from the Environmental and Ecological Bureau).<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. |     |
| 1.5.5   | <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>                                                                                                                                                                                                                      | Yes |
| Comment | The Catchment Background Survey Report lists the Important Water-Related Area of the catchment. After consultation with the government agencies, totally four IWRAs are identified, including Jinpen Water Reservoir, Taiping Forest Park, Kunming Pool and Fenghui Canal.<br>The status of the IWRAs are collected from the manager authorities' website.                                                                                                           |     |
| 1.5.6   | <i>Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.</i>                                                                                                                                                                                                                                                                                                                          | Yes |
| Comment | The Catchment Background Survey Report lists the existing and planned water-related infrastructure including water supply, flood control and drainage, wastewater treatment, emergency response at provincial, catchment and city levels and water-related objectives. Based on the available information, the water-related infrastructure in the catchment is relatively good.                                                                                     |     |
| 1.5.7   | <i>The adequacy of available WASH services within the catchment shall be identified.</i>                                                                                                                                                                                                                                                                                                                                                                             | Yes |
| Comment | The facility obtained the WASH status in Xi'an from Xi'an Statistical Yearbook for 2021, including the tap water penetration rate, wastewater treatment rate and other data. Overall, the WASH services are good in Xi City.                                                                                                                                                                                                                                         |     |
| 1.5.8   | <i>Advanced Indicator<br/>Efforts by the site to support and undertake catchment level water-related data collection shall be identified.</i>                                                                                                                                                                                                                                                                                                                        | Yes |
| Comment | The site has selected one of neighbour river, Taiping River. They sample water from two monitoring points in upper stream and downstream stream, and performed the water quality testing. Testing parameters consist of pH, SS, TP, COD, NH3-N, DO etc..                                                                                                                                                                                                             |     |
| Score   | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |
| 1.5.9   | <i>Advanced Indicator<br/>The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified.</i>                                                                                                                                                                                                                                                                                                                                  | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |

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|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <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      | <p>The Catchment Background Report identifies the shared challenges within the catchment, including:</p> <ol style="list-style-type: none"> <li>1. Water Scarcity:</li> <li>2. Water Quality</li> <li>3. Health of Waterways and Irrigation facilities</li> <li>4. Climate Change</li> </ol> <p>Meanwhile, based on the analysis of relevance/rationale for stakeholders and relevance/rational for the site, the site has prioritized the shared challenges.<br/>Reference to the of the catchment background survey report.</p> |                                                                                               |
| <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<br/>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. The trend shows the rainfall increased in last a few years. Therefore, the risk of flood may increase. Water shortage may relieve in the future.                                                                                                                                                                                 |                                                                                               |
| Score        | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                               |
| <b>1.6.4</b> | <i>Advanced Indicator<br/>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>N/A  |
| Comment      | The facility does not perform this indicator.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                               |
| <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      | Water risks faced by the site are identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.                                                                                                                                                                                                                                                                                                                                                         |                                                                                               |
| <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>Obs. |
| 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>                                                                                                                                                                                                                                                                                                                                                                    |                                                                                               |

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| <b>1.8.1</b> | <i>Relevant catchment best practice for water governance shall be identified.</i>                                                                                                                                                                                                                                                                                                                     | <br>Obs.  |
| 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>• Information disclosure way and frequency</li></ul> etc.. |                                                                                              |
| <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>• Closed Circulation Reverse Osmosis technology</li><li>• Improve the water production rate of water purification facilities</li><li>• Pharmaceutical industry wastewater recycle technology</li></ul> and etc..                                            |                                                                                              |
| <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 neighbor river, or cope with IWRA's authority to perform the activities. For example, site visiting or learn the knowledge of the IWRA's.                                                                                                                                 |                                                                                              |
| <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 |
| Comment      | The site has identified relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services including: <ul style="list-style-type: none"><li>• GB 5749 Sanitary Standard for Drinking Water</li><li>• GBZ 1-2010 Hygienic standards for the design of industrial enterprises</li></ul>                                                                          |                                                                                              |







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| 2       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | STEP 2: COMMIT & PLAN - Commit to be a responsible water steward and develop a Water Stewardship Plan |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 2.1     | <i>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.</i>                                                                                                                                                                                                                                                                                                  |                                                                                                       |
| 2.1.1   | <i>A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:</i> <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 | A water stewardship commitment to follow all the AWS core criteria has been signed by the General Manager of Xian Janssen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                       |
| 2.1.2   | <i>Advanced Indicator</i><br><i>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.</i>                                                                                                                                                                                                                                                                                                                                                                                                                       | <br>Yes            |
| Comment | A water stewardship commitment to follow all the AWS core criteria has been signed by the General Manager of Xian Janssen. The commitment has been displayed on Xian Janssen's website: <a href="https://www.xian-janssen.com.cn/water">https://www.xian-janssen.com.cn/water</a>                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                       |
| Score   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                       |
| 2.2     | <i>Develop and document a process to achieve and maintain legal and regulatory compliance.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                       |
| 2.2.1   | <i>The system to maintain compliance obligations for water and wastewater management shall be identified, including:</i> <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 | The factory has established the organization chart of water resource management system: <ol style="list-style-type: none"> <li>1. Legal and other requirements compliance assessment control operating system.</li> <li>2. Invite 3rd company to conduct compliance review once a year, and the factory conduct compliance evaluation regularly and when laws are updated.</li> <li>3. Wastewater Management Procedure (TV-SOP-41508, V6.0, 28 February 2022).</li> <li>4. Water and Rainwater Management Procedure(TV-SOP-30816, V7, 28 February 2022).</li> </ol>                                                                                               |                                                                                                       |
| 2.3     | <i>Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                       |
| 2.3.1   | <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 | The factory had Xi'an Janssen-Sustainability 2025 Goals, including water stewardship strategy, such as Good water management system, sustainable water balance, good water quality, important water-related areas, etc. to ensure the organization towards good water stewardship in line with this AWS standard.                                                                                                                                                                                                                                                                                                                                                 |                                                                                                       |

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|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>2.3.2</b> | <p><i>A water stewardship plan shall be identified, including for each target:</i></p> <ul style="list-style-type: none"> <li>- How it will be measured and monitored</li> <li>- Actions to achieve and maintain (or exceed) it</li> <li>- Planned timeframes to achieve it</li> <li>- Financial budgets allocated for actions</li> <li>- Positions of persons responsible for actions and achieving targets</li> <li>- Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.</li> </ul> | <br>Yes   |
| Comment      | Xi'an Janssen has developed a Water Stewardship Plan (Year 2022), which specifies targets, required actions, measurement, status, effectiveness evaluation, accountable and deadline, etc.                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                              |
| <b>2.3.3</b> | <p><i>Advanced Indicator</i></p> <p><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></p>                                                                                                                                                                                                                                                                                                                                       | <br>Yes   |
| Comment      | In 2022, Xian Janssen held a Symposium on AWS with other sites within the same catchment. In the meeting, the site's water stewardship activities were shared with the stakeholders. The meeting records were provided for review.                                                                                                                                                                                                                                                                                                                                                       |                                                                                              |
| Score        | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| <b>2.3.4</b> | <p><i>Advanced Indicator</i></p> <p><i>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.</i></p>                                                                                                                                                                                                                                                                                                                                                  | <br>Yes   |
| Comment      | In 2022, Xian Janssen held a Symposium on AWS with other sites in another catchment. In the meeting, the site's water stewardship activities were shared with the stakeholders. The meeting records were provided for review.                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
| Score        | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| <b>2.3.5</b> | <p><i>Advanced Indicator</i></p> <p><i>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.</i></p>                                                                                                                                                                                                                                                                                                        | <br>Yes |
| Comment      | The list of needs and expectations of environmental stakeholders defines the communication cycle with stakeholders was once a year. The factory used the Stakeholder Questionnaire and Stakeholder meeting to communicate its water stewardship plan. In this process, the factory consulted the opinions of stakeholders and obtained the recognition of the stakeholder.                                                                                                                                                                                                               |                                                                                              |
| Score        | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| <b>2.4</b>   | <i>Demonstrate the site's responsiveness and resilience to respond to water risks</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                              |
| <b>2.4.1</b> | <p><i>A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                              | <br>Yes |
| Comment      | Xian Janssen has identified its water risks covering water governance, sustainable water balance and water quality. Meanwhile, Xian Janssen has also developed Emergency response plan (TV-TEC-170571 V6 2 September 2021), Business Contingency Plan OF RW (TV-SOP-45702, V1, 28 February 2022) and Emergency environmental response plan (YSZY-HJ-YA-002 V2 July 2022) to control and respond to water risks under different scenarios, such as wastewater leakage, equipment failure, natural disasters, water supply interruption, etc                                               |                                                                                              |
| <b>2.4.2</b> | <p><i>Advanced Indicator</i></p> <p><i>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.</i></p>                                                                                                                                                                                                                                                                                                                                             | <br>Yes |

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| Comment | By querying papers related to climate change prediction and climate information released by the local meteorological department, Xian Janssen identified that the water risk of climate change in the basin, and established Emergency plan for natural disaster weather has been formulated to respond to extreme weather. |
| Score   | 6                                                                                                                                                                                                                                                                                                                           |

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| 3 STEP 3: IMPLEMENT - Implement the site's stewardship plan and improve impacts |                                                                                                                                                                                                                                                                         |          |
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| 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.                                                                                                                                                                                     | ✓<br>Yes |
| Comment                                                                         | The site actively cooperates with the government agencies, such as attending the meeting, webinar or consultation hosted by government. The related participation record is provided for review.                                                                        |          |
| 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.                                                                                                                                  | ✓<br>Yes |
| Comment                                                                         | The water rights are respected under legal and regulatory mechanisms, and there is no indigenous people in the catchment area.                                                                                                                                          |          |
| 3.1.3                                                                           | Advanced Indicator<br>Evidence of improvements in water governance capacity from a site-selected baseline date shall be identified.                                                                                                                                     | ✓<br>Yes |
| Comment                                                                         | The factory established the AWS Management Manual (TV-CD-00564 V1.0) to standardize its water management, and implement AWS management on the site and carry out AWS certification. The factory also provided AWS training to workers and management regularly in 2022. |          |
| 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.                                                        | ✓<br>Yes |
| Comment                                                                         | The site has obtained the 2021 excellent case of EHS management issued by China Pharmaceutical Enterprise Management Association. (Obtained in 2022)                                                                                                                    |          |
| 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.                                                                                                                                                                                          | ✓<br>Yes |
| Comment                                                                         | The site has established a procedure to ensure the operation meet the provisions of relevant laws, regulations and other requirements.<br>The site will also conduct compliance evaluation on laws and regulations regularly and keep the records.                      |          |
| 3.2.2                                                                           | Where water rights are part of legal and regulatory requirements, measures identified to respect the water rights of others including Indigenous peoples, shall be implemented.                                                                                         | ✓<br>Yes |
| Comment                                                                         | The water rights are not part of legal and regulatory requirements in this region.                                                                                                                                                                                      |          |
| 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.                                                                                                                                                         | ✓<br>Yes |
| Comment                                                                         | The site has different approaches to achieve the water balance target:<br>•Established an intelligent system to monitoring each equipment's water consumption in real time<br>•Established KPI on water consumption<br>•Implemented different water saving measures     |          |

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| <b>3.3.2</b> | <i>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.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <br>Yes   |
| Comment      | The site has set a middle-term target for water saving, and established a water-saving implementation plan. The target is reduced 22% water consumption in 2024 compared with 2020.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| <b>3.3.3</b> | <i>Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <br>Yes   |
| Comment      | No legally-binding documentation is issued by local government authorities to Xi'an Janssen for the re-allocation of water to social, cultural or environmental needs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                              |
| <b>3.3.4</b> | <i>Advanced Indicator<br/>The total volume of water voluntarily re-allocated (from site water savings) for social, cultural and environmental needs shall be quantified.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <br>N/A   |
| Comment      | The facility does not perform this indicator.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                              |
| <b>3.4</b>   | <i>Implement plan to achieve site water quality targets</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
| <b>3.4.1</b> | <i>Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <br>Yes   |
| Comment      | Xi'an Janssen monitored the water quality of Taiping River (the neighbor river) to understand the catchment water quality.<br>The site has developed a drinking water monitoring process to continuously monitor the quality of drinking water.<br>The site has formulated process water quality monitoring procedure and process water quality monitoring plan to continuously monitor process water quality.<br>The site 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. |                                                                                              |
| <b>3.4.2</b> | <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      | The facility optimizes the washing process to reduce the amount of pollutant, and they also performs the extra API (Active Pharmaceutical Ingredient) testing in wastewater to ensure the API has no impact to environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
| <b>3.5</b>   | <i>Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                              |
| <b>3.5.1</b> | <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      | There are no Important Water-Related Areas in the site. In addition, the site has little influence on the Important Water-Related Areas in the catchment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                              |
| <b>3.5.2</b> | <i>Advanced Indicator<br/>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>                                                                                                                                                                                                                                                                                                                                                             | <br>N/A |
| Comment      | The facility does not perform this indicator.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                              |



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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>N/A   |
| Comment      | The facility does not perform this indicator.                                                                                                                                                                                                                                                                                                                                                                             |                                                                                              |
| <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      | The site assesses the number of toilets according to the industrial hygiene standard, which can meet the standard requirements.<br>The site regularly cleans the pantry and washroom, with corresponding records.                                                                                                                                                                                                         |                                                                                              |
| <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 Xi'an Janssen'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      | Xian Janssen installed water purifiers for surrounding communities.                                                                                                                                                                                                                                                                                                                                                       |                                                                                              |
| 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>N/A |
| Comment      | The facility does not perform this indicator.                                                                                                                                                                                                                                                                                                                                                                             |                                                                                              |
| <b>3.7</b>   | <i>Implement plan to maintain or improve indirect water use within the catchment:</i>                                                                                                                                                                                                                                                                                                                                     |                                                                                              |
| <b>3.7.1</b> | <i>Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.</i>                                                                                                                                                                                                                                                                                      | <br>Yes |
| Comment      | The site conducted a questionnaire survey on suppliers, including all raw material suppliers, and analyzed the indirect water used by suppliers according to the questionnaire.<br>The site 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 recertification records. |                                                                                              |
| <b>3.7.2</b> | <i>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.</i>                                                                                                                                                                                        | <br>Yes |
| Comment      | The site regularly organized the supplier EHS experience exchange meeting. During the meeting, the site will introduce the content of AWS and the actions of how they achieved.                                                                                                                                                                                                                                           |                                                                                              |

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| <b>3.7.3</b> | <i>Advanced Indicator</i><br><i>Actions taken to address water related risks and challenges related to indirect water use outside the catchment shall be documented and evaluated.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <br>Yes   |
| Comment      | The site regularly organized the supplier EHS experience exchange meeting. During the meeting, the site will introduce the content of AWS and the actions of how they achieved. By sharing the case study, the site promotes the suppliers water saving performance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                              |
| Score        | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                              |
| <b>3.8</b>   | <i>Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                              |
| <b>3.8.1</b> | <i>Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <br>Yes   |
| Comment      | The site keeps close communication with the government, municipal water supplier and wastewater treatment plant on any issues during routine operations. The communication is through many ways such as Wechat, phone call or email.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                              |
| <b>3.9</b>   | <i>Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                              |
| <b>3.9.1</b> | <i>Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <br>Yes  |
| Comment      | The site has formulated AWS management operating system procedures to standardize its water management. The management procedure will be reviewed and revised as per legislation and catchment plan. The site has following methods to achieved governance:<br>Developed an intelligent system to monitor the water consumption data in all areas of the site, and established a digital bulletin board to monitor the KPI in real time.<br>Monthly reviewed the water usage KPI and perform analysis.                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
| <b>3.9.2</b> | <i>Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <br>Yes |
| Comment      | The site has formulated plans to reduce water consumption, improve water quality and improve water management, and follow up the progress of the plan.<br>The site 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:<br>- Optimize the regenerator to improve the water production efficiency of soft water, estimated to saving 6000 ton per water year<br>- Use the digital platform to monitor the water consumption point and identified the potential improvement area, estimated to saving 10000 ton per water year<br>- Use reclaimed water as supplement for cooling tower, estimated to saving 20000 ton per water year<br>- Other small optimization projects of the production process<br>The site achieves Level one (the best level) in Cleaning Production Assessment in 2021. |                                                                                              |
| <b>3.9.3</b> | <i>Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <br>Yes |
| Comment      | The site optimizes the cleaning process to reduce the amount of the generated pollutant.<br>The site also performs the wastewater monitoring as per legal compliance, and the result meets the legal requirement. In addition, the site performs extra testing of API in wastewater quality, which is beyond legal requirement, to ensure no negative impact on environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                              |
| <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 |

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|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Comment      | There are no Important Water-Related Areas in the site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                              |
| <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      | <p>The site has made standard toilet cleaning quality management cards and posted them to each toilet; The site has formulated sanitary standards and procedures for toilets to ensure that toilets continuously meet the requirements of sanitary standards.</p> <p>The site 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>The site also conducts WBCSD self-assessment to evaluate the level of onsite WASH. According to the self-assessment results, the result is satisfactory.</p>                                                                                                                                                                                                                                                                                                                           |                                                                                              |
| <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      | <p>The site has formulated AWS management operating system procedures to standardize its water management. The management procedure will be reviewed and revised as per legislation and catchment plan. The site has following methods to achieved governance:</p> <p>Developed an intelligent system to monitor the water consumption data in all areas of the site, and established a digital bulletin board to monitor the KPI in real time.</p> <p>Monthly reviewed the water usage KPI and perform analysis.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                              |
| Score        | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                              |
| <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>Yes |
| Comment      | <p>The site has formulated plans to reduce water consumption, improve water quality and improve water management, and follow up the progress of the plan.</p> <p>The site 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:</p> <ul style="list-style-type: none"> <li>- Optimize the regenerator to improve the water production efficiency of soft water, estimated to saving 6000 ton per water year</li> <li>- Use the digital platform to monitor the water consumption point and identified the potential improvement area, estimated to saving 10000 ton per water year</li> <li>- Use reclaimed water as supplement for cooling tower, estimated to saving 20000 ton per water year</li> <li>- Other small optimization projects of the production process</li> </ul> <p>The site achieves Level one (the best level) in Cleaning Production Assessment in 2021.</p> |                                                                                              |
| Score        | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                              |
| <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 |
| Comment      | <p>The site optimizes the cleaning process to reduce the amount of the generated pollutant.</p> <p>The site also performs the wastewater monitoring as per legal compliance, and the result meets the legal requirement. In addition, the site performs extra testing of API in wastewater quality, which is beyond legal requirement, to ensure no negative impact on environment.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                              |
| Score        | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                              |
| <b>3.9.9</b> | <i>Advanced Indicator<br/>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>Yes |
| Comment      | The facility does not perform this indicator.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                              |

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|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>3.9.10</b> | <b>Advanced Indicator</b><br><i>Achievement of identified best practice related to targets in terms of WASH shall be quantified.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <br>Yes   |
| Comment       | 1. The secondary water supply shall be cleaned twice a year, and the monitoring shall be carried out after cleaning. The peripheral water in important areas such as restaurants shall be monitored, and the Legionella shall be tested once a quarter. This is higher than the regulatory requirements.<br>2. Set the WBCSD target synthesis as 95%, reaching a high level.<br>3. The proportion of toilets and showers is higher than legal requirement.                                                                                                                                                   |                                                                                              |
| Score         | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
| <b>3.9.11</b> | <b>Advanced Indicator</b><br><i>A list of efforts to spread best practices shall be identified.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <br>Yes   |
| Comment       | The site regular hosts the supplier EHS experience exchange meeting, to discuss and share best practices on the EHS matter that includes water issue as well.                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
| Score         | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
| <b>3.9.12</b> | <b>Advanced Indicator</b><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   |
| Comment       | On July 2022, the site organized a water environmental volunteer activity. Totally over 50 volunteers has participated the event, including the representative of some external stakeholders like neighbour companys and municipal water plant. In the event, the volunteers patrolled the Taipingyu river (one of the main down stream rvier of catchment) and clean the waste in the river course and river bank, and they also sample some water to perform water qualtiy testing. Moreover, a small lesson was performed to popularize the water conservation knowledge, and quiz contest was performed. |                                                                                              |
| Score         | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
| <b>3.9.13</b> | <b>Advanced Indicator</b><br><i>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.</i>                                                                                                                        | <br>N/A |
| Comment       | The site does not perform this indicator.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                              |

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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>  Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Comment                                               | <p>Xi'an Janssen'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 29 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>  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>The overall water saving of 2022 was over 110000 ton water.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4.1.3                                                 | <i>The shared value benefits in the catchment shall be identified and where applicable, quantified.</i>  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 EHS management meeting to their suppliers, to increase the awareness on water and shared the water stewardship practices with the suppliers.</p> <p>The site also organized water-related activities, and about 50 people were participated including external stakeholders.</p>                                                                                                                                                                                                                                                                                        |
| 4.1.4                                                 | <i>Advanced Indicator</i>  Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                       | <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Comment                                               | The site performed the management review of the AWS performance, and one of the top managements was presented. During the review, the performance review, summary of experience and future plan were discussed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Score                                                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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>  Yes                                                                                                                                                                                                                                                                                                                                                                      |
| 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.<br>The survey results showed that participants are very satisfied with or satisfied with Xi'an Janssen'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 paid visit to several government agencies in 2022, shared the water performance with them, and 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 established the water stewardship plan in 2023.<br>The site has developed 'Sustainability Development Management Procedure', which specifies that the water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations annually. |                                                                                              |

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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.                                                                                 | Q<br>Obs. |
| 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.xian-janssen.com.cn/water">https://www.xian-janssen.com.cn/water</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. Satisfaction survey<br>2. AWS online webinar<br>3. Company website<br><a href="https://www.xian-janssen.com.cn/water">https://www.xian-janssen.com.cn/water</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.xian-janssen.com.cn/water">https://www.xian-janssen.com.cn/water</a> )<br>Or during the AWS online webinar                          |           |
| 5.3.2   | Advanced Indicator<br>The site's efforts to implement the AWS Standard shall be disclosed in the organization's annual report.                                                                                                                    | ↓<br>N/A  |
| Comment | The site does not perform this indicator.                                                                                                                                                                                                         |           |
| 5.3.3   | Advanced Indicator<br>Benefits to the site and stakeholders from implementation of the AWS Standard shall be quantified in the organization's annual report.                                                                                      | ↓<br>N/A  |
| Comment | The site does not perform this indicator.                                                                                                                                                                                                         |           |
| 5.4     | Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies.                                           |           |
| 5.4.1   | The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.                                                                                                                                       | ✓<br>Yes  |
| Comment | The site disclosed the site's share water-related challenges and efforts on its company website.<br><a href="https://www.xian-janssen.com.cn/water">https://www.xian-janssen.com.cn/water</a>                                                     |           |

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|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <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      | <p>Through holding the publicity campaign regarding environmental protection and water saving on World Environmental Day and World Water Day, the site promotes the stakeholders' awareness, including employees, suppliers and neighbor enterprise.</p> <p>The site performed the online AWS webinar to their suppliers, to increase the awareness on water, and also shared the water stewardship practices with the suppliers.</p> <p>The site also organized river visit and cleaning activities, and about 20 external stakeholders were invited.</p> <p>The site performed satisfactory survey to the stakeholders.</p> <p>The site communicated AWS information on company website.</p> <p><a href="https://www.xian-janssen.com.cn/water">https://www.xian-janssen.com.cn/water</a></p> |                                                                                              |
| <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      | <p>The site disclosed the site's internal governance in relation to water, communication on sustainable water management issues on its company website.</p> <p><a href="https://www.xian-janssen.com.cn/water">https://www.xian-janssen.com.cn/water</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                              |
| <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      | <p>A procedure to manage non-conformance and related corrective action is developed, there is no compliance violation identified in past few years.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              |
| <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      | <p>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.</p> <p><a href="https://www.xian-janssen.com.cn/water">https://www.xian-janssen.com.cn/water</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                              |



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### Photographic Evidence from Audit



Yes

Comment Uploaded the photo taken by the site.



Hazardous waste warehouse (2).jpg



Washing Basin.jpg

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Water conservation bulletin board.jpg



Wastewater discharge point.jpg



Water meter.jpg

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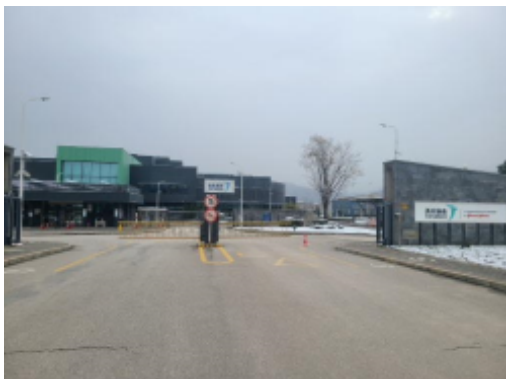
Wastewater treatment plant.jpg



Chemical warehouse.jpg



Discharge online monitoring room.jpg



TUV Rheinland (Guangdong) Ltd.  
No. 199 Kezhu Road Guangzhou Science City/Guangzhou, UNITED KINGDOM

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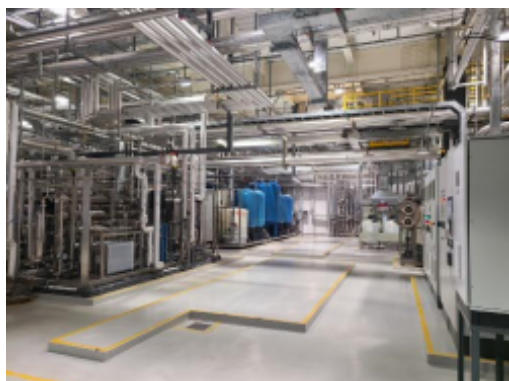
Factory gate.jpg



Hazardous waste warehouse (1).jpg



Eye washing facility.jpg



Purified water system.jpg