

# CERTIFICATION REPORT

## Alliance for Water Stewardship (AWS)



Audit Number: AO-001315

### SITE DETAILS

Site: **Recofarma Industria do Amazonas Ltda**  
Address: Av. Buriti, 190, 69075000, Manaus, Amazonas, BRAZIL  
Contact Person: Enildo Bezerra  
AWS Reference Number: AWS-000747  
Site Structure: Single Site

### CERTIFICATION DETAILS

Certification status: Certified Core  
Date of certification decision: 2025-Jan-23  
Validity of certificate: 2028-Jan-22

### AUDIT DETAILS

Audited Service(s): AWS Standard v2.0 (2019)  
Audit Type(s): Initial Audit  
Audit Start Date: 2024-Oct-15  
Lead Auditor: Rosane Monteiro Borges  
Audit team participants:  
Claudia M. James, Technical expert

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### Site Participants:

Hariade Franca Feitoza, Analyst QSE PI  
Clara Oliveira, Analyst QSE PI  
Cristina Pietzsch, Sustainability Manager  
Maria Clara Chixaro, Communication Assistant  
Ademar Machado, Manager, Occupational Safety  
Enildo Bezerra, Director, QSE  
Thais Whibbe, Finance Manager  
Naiely Ferreira, STA Lab Coordinator  
Richard P. Alcon, Manager, SGI  
Luisa Alexandra Vásquez, Manager, Material Operations - Brazil  
Vaneska Viaro, Manager, SOEL  
Dianna Santos, Lab Analyst  
Giomar Santos, Manager, Planning and Logistics  
Jorge Marcello Monte Rey, Manager, Utilities and Facilities Indus  
Lidiane Santos, Manager, Finance  
Aluizio Ramires Sales de Almeida, Director, Engineering and Maintenance  
Cezar Augusto A. Santos, Utilities Operator  
Gabriel Marambaia, Senior Manager, Project Management  
Aurelio Leandro, STA Senior Manager, Start Up  
Enedina de Souza, Executive Assistant  
Ericson Botelho, Manager, Production  
José D. Ferreira, Manager, Production  
Marcelo Calixto, Director, Production  
Marcela Ruiz, Document Control Systems Analyst  
João Bosco Da Silva Filho, Senior Manager, Maintenance  
Matheus Munir Nascimento, Facilities Leader  
Patrícia Mascarenhas, Occupational Nursing Technician  
Gilfran Oliveira, Utilities Operator  
Jose Alan da Silva Nascimento, Operator - Industrial Oriente

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### ADDITIONAL INFO

**Summary of Audit Findings:** A total of 12 findings were raised during the certification audit, 7 minor non-conformities, 5 observations.

The Client is requested to perform a root cause analysis and define corrective actions for each of the non-conformities and to submit these to WSAS within 30 days of receipt of the audit report, by 17 January 2025.

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

The audit team recommends certification of Recofarma do Amazonas Ltda. at Core level once the corrective actions plans has been approved.

#### CLOSURE OF FINDINGS AND CORRECTIVE ACTION PLAN:

The Client has successfully submitted the corrective action plans addressing all findings. Proof of implementation has been requested for the Minors and this will be evaluated during the Surveillance Audit. The client is requested to upload evidence of implementation prior to the Surveillance Audit.

**Scope of Assessment:** The scope of services covers the Initial certification audit for assessing conformity of Recofarma Indústria do Amazonas Ltda. against the AWS International Water Stewardship Standard Version 2.

Recofarma Indústria do Amazonas Ltda (CPS Manaus), located at Avenida Buriti, 190. Distrito Industrial, Zip Code 69075-000, Manaus City, Amazonas State, Brazil, is a multinational company and a subsidiary of The Coca-Cola Company. Opened in 1990, CPS Manaus is the only beverage concentrate and base plant in Brazil and one of the largest Coca-Cola plants in operation worldwide. It has a direct interface with other concentrate plants, and is directly related to what is called CPS WEST: Commercial Products Supply – Americas and Corporate. It works in 3 shifts with 324 associates (employees) and 402 people hired by third-party companies.

The facility is located in the Municipality of Manaus, composed of several Igarapés, forming a set of approximately 22 micro basins. The largest of these is Igarapé do Quarenta, close to Recofarma de Manaus.

In the Municipality of Manaus, the largest hydrographic networks are those of Tarumã-Açu, Puraquequara and São Raimundo rivers. The region is located at the confluence of the Negro and Solimões rivers, forming the Amazon River. Recofarma do Amazonas captures groundwater from the Alter do Chão Aquifer for domestic and industrial use.

The audit was conducted onsite on 15th to 17th October, 2024.

The onsite site visit included the assessment of: Chemical product deposits, Internal IWRA: Dry dock, Water Treatment Plant, Domestic Effluent Treatment Plant, Industrial Effluent Treatment Plant, Raw Water Collection Wells, Solid Waste Treatment Area, Examples of Water Reuse, Examples of Internal Areas with WASH facilities, part of Recofarma's External Area where the company's domestic and industrial effluents are discharged in Igarapé do Quarenta.

### FINDINGS

#### NUMBER OF FINDINGS PER LEVEL

Observation	5
Minor	7

WSAS

2 Quality Street North Berwick, EH39 4HW, UNITED KINGDOM

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FINDING DETAILS

Finding No:	TNR-013604
Checklist Item No:	1.2.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Oct-17
Checklist item:	<p>Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:</p> <ul style="list-style-type: none"><li>- Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;</li><li>- Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;</li><li>- Provide evidence of stakeholder consultation on water-related interests and challenges;</li><li>- Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;</li><li>- Identify the degree of stakeholder engagement based on their level of interest and influence.</li></ul>
Findings:	<p>The site has not identified all its Stakeholders. During the audit, the existence of vulnerable indigenous groups in the Target Area was evidenced, in addition to the groups initially mapped by Recofarma, within the municipality of Manaus.</p>
Corrective action:	<p>1) Consult specialists in minority and vulnerable group issues to support the process of identifying and consulting stakeholders;</p> <p>2) Review identification methodology;</p> <p>3) Train the team;</p> <p>4) Conduct a comprehensive review of the stakeholder engagement plan;</p> <p>5) Define the review periodicity.</p> <p>Due date: 31-Jul-25</p>

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## Alliance for Water Stewardship (AWS)

Audit Number: AO-001315

Finding No:	TNR-013613
Checklist Item No:	1.3.8
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Oct-17
Checklist item:	Levels of access and adequacy of WASH at the site shall be identified.
Findings:	<p>The company did not make a comparison with the requirements of Regulatory Standard NR-24: Sanitary and Comfort Conditions in the Workplace, which is what Brazilian legislation requires for this item.</p> <p>No adequate space for breastfeeding was identified in the company, as required by Law 14 457-2022: "Employ + Women Program", which amends the CLT so that companies with more than 30 women over the age of 16 have adequate spaces for breastfeeding.</p>
Corrective action:	<p>1) Review the legal requirements: conduct a detailed review of the applicable legal requirements, including Regulatory Standard NR-24 and Law 14.457-2022.</p> <p>2) Conduct a detailed internal audit to identify all areas where the company currently does not meet the requirements of NR-24 and Law 14.457-2022.</p> <p>3) Train the people responsible for implementing and maintaining sanitary conditions in the workplace, as well as for legal compliance management.</p> <p>4) Define a provisional breastfeeding area.</p> <p>5) Design and implement adequate breastfeeding spaces as required by Law 14.457-2022, ensuring these spaces are comfortable, hygienic, and easily accessible.</p> <p>6) Update the sanitary facilities to meet the requirements of NR-24, including aspects such as the availability of drinking water, adequate sanitary facilities, rest and comfort areas.</p>
	Due date: 30-Sep-25
Finding No:	TNR-013783
Checklist Item No:	1.4.1
Status:	Open
Finding level:	Observation
Checklist item:	The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.
Findings:	Recofarma could make new efforts to obtain information related to embedded water use from the input suppliers, seeking to use a new approach, in addition to the emails that were sent.

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## Alliance for Water Stewardship (AWS)

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Finding No: TNR-014905  
Checklist Item No: 1.4.2  
Status: Open  
Finding level: Observation  
Checklist item: The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.  
Findings: Recofarma could make new efforts to obtain information related to embedded water use from the service providers, seeking to use a new approach, in addition to the emails that were sent.

Finding No: TNR-013646  
Checklist Item No: 1.5.1  
Status: In Progress - CA plan approved  
Finding level: Minor  
Due date: 2025-Oct-17  
Checklist item: 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.  
Findings: No assessment by the Company of possible opportunities for water stewardship collective action was evidenced.  
Corrective action:  

- 1) Create and formalize specific procedures for identification and evaluation of opportunities for collective water management action.
- 2) Appoint a team within the organization with a specific task of monitoring and regularly report on initiatives and policies related to water management.
- 3) Conduct training with defined team.
- 4) Develop a plan for participating in potential opportunities for collective water management action.
- 5) Participate in forums, networks and coalitions related to water resource management, where we can collaborate with other stakeholders through collective actions.

  
Due date: 31-Jul-25

Finding No: TNR-013784  
Checklist Item No: 1.5.3  
Status: Open  
Finding level: Observation  
Checklist item: The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.  
Findings: There is insufficient information on the behavior of the aquifer in the Target Area. Efforts should be made to improve knowledge on this subject.

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## Alliance for Water Stewardship (AWS)

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Finding No:	TNR-013678
Checklist Item No:	2.3.2
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Oct-17
Checklist item:	<p>A water stewardship plan shall be identified, including for each target:</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>
Findings:	<p>IN Recofarma's WSP, some evidence was found in relation to what the indicator requests:</p> <ol style="list-style-type: none"><li>1. Planned timeframes to achieve it Columns: Prioritization (Short term - next two years, Long term - 3 to 5 years) and Deadline. For the long term, the progress made in each year is not shown.</li><li>2. Budgets allocated for actions Column Cost (R\$) – Some actions do not have any budget, even approximate.</li><li>3. Where available, note the link between each target and the achievement of best practices to help address shared water challenges and the AWS outcomes No links were identified between targets and best practices. Links to AWS outcomes were identified, which require review, according to what was assessed during the audit.</li></ol>
Corrective action:	<ol style="list-style-type: none"><li>1) Conduct a comprehensive review of the WSP:<ol style="list-style-type: none"><li>1 - Separate annual tabs for tracking actions;</li><li>2 - We can use AWS logos in the outcomes (AWS Results);</li><li>3 - Close costs only with monetary values;</li><li>4 - Identify the start and end of each action;</li><li>5 - Add a column with progress in % of Goal Evaluation;</li><li>6 - Separate Goal Evaluation from KPIs comments;</li><li>7 - Integrate the outcomes (AWS results) with requirement 1.8;</li></ol></li></ol> <p>Due date: 30-Sep-25</p>

Finding No:	TNR-013785
Checklist Item No:	2.4.1
Status:	Open
Finding level:	Observation
Checklist item:	<p>A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.</p>
Findings:	<p>Regarding the Communication Channel with public authorities, the identified Channel is IPAAM (Environmental Agency of the State of Amazonas). Auditees recognized that it is necessary to identify other public channels to deal with matters related to drought and/or other extreme events.</p>

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Finding No:	TNR-013786
Checklist Item No:	3.3.1
Status:	Open
Finding level:	Observation
Checklist item:	Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.
Findings:	The site could keep monitoring improvements in the WUR Indicator versus actions related to the Site's Water Balance
Finding No:	TNR-013730
Checklist Item No:	4.1.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Oct-17
Checklist item:	Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.
Findings:	An assessment by Outcome (contribution to AWS outcomes) was not carried out by the Company.
Corrective action:	<ol style="list-style-type: none"><li>1) Hire specialized consultants in water management and AWS standards to help develop effective performance evaluation methods and link goals to AWS results.</li><li>2) Train and empower the internal team;</li><li>3) Conduct evaluation by Result (contribution to AWS results) to ensure that each evaluation is clearly linked to specific AWS results.</li></ol> <p>Due Date: 30-Sep-25</p>
Finding No:	TNR-013731
Checklist Item No:	5.1.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Oct-17
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:	There was no evidence of disclosure of the requested information of this Indicator outside the Company. Disclosure to employees is not sufficient.
Corrective action:	<ol style="list-style-type: none"><li>1) Designate a specific team or individual responsible for collecting, verifying, and disclosing water governance information to external stakeholders.</li><li>2) Develop a public report format that meets the requirements of AWS and Coca-Cola's disclosure policies.</li><li>3) Conduct external communication.</li></ol> <p>Due date: 31-Jul-25</p>

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Finding No:	TNR-013733
Checklist Item No:	5.2.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Oct-17
Checklist item:	The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.
Findings:	The WSP targets were not assessed against AWS Outcomes, therefore, this assessment was not communicated to the relevant Stakeholders.
Corrective action:	1) Conduct external communication after the actions of requirement 4.1.1: <ul style="list-style-type: none"><li>- Hiring specialized consultants;</li><li>- Training the team;</li><li>- Evaluation by AWS Outcomes;</li></ul>
	Due date: 30-Sep-25

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## Alliance for Water Stewardship (AWS)

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### Report Details

Report	Value
Report prepared by	Rosane Monteiro Borges
Report approved by	Juan Carlos Ceron
Report approved on (Date)	14-12-2024

### Surveillance

#### Proposed date for next audit

Comment      The Proposed date for the next audit is 15 October 2025

### Stakeholder Announcements

Date of publication	Location
10/08/2024	Newspaper - Jornal do Comércio - page 11
Comment	<p>Recofarma Manaus published the "PUBLIC STAKEHOLDER ANNOUNCEMENT" in Jornal do Comércio, Manaus City, from August 10 to 12, 2024, regarding the AWS Audit, to be held from October 15 to 17, 2024. See on Page 11.</p> <p>The "PUBLIC STAKEHOLDER ANNOUNCEMENT" was published on the AWS website: <a href="https://a4ws.org/wp-content/uploads/2024/07/AWS-000747_Recofarma-Industria-do-Amazonas-Manaus-Brazil_StakeholderAnnouncement_Oct2024_V3.0.pdf">https://a4ws.org/wp-content/uploads/2024/07/AWS-000747_Recofarma-Industria-do-Amazonas-Manaus-Brazil_StakeholderAnnouncement_Oct2024_V3.0.pdf</a></p>
Comment	<p>Three stakeholders were interviewed.</p> <p>One of them requested that the content of her interview and her name be kept confidential and not disclosed. This is noted in the attached document.</p>

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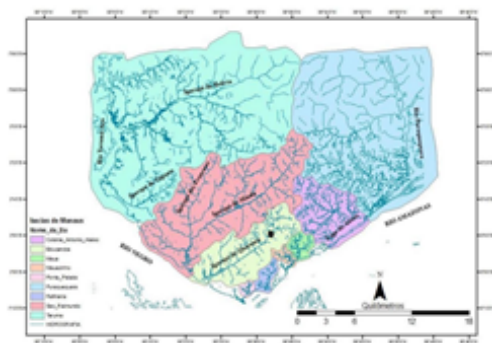
### Catchment Information

#### Catchment Information

The defined Target Area is the Municipality of Manaus, composed of several Igarapés, forming a set of approximately 22 micro basins. The largest of these is Igarapé do Quarenta, close to Recofarma de Manaus.

In the Municipality of Manaus, the largest hydrographic networks are those of Tarumã-Açu, Puraquequara and São Raimundo rivers. The region is located at the confluence of the Negro and Solimões rivers, forming the Amazon River.

Recofarma do Amazonas captures groundwater from the Alter do Chão Aquifer for domestic and industrial use.



1.1.1 Micro Bacias da Área Alvo (Recofarma do Amazonas).png

### Client Description and Site Details

#### Client/Site Background

Recofarma Indústria do Amazonas Ltda (CPS Manaus), located at Avenida Buriti, 190. Distrito Industrial, Zip Code 69075-000, Manaus City, Amazonas State, Brazil, is a multinational company and a subsidiary of The Coca-Cola Company. Opened in 1990, CPS Manaus is the only beverage concentrate and base plant in Brazil and one of the largest Coca-Cola plants in operation worldwide.

It has a direct interface with other concentrate plants, and is directly related to what is called CPS WEST: Commercial Products Supply – Americas and Corporate.

It works in 3 shifts with 324 associates (employees) and 402 people hired by third-party companies.



1.1.1 Mapa (Novo).png

Comment Attached files from Recofarma.



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### Summary of Shared Water Challenges

#### Summary of Shared Water Challenges

The shared water challenges come from information from the audit carried out, studies conducted in the region and identification of the need for further in-depth analysis of some items, interviews conducted with Stakeholders:

- guarantee access to drinking water for 100% of the communities in the region, especially indigenous and riverside communities;
- increase the sewage treatment rate in the city of Manaus;
- reduce the risks of contamination of surface and groundwater for people and economic activities that depend on it due to the low coverage of domestic sewage treatment;
- reduce deforestation and erosion in riparian forests and increase projects to restore riparian forests in the region;
- increase resilience to climate emergencies;
- increase knowledge of the behavior of the region's aquifers;
- improve water resource management in the State of Amazonas, through Integrated Water Resource Planning, creation and implementation of Sustainable Water Use Policies and the growth of Monitoring and Inspection actions.

Comment      Attached files containing information about shared water challenges.

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0.1 General Requirements for Single Sites, Multi-Sites and Groups	
0.1.1	<i>Eligibility Criteria</i>
0.1.2	
0.1.2.1	<p><i>Have any water source locations and water-related discharge locations been visited during the audit, if so, which and where? If none were visited please provide justification.</i></p> <p>Comment The following areas that were visited during the Audit:</p> <ul style="list-style-type: none"> <li>- Chemical product deposits</li> <li>- Internal IWRA: Dry dock</li> <li>- Water Treatment Plant</li> <li>- Domestic Effluent Treatment Plant</li> <li>- Industrial Effluent Treatment Plant</li> <li>- Raw Water Collection Wells</li> <li>- Solid Waste Treatment Area</li> <li>- Examples of Water Reuse</li> <li>- Examples of Internal Areas with WASH facilities</li> <li>- Photos with Recofarma de Manaus' product portfolio</li> <li>- Location of Recofarma de Manaus' main customers</li> <li>- Access to Recofarma's External Area where the company's domestic and industrial effluents are discharged (access was not possible due to the delay in locating the padlock key)</li> <li>- Path to be taken to the discharge point of treated effluents - domestic and industrial in Igarapé do Quarenta</li> <li>- Inspection box of underground piping that contains domestic and industrial effluents from Recofarma de Manaus, which continues in direction to Igarapé do Quarenta</li> </ul> <p>Photographic evidences have been uploaded to the Report.</p>
0.1.1.1	<p><i>The site(s) occupy one catchment OR an exception has been granted.</i></p> <p>Comment The site occupies one catchment, in Manaus Municipality.</p>
0.1.1.2	<p><i>The scope of the proposed certification shall be under the control of a single management system.</i></p> <p>Comment The scope of the proposed certification is under the control of a single management system.</p>
0.1.1.3	<p><i>The scope of the proposed certification shall be homogeneous with respect to primary production system, water management, product or service range, and the main market structures.</i></p>

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### 1 STEP 1: GATHER AND UNDERSTAND

**1.1** *Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the water sources from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.*

**1.1.1** *The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:*

- Site boundaries;
- Water-related infrastructure, including piping network, owned or managed by the site or its parent organization;
- Any water sources providing water to the site that are owned or managed by the site or its parent organization;
- Water service provider (if applicable) and its ultimate water source;
- Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies;
- Catchment(s) that the site affect(s) and is reliant upon for water.



Yes

**Comment** Water is collected from two groundwater wells, identified in the appendices of the Antea Group documentation (file 01.General Information.pdf).

There is a 2016 study with information on Alter do Chão Aquifer, where the plant is located. The study showed that although there is a strong local drawdown of the aquifer in the region, the local groundwater availability is not compromised. It is necessary to pay attention to the quality of this groundwater.

New studies are scheduled by the site's WSP to improve the characterization of Alter do Chão Aquifer, from where the company collects water for consumption on site (industry and human consumption).

A Piping network is presented on page 18 of file 01.General Information.pdf, with water and effluent drainage pipes from the plant. The fire water distribution system is also included.

On page 12, the two water collection wells are represented.

On page 19, the Target Area Map is represented with scale, identification, North.

The file 1.1.1 Map (New).png shows the site boundaries.




The figure "Source and receiving body of wastewater.jpg" locates the discharge points and ultimate receiving water body (Igarapé do Quarenta).

**1.2** *Understand relevant stakeholders, their water related challenges, and the site's ability to influence beyond its boundaries.*

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1.2.1	<p><i>Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:</i></p> <ul style="list-style-type: none"> <li><i>- Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;</i></li> <li><i>- Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;</i></li> <li><i>- Provide evidence of stakeholder consultation on water-related interests and challenges;</i></li> <li><i>- Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;</i></li> <li><i>- Identify the degree of stakeholder engagement based on their level of interest and influence.</i></li> </ul>	 in progress
Comment	<p>Stakeholders were identified comprehensively – NGOs, suppliers of inputs and services, public authorities, industries in the Manaus Industrial Zone, and other groups.</p> <p>Indigenous and quilombola groups were included, with evidence of a meeting with 1 indigenous leader from Parque das Tribos (Minutes attached).</p> <p>No other indigenous leaders were identified in the Target Area of the site, and interviews with relevant stakeholders indicate the existence of vulnerable indigenous groups in the Target Area, within the municipality of Manaus.</p> <p>Evidence of consultation with stakeholders was presented, with an emphasis on suppliers of inputs and services, public authorities. The process of identifying stakeholders was presented in the file Mapping Stakeholders and Relevant.docx.</p> <p>File 1.2 Stakeholder Engagement 2024 (New) explains the results of the engagement process with Stakeholders carried out by the site, with identification of the degree of stakeholder engagement based on their level of interest and influence. The file also presents the list of relevant Stakeholders (20 in total).</p>	<b>Finding No: TNR-013604</b>
1.2.2	<p><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></p>	 Yes
Comment	<p>The degree of influence is identified during the Stakeholder mapping (the process is presented in the file Mapping Stakeholders and Relevant.docx) and the scores are given according to the guidelines contained in document 1.2 Stakeholder Engagement 2024 (New). The same document explains how these guidelines work.</p> <p>The figure Source and receiving body of wastewater.jpg demonstrates the location of the site and discharges of domestic and industrial effluents, including the final receiving body (Igarapé do Quarenta).</p>	
1.3	<p><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></p>	
1.3.1	<p><i>Existing water-related incident response plans shall be identified.</i></p>	 Yes

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Comment	Document identified: WA-05864 – Emergency Response Plan – Water.  The purpose of this document is to present a detailed strategy on the actions to be taken to ensure the continued provision of drinking water in emergency situations, such as natural disasters, failures in the distribution system or water contamination, and to prevent the recurrence of spills or emergencies related to water, protect the health and safety of people and avoid adverse impacts on the environment due to spills and uncontrollable water flows in the shortest possible time to reestablish normal activities after an emergency.  The other documents cited in WA-05864 were added.  WA-03137 - Emergency Response Plan - Water  WA-03183 - Communication Management  SWI-01570 – Water Consumption Reduction Instruction  WA-03125 - Rainwater Pollution Prevention Plan	
1.3.2	<i>Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped</i>	 Yes
Comment	The Water Balance Site (New) File.png, which was resubmitted in the Audit, contains more details on the measurements of water inputs to the site. The 1.3.3 Water Balance 2023 (New) File.pptx contains information on Water Inputs, Outputs, Storage and Losses in the year 2023, with an error of -1%.  The Company's WSP contains actions related to improving the site's Water Balance (installation of water flow meters at points in the production process to measure water consumption).	
1.3.3	<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>	 Yes
Comment	The Water Balance Site (New) File.png, which was resubmitted in the Audit, contains more details on the measurements of water inputs to the site. In the Water Balance: W02, W03, W04 are water flow meters. The output flow rates of the Water Balance are represented by the flow rates of: ETED (Domestic Effluent Treatment Plant) – 20 m3/day (average for 2024); ETEI (Industrial Effluent Treatment Plant) – 85 m3/day (average for 2024).  The 1.3.3 Water Balance 2023 (New) File.pptx contains information on Water Inputs, Outputs, Storage and Losses in the year 2023, with an error of -1%.  The file Variações (Novo).pptx contains the month-to-month variations from 2019 to 2024 of water's volumes collected from the groundwater supply wells used by the site.  No challenge that would be a threat to good water balance for people or environment related to Recofarma do Amazonas was identified in its water balance.  The Company's WSP contains actions related to improving the site's Water Balance (installation of water flow meters at points in the production process to measure water consumption).	

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

**Comment** The following information was presented during the audit and added in the appendix:

- Receiving Body: Igarapé do 40 - annual external analysis.
- Treated industrial effluent ETEI and treated domestic/sanitary effluent ETED - Quarterly analysis as per internal requirement. Annual analysis with all CONAMA 430 parameters, and half-yearly analysis for grant parameters.
- Groundwater collection wells - half-yearly analysis for grant parameters, results compared to CERH-AM 001/2016 and Ordinance 888/2021.
- Soil - annual monitoring analysis - compared to CONAMA 420.

In accordance with Brazilian legislation and endorsed by environmental licenses, all requested parameters are met for legal compliance with Brazilian requirements.

However, all companies linked to The Coca-Cola Company must also meet the "KORE" parameters, which are even more restrictive requirements when compared to local legislation, in order to meet corporate requirements.

Investigation and correction procedure is attached for occurrence in June 2023, when the Phosphorus and Colour parameters were identified as not in compliance with KORE specifications.

No challenge that would be a threat to good water quality status for people or the environment was identified in Recofarma do Amazonas data related to the discharges of its treated effluents.

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

**Comment** Attached files:

PDF plan of the drainage system  
Recofarma SV0003 18 Preliminary Assessment VF rev1.pdf  
Document WA325 – Rainwater Pollution Prevention Plan.

Potential and suspected areas of contamination are identified in Figure 8.1, page 44 of the Preliminary Assessment.

The chemicals used on site and where they are stored are listed in Table 4.3.1 – Inventory of Important Materials of Document WA325, as follows:





"The products that could potentially enter the stormwater system are chemicals, raw materials and waste typically associated with the manufacture of concentrate and beverage base, which include ethyl alcohol, phosphoric acid, caramel, citric acid, fuel oil, diesel oil, refrigerant made with anhydrous ammonia, chlorine-based disinfectants, bases for the pH neutralization system, sulfuric acid and effluent with organic load. These materials stored and/or discharged outdoors are listed in the section "Inventory of Important Materials" (Table 4.3.1 in the aforementioned document). The expected and related potential pollutant parameters would be biological oxygen demand (BOD), oil and grease, pH, total suspended solids, phosphorus and chemical oxygen demand (COD)".

During the site tour, some of the chemical product storage points were visited and recorded in photos.

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<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>	 Yes
Comment	<p>For on-site IWRA was considered the green area inside the site with trees on the property. The other green areas present on the site's boundary are contemplated in future expansion projects.</p> <p>The important area related to water was defined as encompassing the structure called "dry dock" (tank intended for sending effluents from emergencies, fires and/or atypical situations). This structure requires care and periodic monitoring.</p> <p>A map with the location of the site's IWRA is included in the attached excel document, as well as an assessment of its current status.</p>	
<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>	 Yes
Comment	<p>Costs for consulting, certification, additional studies, and licensing process were added to a new tab in the attached file.</p> <p>The file contains all operational costs related to water / wastewater treatments and water collection up to June 2024.</p> <p>From July onwards, the site's SAP system was changed to P40 and, at the time of the audit, it was not yet possible to view the values from July to September 2024.</p>	
<b>1.3.8</b>	<i>Levels of access and adequacy of WASH at the site shall be identified.</i>	 in progress
Comment	<p>The company included a list of the number of men's and women's bathrooms, changing rooms, sinks, and showers. It also listed the practices related to WASH, as follows:</p> <ul style="list-style-type: none"> <li>- Constant hand hygiene campaigns.</li> <li>- Hand washing stations. Mapping carried out for the COVID-19 pandemic.</li> <li>- Procedure FORM-04190 - Microbiology Monitoring, which monitors hand washing of production operators.</li> </ul> <p>However, the company did not make a comparison with the requirements of Regulatory Standard NR-24: Sanitary and Comfort Conditions in the Workplace, which is what Brazilian legislation requires for this item.</p> <p>No adequate space for breastfeeding was identified in the company, as required by Law 14 457-2022: "Employ + Women Program", which amends the CLT so that companies with more than 30 women over the age of 16 have adequate spaces for breastfeeding.</p> <p><b>Finding No: TNR-013613</b></p>	
<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>	 Obs.

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Comment The site identified the following inputs for manufacturing Star line products:
Phosphoric acid
Caramel (food coloring)
Citric acid
95% ethyl alcohol
Water for sanitization
Water for production of Star line products
Contact was made with Recofarma do Amazonas (Coca-Cola) to clarify in which river basins the identified suppliers of inputs are produced.
Return was sent and inserted in the attachment, in file 1.4.1 Calculation of the Water Footprint (New December).docx, added to the Indicator.
A new supplier of citric acid was included, located in the State of Minas Gerais, Brazil. The Company no longer receives this input from Argentina, as reported in December 2024.
The river basins in which the input suppliers are located are:
Product / River Basins / Origin (State - Country):
Phosphoric acid: Southeast Atlantic River Basin, supplier located in the State of São Paulo - Brazil;
Caramel: Amazon River Basin, supplier located in the State of Amazonas - Brazil;
Citric acid: East Atlantic River Basin; supplier located in the State of Minas Gerais - Brazil;
Citric acid: Southeast Atlantic Basin; supplier located in the State of São Paulo - Brazil;
Ethyl alcohol 95%: Amazon Basin, supplier located in the State of Amazonas - Brazil.
A theoretical calculation of the water footprint for citric acid and ethyl alcohol was performed, according to available bibliography. The values of sanitization water and water for production of Star line products were reported.
Emails were sent to the input suppliers. Proof was attached for the manufacturer of Caramel (food coloring), which is located within the Target Area and was one of the interviewed stakeholders during the audit.
The site did not receive a response to the email sent, however, during the audit's interview, the supplier of the Caramelo ingredient provided the auditors with information about its water consumption in its food coloring production plant.
An observation is recorded, so that the site can make new efforts to obtain information from the input suppliers, seeking to use a new approach, in addition to the emails that were sent.

1.4.2 The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.
Obs.



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**Comment** Service providers located in the Target Area were identified properly in December 2024. Contact was made in December 2024 with Recofarma do Amazonas to clarify which suppliers from the list of service providers initially provided are actually located in the Target Area.

A new list with 18 service providers was sent and 10 of them had not returned with information about their respective water consumption and use. They are:

- Braga Serviços Industriais;
- Reset Representação Comercial e Serviços Profissionais;
- Eletro Instalações Ltda.;
- Projetando Desenho Técnico Industrial;
- Sentep Treinamento;
- Airpower Brazil Ltda.;
- JBI Serviços Administrativos Ltda.;
- Tucupi Imagens;
- Ambientek Saneamento Ltda.;
- Lachi Engenharia.

Emails were sent to all service providers, with responses from some of them, as per the attached table.

Evidence was presented and attached.

It was identified that it is necessary to insist on the return of the sent emails, seeking another approach with service providers.

Observation was raised.

**1.5** *Gather water-related data for the catchment, including water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH*

**1.5.1** *Water governance initiatives shall be identified, including catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help inform site of possible opportunities for water stewardship collective action.*

 in progress

**Comment** The following files were attached:  
144-AE.pdf – Exchange of e-mails with invitations to participate in meetings.  
File Initiatives underway in the Basin.pdf

Initiatives in the Target Area were identified with the following government agencies (contacts made and recorded):

- Manaus City Hall
- SEMA – Environmental Secretariat
- ANA – National Water Agency
- CERH – State Water Resources Council

However, no assessment by the Company of possible opportunities for water stewardship collective action was evidenced.

Minor NC was registered.

**Finding No: TNR-013646**


**1.5.2** *Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.*

 Yes

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Comment	<p>The following documents have been added:</p> <ul style="list-style-type: none"><li>- Operating License.</li><li>- Industrial and Domestic Effluent Release Permits.</li><li>- Well Collection Permits.</li><li>- Protocol for renewal of the Well 1 Collection Permit (in the process of being renewed by the environmental agency).</li><li>- Protocol for renewal of the Industrial and Domestic Effluent Release Permit (in the process of being renewed by the environmental agency).</li><li>- Protocols for requesting Biodigester and Dry Parts ETED Permits, which are awaiting inspection by IPAAM for the Biodigester Permit and IPAAM's opinion for the Dry Parts ETED Permit (both items are in process at IPAAM).</li><li>- AVCB (Fire Department Inspection Report).</li></ul>	
1.5.3	<p><i>The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.</i></p>	<p> Obs.</p>

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Comment      Attached File: 1.5.3\_Balanco\_Área\_Alvo\_SVA.pdf  
The Target Area Water Balance is presented in Table 6 of the attached file.

The city of Manaus is made up of several streams, which form a set of approximately 22 micro-basins. The largest of these, near Recofarma do Amazonas, is Igarapé dos 40. The largest hydrographic networks in Manaus are those of the Tarumã-Açu, Puraquequara and São Raimundo rivers, respectively. It is a dense hydrographic network, which is located at the confluences of the Negro and Solimões rivers, forming the Amazon River.

According to information from the Amazonas State Water Resources Plan - PERH/AM, Manaus' water availability is approximately 16,000 m<sup>3</sup>/s for a consumption of approximately 16.5 m<sup>3</sup>/s, resulting in an excellent criticality index.

The projected water availability scenarios for the year 2040 projected by PERH/AM considered that even if demand increases considerably, they point to excellent criticality indexes. However, the scenarios disregarded changes in availability, which may be affected by climate change in the regions that supply the Amazon River.

According to news released by Agência Brasil (<https://agenciabrasil.ebc.com.br/geral/noticia/2024-07/ana-declara-situacao-de-escassez-hidrica-nos-rios-madeira-e-purus>), the National Water and Basic Sanitation Agency (ANA) declared a situation of Quantitative Scarcity of Water Resources in the Madeira and Purus rivers and their tributaries that flow in the southwest of the Amazon River. This measure aims to intensify the hydrological monitoring processes of these basins, the impacts on water use and propose preventive actions for these impacts in conjunction with various water-using sectors. The two rivers are tributaries of the right bank of the Amazon River.

The drought projections for the region, therefore, may affect the situation projected by PERH/AM for the Target Area region. New studies to be produced by the National Water Agency, based on the information being collected, could change the projected scenarios.

Data from the Diagnostic Study of Sedimentary Aquifers in Brazil, prepared by the Brazilian Geological Survey (2012), identified that for Alter do Chão Aquifer, in the State of Amazonas, the exploitable groundwater reserve corresponded to approximately 11 m<sup>3</sup>/s and 8.24 m<sup>3</sup>/s (for the city of Manaus). The same aquifer is used by Recofarma do Amazonas as a source of water for its industrial plant.

In 2012, the average extraction rate in the Manaus region, of approximately 2 m<sup>3</sup>/s, had already been associated with the disappearance of some springs and contamination of the aquifer, due to the inversion of flow (from the streams to the aquifer).

An Observation will be recorded: There is insufficient information on the behavior of the aquifer in the Target Area. Efforts should be made to improve knowledge on this subject.

The Company informs that CPRM\* conducted studies on the Aquifer in the region and has not yet officially released the information.

\* Companhia de Pesquisa de Recursos Minerais (CPRM) is a Brazilian government company, linked to the Ministry of Mines and Energy, which has the responsibilities of Geological Survey of Brazil. Among its activities are the performance of geological, geophysical, geochemical, hydrological, hydrogeological surveys and the management and dissemination of geological and hydrological information.

The site reported during the audit that contacts have already been initiated with Geologist Fabíola Bento to carry out tests on the influence of the wells existing in the plant and those mapped in the surrounding area. The Company is also checking the possibility of verifying the amount of water captured in the aquifer as well as the total amount of water available in the aquifer.

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### 1.5.4

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



Yes

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Comment      Attached File: Target Area Characteristics.pdf, study carried out by Antea Consulting.

In summary, item 2 of the aforementioned file presents the physical and climatic characteristics of the target area.  
There is reference to special attention to the impacts of climate change in the region, with the following projections (IPCC):  
- Increase in the intensity and frequency of extreme precipitation and floods for an increase of 2°C (medium confidence);  
- Dominant increase in the number of dry days and frequency of droughts (high confidence).

Item 5.3. of the Antea file presents economic, environmental and social characteristics of the region, with the following information related to WASH:

Manaus region has around 98% of treated water supply and around 22% with treated sewage. The percentage of coverage for sewage treatment, at the end of 2023, increased to 33; by the end of 2024 the goal is to reach 38%.

Recofarma reports that this adaptation is in fact occurring.

Attached is a file with the contract between Água de Manaus and the City of Manaus, responsible for sewage treatment, where the targets for implementing sewage treatment coverage by 2045 can be seen.

From 2025 on, the contract presents the following targets:

2025: 46%;  
2026: 52%;  
2027: 62%;  
2028: 69%;  
2029: 75%;  
2030: 80%;  
2031: 83%;  
2032: 88%;  
2033 to 2045: 90%.

On page 10 of the Antea document, information is presented on the quality of surface water, which is polluted due to the lack of sewage treatment. The quality of the groundwater is considered good, although contamination due to the lack of sewage treatment may be found in areas closer to the city of Manaus.

The results of the water quality upstream and downstream of the Recofarma effluent discharge point in Igarapé do Quarenta were attached.

Regarding Health issues, the Antea study reports that there are health-related problems in Brazil due to direct contact with water. The water in the region is contaminated mainly by untreated urban effluents and oil spills from vessels.

Data on the availability of City Hall Health Units to serve the population of Manaus were attached.

Thus, it is concluded that there is a water-related challenge that would be a threat to good water quality status for people or the environment, due to the low availability of sewage treatment in the city of Manaus and the likely discharge of industrial effluents into Igarapé dos 40 without proper treatment and monitoring by the responsible public agencies.

There are only 2 Analysis Reports for Igarapé do 40 available with more recent information on the quality of the water in the receiving body, as follows:

Analysis Report carried out on July 5, 2023 at points upstream and downstream of Igarapé do 40, where Recofarma de Manaus discharges its treated effluents.

AMOUNT:

Audit Number: AO-001315

Comparing the results obtained for the sample with values established by CONAMA, No. 357, of March 17, 2005 - Art. 14 and 15 - Table I  
- Class II, we can observe that the analyzed parameter(s) Thermotolerant Coliforms, Dissolved Aluminum, Biochemical Oxygen Demand, Total Phenols, Dissolved Iron, Floating Materials, Dissolved Oxygen, Surface-active Substances that react with methylene blue do not meet the permitted limits.


DOWNSTREAM:  
Comparing the results obtained for the sample with values established by CONAMA, No. 357, of March 17, 2005 - Art. 14 and 15 - Table I  
- Class II, we can observe that the analyzed parameter(s) Thermotolerant Coliforms, Dissolved Aluminum, Biochemical Oxygen Demand, Total Phenols, Floating Materials, Dissolved Oxygen, Surface-active substances that react with methylene blue do not meet the permitted limits.

Analysis Report carried out on March 15, 2024 at points upstream and downstream of Igarapé do 40, where Recofarma de Manaus discharges its treated effluents.

AMOUNT:  
Comparing the results obtained for the sample with values established by CONAMA, No. 357, of March 17, 2005 - Art. 14 and 15 - Table I  
- Class II, we can observe that the analyzed parameter(s) Thermotolerant Coliforms, Biochemical Oxygen Demand, Total Phenols, Floating Materials, Dissolved Oxygen, Surface-active Substances that react with methylene blue, Toluene, Turbidity and Total Phosphorus do not meet the permitted limits.

DOWNSTREAM:  
Comparing the results obtained for the sample with the values established by CONAMA, No. 357, of March 17, 2005 - Art. 14 and 15 - Table I  
- Class II, we can observe that the analyzed parameter(s) Thermotolerant Coliforms, Biochemical Oxygen Demand, Total Phenols, Floating Materials, Dissolved Oxygen, Surface-active Substances that react with methylene blue, Toluene, Turbidity and Total Phosphorus do not meet the permitted limits.

In the two spreadsheets provided with the results of the Analytical Reports of the points upstream and downstream of the discharge of Recofarma do Amazona effluents into Igarapé dos 40, values of the Treated Effluent collected on the same day at Recofarma do Amazonas were noted. These results indicated compliance with the legislation assessed, in contrast to the values found in Igarapé dos 40.

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>	<div> Yes</div>
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**Comment** New contact was made with Recofarma do Amazonas in December 2024 and the company returned with a new list of IWRAs in the Target Area (attached file 1.5.5 IWRAs (New December), as follows:

- \* Mindu Springs Municipal Park
- \* Mindu Stream Urban Ecological Corridor
- \* Igarapé do Gigante Linear Park Environmental Protection Area
- \* Mindu Municipal Park
- \* Sauim Castanheiras, Wildlife Refuge
- (New) Mauazinho Environmental Reserve
- (New) Castanheira Environmental Reserve
- (New) Agroecology Reference Center - IFAM/CMZL
- (New) Indigenous and Quilombola Areas
- (New) Quarenta Stream

The new Table brings the Impacts/Threats Column, where the technical References of the assessment were inserted.

The contacts that were made by Recofarma are registered in Comments column, which refers to community leaders and the State Secretariat for the Environment of the State of Amazonas.

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

**Comment** The maps and attached table identify the Water Treatment Plants (ETAs), of which there are three in the city of Manaus, with surface collection also identified.


ETEs and Underground Collections identified.

The concessionaire's ETAs supply almost the entire population of Manaus.

The sewage coverage in the city of Manaus is 33%, according to publications by the concessionaire on its website.


The concessionaire does not report water shortages during dry seasons, as collection is done far from the river banks. During rainy seasons, treatment costs increase due to the turbidity of the rivers. The droughts reported in the state of Amazonas during 2023 and 2024 did not cause problems in water collection for the concessionaire, according to information provided by Recofarma.

In item 1.5.4, the concession contract between the City of Manaus and the concessionaire company was added.

**1.5.7** *The adequacy of available WASH services within the catchment shall be identified.*  **Yes**

**Comment** Information attached and commented on in item 1.5.4.  
Attached file with data on the availability of City Hall Health Units to serve the population of Manaus.

**1.6** *Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.*

**1.6.1** *Shared water challenges shall be identified and prioritized from the information gathered.*  **Yes**

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Comment

In the attached file, 8 shared and prioritized challenges were identified (in parentheses), as follows:  
DSF01 Very high reputational risk (low priority)  
DSF02 Low sewage treatment rate in the target area (medium)  
DSF03 Water quality risk (high)  
DSF04 Losses and waste in the water distribution system (low)  
DSF05 Deforestation and erosion in riparian forests (medium)  
DSF06 Access to Drinking Water for 100% of the community (high)  
DSF07 Water resource management by the State (high)  
DSF08 Climate emergencies (high)

1.6.2

*Initiatives to address shared water challenges shall be identified.*



Yes



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**Comment** In December 2024, new contact was made with Recofarma do Amazonas, requesting an update regarding the challenges that were identified by the Company. Below is the feedback provided by Recofarma in a new attached file 1.6 Challenges and Initiatives (New December):

### CHALLENGES and UPDATE ON PROGRESS:

DSF01 Very high reputational risk:  
Recofarma's ongoing actions - water-related actions carried out and scheduled, announced in November 2024; Olhos da Floresta Program - good example of Corporate Social Responsibility.

DSF02 Low sewage treatment rate in the target area:  
Continuous monitoring:  
Since 2018, progress from 18% to 31% in treated sewage coverage;  
Targets:  
2023 - 31% (coverage delivered)  
2024 - 38% (Investment of R\$ 355 million reais to expand coverage)  
2025 - 46%  
2026 - 52%  
2027 - 62%  
2028 - 69%  
2029 - 75%  
2030 - 80%  
2031 - 83%  
2032 - 88%  
2033 onwards - 90%.

DSF03 Water quality risk:  
Continuous monitoring:  
Quality of treated water from the concessionaire 2023 - 98%  
Targets:  
2024 ~ 2025 - 98%  
2026 onwards - 99%  
Environmental Education actions with employees and partners carried out in 2024; Water analysis by the concessionaire - collection carried out, awaiting the result.

DSF04 Losses and waste in the distribution system:  
Continuous monitoring:  
Water metering of water connections in 2023 - 91%  
Goals:  
2024 ~ 2025 - 91%  
2026 ~ 2030 - 92%  
2031 ~ 2035 - 93%  
2036 ~ 2041 - 94%  
2042 onwards - 95%

DSF05 Deforestation and erosion in riparian forests:  
Continuous monitoring:  
Actions of the Olhos da Floresta Program as a strategy for protecting the Forest; Cachoeiras do Tarumã Ecological Corridor - Created by Decree No. 022 of February 4, 2009, it is located in an urban area, entirely within the Tarumã/Ponta Negra APA, with the aim of interconnecting the protected spaces within its area of coverage and ensuring the preservation of riparian forests along its course.  
Monitoring through INPE data - deforestation.

DSF06 Access to Drinking Water for 100% of the community:  
Continuous monitoring:  
Quality of Treated Water from the concessionaire 2023 - 98%  
Goals:  
2024 ~ 2025 - 98%

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2026 onwards - 99%

DSF07 Water resource management by the State:
Continuous participation: active participation in the Basin Committee of the region and Meetings of the State Water Resources Council - CERH/AM

DSF08 Climate emergencies:
Continuous monitoring: https://www.paineldoclima.am.gov.br/
Development of the Resilience Plan (CPS Manaus) - executed during the 2024 drought

Regarding the access to Drinking Water in the city of Manaus, after carrying out a new Stakeholder mapping, cross-reference the information with the regions that are not being supplied by the current concessionaire for a new update of the identified challenges (DSF06 - Access to Drinking Water for 100% of Communities).

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

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

Yes

Comment 11 risks were identified and prioritized, 10 of which were on the Site and one of which was in the Target Area, as per the attached table. Potential costs were identified in a generic and non-quantifiable manner. Impact on the business was identified.

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

Yes

# CERTIFICATION REPORT

## Alliance for Water Stewardship (AWS)

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**Comment** New contact was made with Recofarma do Amazonas in December 2024, requesting identification of the Methodology used for the Risk assessment.  
New file was provided, with the information (1.7 Water Risks (New December) and attached.

The following criteria are used for probability of occurrence:  
Rare: Very low probability of occurrence (The event is not expected to occur, except in unusual situations) / Score 1.

Unlikely: Possible in the long term (The event may occur at some point, but is not expected to occur in most scenarios evaluated. Possible under a specific set of conditions, with multiple and simultaneous failures) / Score 2.

Possible: Likely to occur in the medium term (The event may occur at some point under specific conditions. It has occurred in other companies in the industry under certain circumstances. External factors can cause the event) / Score 4.

Probable: Likely to occur in the short term (The event is likely to occur at some point under most conditions. Other companies in the industry have experienced this event in the recent past. External and/or internal conditions can cause the event) / Score 7.

Almost Certain: Very likely to occur immediately (The event is expected or already occurring) / Score 11.

The following are the criteria for evaluating the Impact:

Insignificant: There is no impact on the compliance of the interested parties, it has little effect on the performance of the system, process and the business objective (The event may result in small losses, which can be absorbed without a notable effect on the results of the operation) / Score 1.

Low: The interested party has a slight non-compliance. It may cause losses with cost.  
Moderate effect on the performance of the system, process and the business objective (The event may result in small losses that can be absorbed, but which may have an effect on the results of the operation. The event may divert the attention of the management team for a limited time) / Score 3.

Moderate: The interested party has a non-compliance. The performance of the system, process or service is affected, but manageable. Partial failure, with costly damage to the business (The event may result in significant losses, which can be absorbed, but which have an effect on the results of the operation. The event may divert the attention of the management team for a period of time) / Score 7.

High: The stakeholder is dissatisfied. The performance of the system, process or service is seriously affected. It may generate losses or severe damage with high repair costs (The event may result in significant losses, which can be absorbed, but which have a major effect on the results of the operation. The event will divert the attention of the management team for a long period of time) / Score 15.

Very high: The stakeholder is very dissatisfied. The event involves legal non-conformities, causing irreparable damage to the product and/or business (The event may result in significant losses, which cannot be absorbed. The event will divert the management team's full attention for a long period of time) / Score 31.

The multiplication of the Occurrence x Impact assessments generates a Matrix that classifies the risk as: Acceptable, Low, Medium and High.

Water risks identified were:

RSC01 Failed water sources due to poor condition and poor maintenance.  
RSC02 Restrictions during a dry season or drought.

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RSC03 Pollution of the main body of water (surface water or aquifer).  
RSC04 Direct contamination of the water source.  
RSC05 Water treatment system failure.  
RSC06 Conditions of permit violations.  
RSC07 Pollution in water bodies.  
RSC08 Failure to meet quality conditions of the wastewater discharge permit.  
RSC09 Public awareness of any regulatory violations.  
RSC10 Actual or perceived cause of negative impacts on other water users and/or the natural water environment.  
RSC11 Perception that the site uses too much water negatively affects the "social license to operate".

The Opportunities, Related Actions and Benefits Generated by Mitigation columns assessed and prioritized potential savings, and business opportunities. Priority was assessed based on the result of the Risk Degree Assessment.

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

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

  
Yes

**Comment** Best practices were identified for the Site (8) and in the Target Area (2). Practices in the Sector and appropriate in relation to the local/regional reality were taken into consideration.

The Company also identified generic and specific practices, taking into account actions previously carried out and currently in practice in the state of Amazonas, outside the current Target Area, practices of the "Coca-Cola Group" in the sector and practices carried out by the company itself in the past. These practices will be stored by the Company for future reference.

**1.8.2** *Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.*

  
Yes

**Comment** Best practices were identified for the Site (6) and in the Target Area (1). Practices in the Sector and appropriate in relation to the local/regional reality were taken into consideration.

The Company also identified generic and specific practices, taking into account actions previously carried out and currently in practice in the state of Amazonas, outside the current Target Area, practices of the "Coca-Cola Group" in the sector and practices carried out by the company itself in the past. These practices will be stored by the Company for future reference.

**1.8.3** *Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.*

  
Yes

**Comment** Best practices were identified for the Site (5) and in the Target Area (1). Practices in the Sector and appropriate in relation to the local/regional reality were taken into consideration.

The Company also identified generic and specific practices, taking into account actions previously carried out and currently in practice in the state of Amazonas, outside the current Target Area, practices of the "Coca-Cola Group" in the sector and practices carried out by the company itself in the past. These practices will be stored by the Company for future reference.

**1.8.4** *Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.*

  
Yes




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Table with 2 columns: Comment, and a column for findings/answers. It contains two rows of comments regarding best practices for Target Area (2) and Target Area (1), with a 'Yes' response and a green checkmark icon for the second row.

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2	<b>STEP 2: COMMIT &amp; PLAN - Commit to be a responsible water steward and develop a Water Stewardship Plan</b>	
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>	 <b>Yes</b>
Comment	<p>The attached document was published externally on the official Coca-Cola website, with the title "Recofarma Manaus Commitment":  <a href="https://www.coca-cola.com/br/pt/media-center/compromisso-recofarma-manaus">https://www.coca-cola.com/br/pt/media-center/compromisso-recofarma-manaus</a>            There was also internal dissemination to employees via WhatsApp (see attached document and video).            The document meets the requirements requested by the indicator.</p>	
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>	 <b>Yes</b>
Comment	<p>Attached is the "Internal and External Communication Matrix" of the CPS Manaus Management System, where the communication flow for interested parties, both internal and external, is identified, with the following columns:</p> <p>WHAT IS COMMUNICATED            WHO IS COMMUNICATING            TO WHOM IS COMMUNICATING            HOW IS COMMUNICATING            WHEN IS COMMUNICATING            RECORDS</p> <p>The table identifies those responsible for maintaining compliance obligations for water and wastewater management.</p>	
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>	 <b>Yes</b>
Comment	<p>Attached is a document called "Alliance for Water Stewardship (AWS) Management Plan", which meets the requirements of the indicator.</p>	

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- 2.3.2** *A water stewardship plan shall be identified, including for each target:*
- *How it will be measured and monitored*
  - *Actions to achieve and maintain (or exceed) it*
  - *Planned timeframes to achieve it*
  - *Financial budgets allocated for actions*
  - *Positions of persons responsible for actions and achieving targets*
  - *Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.*
-  in progress


Comment Attached is the WSP, where the following evidence was identified for each target:

1. How it will be measured and monitored  
Columns: Status, Progress Description, Monitoring System, Goal Assessment.
2. Actions to achieve and maintain (or exceed) it  
Column: Planned actions (potential projects)
3. Planned timeframes to achieve it  
Columns: Prioritization (Short term - next two years, Long term - 3 to 5 years) and Deadline.  
For the long term, the progress made in each year is not shown. Include the initial deadline.
4. Budgets allocated for actions  
Column Cost (R\$) – Some actions were not valued; enter an approximate value if it is not possible to enter a precise value.
5. Positions of persons responsible for actions and achieving targets  
The people responsible for the targets were identified, but their respective positions in the company are not listed.
6. Where available, note the link between each target and the achievement of best practices to help address shared water challenges and the AWS outcomes  
No links were identified between targets and best practices. Links to AWS outcomes were identified, which require review, according to what was verified during the audit.

Minor NC will be recorded for this item.

**Finding No: TNR-013678**

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

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

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Comment	<p>The procedures "Emergency Response Plan - Water" and its annex, "Communication Plan" have been attached.</p> <p>The email regarding the Monitoring of the Amazon River level has been attached in order to monitor one of the risks raised in 1.7.</p> <p>New contact was made with Recofarma do Amazonas in December 2024, requesting clarification on whether the Emergency Response Plan was developed in co-ordination with relevant public-sector and infrastructure agencies.</p> <p>Recofarma responded that the Plan was developed internally and was then shared with interested parties for discussion. A file containing a photo of a meeting held online was added - File 2.4.1 (New December).</p> <p>An Observation will be recorded regarding the Communication Channel with public authorities, since the identified Channel is IPAAM (Environmental Agency of the State of Amazonas), but it is necessary to identify other public channels to deal with matters related to drought and/or other extreme events.</p>
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3 STEP 3: IMPLEMENT - Implement the site's stewardship plan and improve impacts
<p><b>3.1</b> <i>Implement plan to participate positively in catchment governance.</i></p>
<p><b>3.1.1</b> <i>Evidence that the site has supported good catchment governance shall be identified.</i> <span style="float: right;">✔ Yes</span></p>
<p>Comment Attached file with evidence of Recofarma's participation in the following events during 2023:</p> <ul style="list-style-type: none"> <li>- Tarumã-Açu River Basin Committee.</li> <li>- UN Impact Amazon Movement, an initiative of the UN Global Compact.</li> </ul>
<p><b>3.1.2</b> <i>Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.</i> <span style="float: right;">✔ Yes</span></p>
<p>Comment Attached file: Humans Rights Policy Poster_Portuguese_Brazil_v5.pdf</p> <p>Recofarma has a Human Rights Policy, which contains a specific item on Commitment to Communities and Stakeholders.</p>
<p><b>3.2</b> <i>Implement system to comply with water-related legal and regulatory requirements and respect water rights.</i></p>
<p><b>3.2.1</b> <i>A process to verify full legal and regulatory compliance shall be implemented.</i> <span style="float: right;">✔ Yes</span></p>
<p>Comment Attached is the procedure "Audits and Legal Requirements", which describes the actions to perform internal audits of legal requirements. The 2024 internal audit is scheduled to take place from October 28 to November 1.</p> <p>Recofarma uses a legal requirements management system, called Legnet, which assists in organizing and monitoring legal requirements.</p> <p>Attached is the procedure "Management and Monitoring of Compliance with Legal Requirements", which establishes a system for the routine necessary to monitor compliance, identification, access, analysis and updating of legal requirements applicable to CPS Manaus and the Integrated Management System (Occupational Health and Safety, Quality and Environment), Social Responsibility and Food Safety, using systems and tools defined by the company. It also establishes the system and methodology for performing audits to verify legal requirements by the consultancy firm hired for this purpose.</p>
<p><b>3.2.2</b> <i>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.</i> <span style="float: right;">✔ Yes</span></p>
<p>Comment The Company responded to this item, stating that in Brazil, the responsibility for supplying drinking water is established by the Federal Constitution of 1988 and regulated by specific laws. The Federal Constitution of 1988, in its Article 21, states that it is the responsibility of the Union to establish guidelines for urban development, including housing, basic sanitation and urban transportation.</p> <p>Law No. 11,445/2007, known as the National Basic Sanitation Law, reinforces this responsibility, establishing national guidelines for basic sanitation and its regulation. The National Basic Sanitation Plan (PLANSAB) was developed to establish goals and guidelines with the objective of universalizing access to basic sanitation in Brazil.</p> <p>Attached is a document from IPAAM, the Environmental Agency of the State of Amazonas.</p>

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### 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.

Q  
Obs.

**Comment** CPS Manaus annually carries out a process of assessing sustainability indicators, such as water, energy and carbon emissions. They develop short, medium and long-term planning for indicators related to sustainability.

In relation to water, the indicator used is WUR (Water Use Ratio), which calculates the volume of water in liters consumed by CPS and divides it by production in kilograms, thus monitoring consumption and verifying whether the actions implemented to reduce consumption are effective.

Attached, spreadsheet TCCS Water Efficiency Maturity Self-Assessment Tool\_CPSManaus - with the indicator planning and practices implemented and planned to be implemented by 2030.

Also attached is file 3.3.1 Water Balance Status, which contains an item in the WSP related to the Water Balance, with a target for the year 2025 and evidence of the actions taken to request the project.

Recorded Observation on this item: Monitor and identify, in Surveillance Audits, improvements in the WUR Indicator versus actions related to the Site's Water Balance that are included in the Company's WSP.

#### 3.3.2 Where water scarcity is a shared water challenge, annual targets to improve the site's water use efficiency, or if practical and applicable, reduce volumetric total use shall be implemented.

✓  
Yes

**Comment** The Target Area is supplied by Alter do Chão Aquifer, with an estimated water volume of 86 thousand km³. Therefore, it can be stated that among the vulnerabilities existing in the area, water scarcity is not one of them.  
This situation was also not identified by the study carried out by the consultancy Antea Group.

#### 3.3.3 Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.

✓  
Yes

**Comment** Attached files with Recofarma's Operating License, Laboratory Analysis of the parameters contained in the LO, volumes of industrial and domestic effluents discarded, evidencing compliance with the legal requirements for the discharge of treated effluents into the receiving body - Igarapé do Quarenta.

The LO does not identify any condition related to the responsibility for donating water to the community.

### 3.4 Implement plan to achieve site water quality targets

#### 3.4.1 Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.

✓  
Yes

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Comment	Attached files with evidence of compliance with the items identified in the WSP for the indicator.	
	The actions planned for water quality goals are underway, with laboratory analyses scheduled to assess the quality of water from Recofarma do Amazonas' underground collection wells.	
	The laboratory analysis of points upstream and downstream of the Recofarma do Amazonas effluent discharge point in Igarapé dos 40 was carried out in 2024. File added.	
	The feedback provided by input suppliers and service providers shows an opportunity for improvement (Observation recorded in the respective indicators), in accordance with what was verified during the audit.	
3.4.2	<i>Where water quality is a shared water challenge, continual improvement to achieve best practice for the site's effluent shall be identified and where applicable, quantified.</i>	Yes
Comment	According to Brazilian legislation and endorsed by environmental licenses, all requested parameters are met for legal compliance with Brazilian requirements.	
	However, all companies linked to The Coca-Cola Company must also meet the "kore" parameters, which are even more restrictive requirements when compared to local legislation, in order to meet corporate requirements.	
3.5	<i>Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.</i>	
3.5.1	<i>Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.</i>	Yes
Comment	Attached is evidence of compliance with the items identified in the WSP related to IWRA's.	
	The following activities related to IWRAs were defined in the WSP of Recofarma do Amazonas:	
	<ul style="list-style-type: none"> <li>- Conduct quarterly visits to the IWRA within the site.</li> <li>- Install and post signs to raise awareness about an IWRA and discourage actions by others who may damage it within the site.</li> <li>- Map the IWRAs on the site and in the target area.</li> <li>- Visit to Parque das Tribos.</li> </ul>	
	In addition, during the audit, Recofarma reported that it would be coordinating an event in the region (Target Area) for a Cleanup of Rivers and Beaches.	
	Evidence was attached regarding:	
	<ul style="list-style-type: none"> <li>- Planning of the Cleanup Event for Rivers and Beaches. Locations: Parque do Mindú, Parque das Tribos, Parque Jefferson Peres, Remada Ambiental Tamumã, Praia da Ponta Negra;</li> <li>- Minutes of the visit to Parque das Tribos: contacts were made with the aim of learning about the reality of the Park and the residents who live in the region and scheduling a subsequent event related to the cleaning of rivers, mangroves and beaches in the region;</li> <li>- Signs made and in the process of being installed at the IWRA on the site;</li> <li>- Mapping of IWRAs in the Target Area, carried out by Recofarma do Amazonas.</li> </ul>	
3.6	<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>	
3.6.1	<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>	Yes

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**Comment** The Company presented the items related to WASH, as per the attached files. No comparison was made with NR-24, as recorded in 1.3.8 (registered as a minor NC).

Additionally, an interview was conducted with the Nursing Technician, who works business hours from 7:30 am to 5:00 pm, Monday through Friday. She reported the following:

- the company has good practice in providing feminine pads when requested;
- it is very rare for employees to become infected due to food problems. The last time this occurred was in 2021, with cheese, which was removed from the consumption list.
- Recofarma has a Health Plan with Co-participation, which includes dependents (partners in a stable union and children).
- Recofarma has an annual check-up plan, which increases the coverage of exams performed according to the employee's age.
- Occupational exams are performed.
- Recofarma has a program called Spring Health, which provides online consultations for employees' family members.
- The company has a Mental Health program. An outsourced psychologist comes to the company during business hours.
- The company offers 6 months to the mother and 40 days to the father as maternity license to employees.
- The company does not have a place for breastfeeding the children of female employees (registered as a minor NC under item 1.3.8).

**3.6.2** *Evidence that the site is not impinging on the human right to safe water and sanitation of communities through their operations, and that traditional access rights for indigenous and local communities are being respected, and that remedial actions are in place where this is not the case, and that these are effective.*

Yes

**Comment** The Company responded to this item, stating that in Brazil, the responsibility for supplying drinking water is established by the Federal Constitution of 1988 and regulated by specific laws. The Federal Constitution of 1988, in its Article 21, states that it is the responsibility of the Union to establish guidelines for urban development, including housing, basic sanitation and urban transportation.

Law No. 11,445/2007, known as the National Basic Sanitation Law, reinforces this responsibility, establishing national guidelines for basic sanitation and its regulation. The National Basic Sanitation Plan (PLANSAB) was developed to establish goals and guidelines with the objective of universalizing access to basic sanitation in Brazil.

Attached is a document from IPAAM, the Environmental Agency of the State of Amazonas.

**3.7** *Implement plan to maintain or improve indirect water use within the catchment:*

**3.7.1** *Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.*

Yes

**Comment** Attached evidence of all actions described in the WSP for indirect water use. The river and beach cleaning will take place in November 2024. Planning has been added.

There is a video explaining Recofarma's objectives in the consultation carried out with suppliers of inputs and service providers, which was watched during the audit. The size of the video is over 100 MB and cannot be uploaded to Intact.


**3.7.2** *Evidence of engagement with suppliers and service providers, as well as, when applicable, actions they have taken in the catchment as a result of the site's engagement related to indirect water use, shall be identified.*

Yes


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Comment	<p>Evidence of actions attached. River and beach cleaning will take place in November 2024. Planning added.</p> <p>The following activities related to service providers and input suppliers were defined in the WSP of Recofarma do Amazonas:</p> <ul style="list-style-type: none"><li>- Meeting with the Purchasing Team to conduct a survey with suppliers;</li><li>- Conduct a survey according to the created form;</li><li>- Define the main suppliers, identify those within the basin (if applicable) and estimate the volume of water they use to supply the quantity of raw material that Recofarma do Amazonas uses;</li><li>- Define the main service providers, identify those within the basin (if applicable) and estimate water consumption;</li><li>- Formalize a commitment with suppliers and service providers and include them in the cleaning of rivers and beaches.</li></ul> <p>In addition, during the audit, Recofarma reported that it would be coordinating the holding of an event in the region (Target Area) for a Clean-Up of Rivers and Beaches.</p> <p>Evidence was attached regarding:</p> <ul style="list-style-type: none"><li>- Planning of the River and Beach Cleaning Event. Locations: Parque do Mindú, Parque das Tribos, Parque Jefferson Peres, Remada Ambiental Tamumã, Praia da Ponta Negra, with the inclusion of the following partners in the planning: Zero Lixo, Samsung, Solar, SEMULSP, Oriente, FAS, Larifo.</li><li>- Document Mapping Indirect Use.xlsx, with the content and feedback from the survey conducted with Service and Input Suppliers.</li><li>- Document Consultation with suppliers and service providers.pdf with evidence of the emails sent by Recofarma do Amazonas.</li><li>- File 1.4.1.pdf with the definition of the input suppliers of the Recofarma do Amazonas factory and theoretical calculations of water footprints.</li><li>- File 1.4.2.pdf with the definition of the service suppliers of the Recofarma do Amazonas factory and feedback provided related to water use.</li></ul> <p>Observations (opportunities for improvement) were recorded related to the feedback provided by service providers and in relation to input suppliers, based on the evidence and interviews carried out during the Audit.</p>
3.8	<p><i>Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.</i></p>
3.8.1	<p><i>Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.</i></p> <div> Yes</div>

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Comment	<p>Contact was made with Recofarma do Amazonas in December 2024, requesting additional information.</p> <p>Recofarma do Amazonas reported, on 1.5.6, the existence of Water Treatment Plants (ETA's), Effluent Treatment Plants (ETE's) in the City of Manaus, as well as Water Collection Infrastructures for the City's Population.</p> <p>These structures are not shared by Recofarma do Amazonas.</p> <p>The Company collects groundwater, which is treated internally on site and has its own Effluent Treatment Plant, which discharges, after being treated, into the Igarapé dos 40. Attached file, 1.5.6_Water Infrastructure (New).xlsx.</p> <p>The only structure shared by Recofarma do Amazonas is the Drainage Structure, which is used to send the Treated Effluent from Recofarma to the final discharge point, at Igarapé dos 40.</p> <p>The route of this structure was monitored during the Audit, as far as possible (photos highlighted in the attached set of photos). It was not possible to enter the dense forest area up to Igarapé dos 40, due to difficult access (the access gate located at another industrial unit was locked with a padlock and the employees of the local company could not find the keys, despite having been previously informed of the visit to be carried out by Recofarma). Risks in access were also pointed out by Recofarma (venomous animals, uneven terrain, need to open small accesses using machetes). As far as it was possible to verify, the structure was intact and without visible structural risks.</p> <p>A new file sent by Recofarma do Amazonas in December 2024 was added - Water Emergency Plan (New December).xlsx.</p> <p>The identified risks do not include information related to the drainage structure; there are risks related to Pollution of the Receiving Body, due to contamination by industrial waste, inadequate sewage disposal, and chemical spillage.</p> <p>The contacts identified in the event of any events are:</p> <ul style="list-style-type: none"><li>- Environmental Authorities: IPAAM Contacts: Email: protocolo@ipaam.am.gov.br Technical Support Phone: +55 92 8441-3691</li><li>- Recofarma Internal Teams: Water Committee Meeting; Management Meeting.</li><li>- Local Communities: Harman Contacts: Phone: +55 92 3306-1156 Email: fredson.malcher2@harman.com</li></ul>
3.9	<p><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></p>
3.9.1	<p><i>Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.</i></p> <div> Yes</div>

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**Comment** A file has been attached containing evidence of actions taken for 3.9.1 Best practices relevant to water governance in the basin.  
Double-click on the files in the document to open them.

The following practices and evidence were attached to this indicator:

At the Industrial Plant:

1. Implementation of AWS certification (in process).
2. Develop a comprehensive water management plan, routinely (at least annually) reviewed and updated considering AWS requirements (WSP): attached WSP.
3. Campaigns and awareness for associates and third parties on the efficient use of water with the aim of reducing consumption: Copy of the announcements made internally at CPS Manaus.
4. Installation of flow meters to cover 100% of water measurements for services and manufacturing and complement the plant's water balance (approved project): identification and internal approval of the Proposed Project (evidence included in the document).
5. Establish annual goals for water use per kg of manufactured product and development of internal projects for efficient use of water: Inclusion of the TCCS Water Efficiency Maturity Self Assessment file. The Tactical Plan tab shows the WUR values for the next 5 years (2025 to 2030).
6. Carry out Challenges in EPIC Ideas for Water Reduction: copies of internal announcements posted at CPS Manaus.
7. WUR-Water Committee - Action Plan for Challenges Encountered: copy of internal e-mail from CPS Manaus related to actions forwarded.
8. Water Hackathon: copy of the announcement of an internal event at CPS Manaus to gather ideas related to reducing water consumption at the industrial plant.

Practices related to the Target Area

1. Monitor discussions at the Tarumã-Açu Basin Committee: copy of the Basin Committee's promotional material and CPS Manaus' official letter indicating the participants in the Committee.
2. IWRA Meetings – Parque das Tribos Community: Photos of meetings with members of the Parque das Tribos Community.

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





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Comment File 3.9.2 Best practices regarding sustainable water balance in sectors and/or basins has been attached, containing evidence of actions related to this item.  
Double-click on the files within this document to open them.


The following practices and evidence were attached to this indicator:

Industrial Unit:

1. Conduct a study with a company specialized in Water Resources on the risks of the basin and how they impact the CPS Manaus (Source Vulnerability Survey – SVA) every 5 years (last 2022): attached copy of the Study entitled Vulnerability of Water Sources, prepared by Antea Brasil, São Paulo-SP, October 2022.
2. Develop a procedure to minimize water consumption and prevent rainwater pollution: attached copy of internal document WA-03125 - Rainwater Pollution Prevention Plan.
3. Carry out mapping of where water is used: attached image with new revised water balance for WAS Audit at CPS Manaus.
4. Installation of flow meters to cover 100% of water measurements for services and manufacturing and to complement the plant's water balance: attached copy of the Project and approval for execution in 2025.
5. Raising awareness about the efficient use of water: actions carried out by CPS Manaus Environmental team.
6. Replacement of Raw Water with Recycled Water (wastewater after industrial effluent treatment) in gardening, bathrooms (near the restaurant, used to flush toilets), Cooling Tower System – Alpina, Washing of Packaging before disposal (removal of product or raw material residues), Cleaning of external areas (floors, patios, sidewalks, truck tires, etc.), Reuse of evaporation water from cold rooms, Reuse of recycled water in evaporative condensers in the machine room, Reuse of backwash water from carbon filters – ETA and ETEI: attached information table on the projects executed and in progress in the years 2022, 2023 and 2024.

Programs executed in Hydrographic Basins:

1. Minimization of water consumption by guarana producers through the "Olhos da Floresta" Program: photos of the Program in execution in the year 2024, released on the World Water Day.

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



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**Comment** File 3.9.3 Best practices related to water quality in relevant sectors or basins has been attached, containing evidence of actions related to this item.  
Double-click on the files within this document to open them.

Best practices regarding water quality in relevant sectors or basins:

1. Internal monitoring of wastewater quality parameters: attached procedure WA03125 - Rainwater Pollution Prevention Plan.
2. Biannual external monitoring of water quality in wells: attached spreadsheet with values and analysis of analytical results and Analytical Reports.
3. Quarterly external monitoring of wastewater quality parameters internal requirement Kore (more restrictive than local legislation): attached spreadsheet with values and analysis of analytical results and Analytical Reports.
4. Annual external monitoring of the receiving body: attached Analytical Reports of the monitoring points upstream and downstream of the effluent discharge point of CPS Manaus in Igarapé dos 40.
5. Control of pumping rest time: attached documents related to the implementation of rest time control of CPS Manaus groundwater collection pumps.
6. Monthly control of the dynamic and static levels of the wells: attached data from the level control of wells 1 and 2 of CPS Manaus.

**3.9.4** *Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.*



Yes

**Comment** File 3.9.4 IWRA Best Practices has been attached, containing evidence of the actions related to this item.  
Double-click on the files within this document to open them.

IWRA Best Practices:

1. Program that enables access, distribution, storage and treatment of water in riverside communities in the Amazon, together with the Fundação Amazonia Sustentável - FAS: attached presentation and images with the content of the program developed in the state of Amazonas. CPS Manaus (Coca-Cola) is one of the sponsors.
2. Bolsa Floresta/Guardiões da Floresta Program: presentation of the Guardiões da Floresta Project. CPS Manaus (Coca-Cola), together with Fundação Avina, is one of the sponsors.

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



Yes

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**Comment** File 3.9.5 Relevant sector and/or basin best practices for the delivery of equitable and locally appropriate WASH services has been attached, containing evidence of actions related to this item.

Double-click on the files within this document to open them.

The content of the attached document provides the following information.

Industrial Plant:

1. Post on common platforms (YAMMER) about hygiene and personal care: attached internal announcements made at CPS Manaus about personal hygiene care.

2. LUP Program (Specific classes in strategic areas of the factory for personal care and hygiene): images of the content communicated internally and an illustrative video (file not attached, as the platform does not support the size).

3. Mapping of hand hygiene stations in general areas of the facilities: attached list of Recofarma bathrooms and changing rooms.

4. Hand washing points. Mapping made for the COVID-19 pandemic. File: Plant Map - Hygiene V1: attached presentation containing hand hygiene points throughout the industrial area and other Recofarma locations.

5. Project approved for 2025 for expansion of the women's changing room, to achieve gender equality; The goal is to equalize the number of men and women in the plant: the project is included in the investment items for 2025.

6. Communications on the use of bathrooms: internal announcements made at CPS Manaus about the use of bathrooms by people of any gender identity are attached.



In River Basins:

1. Implement the "Water + Access" Program, which has three basic supply models to enable or expand access to water: a direct river collection system, an artesian well system with ultraviolet (UV) treatment, and a hybrid collection and UV treatment system. This program enables access, distribution, storage, and treatment of water in riverside communities in the Amazon: presentations and explanatory images of the program are attached, in which Recofarma do Amazonas participates as one of the sponsors (Coca-Cola).

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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>	 in progress
Comment	<p>Attached File Water Stewardship Plan – 2024 Manaus.xlsx</p> <p>In Column M - Target Assessment/Comments (KPIs), an assessment was carried out for each target.</p> <p>There is correspondence between AWS's targets and outcomes in column O.</p> <p>There are several Outcomes for each target, which require review, so that they can be effectively measured.</p> <p>A more global assessment by Outcome in relation to the fulfillment of all targets was not carried out by the Company.</p> <p><b>Finding No: TNR-013730</b></p>	
4.1.2	<i>Value creation resulting from the water stewardship plan shall be evaluated.</i>	 Yes

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Comment Attached Recofarma do Amazonas WSP, file Water Stewardship Plan 2024 - Manaus.xlsx.

Value creation evaluation resulting from Recofarma de Manaus Water Stewardship Plan are described in the Potential Savings and Business Opportunities / Values Created columns.

Targets:

- Goal 1 - Implement 1 backup source as supplementary supply.
- Goal 2 - For the 2024 Water Balance, obtain an error of up to 5% difference between inputs and outputs
- Goal 3 - Obtain 2030 WUR Reduction of 27% versus the value in 2015
- Goal 4 - Monitor the Sewage System Coverage Plan in Manaus: in 2024 estimated to be 38%
- Goal 5 - Perform 2 potability tests of the water from Wells 1 and 2 per year.
- Goal 6 - Perform 1 influence test between wells per year
- Goal 7 - Determine the appropriate drawdown level for wells 1 and 2, perform well level control, install automation to interlock the intake of wells
- Goal 8 - Execute a project to expand the WTP capacity (20m³/h by 2031)
- Goal 9 - Map costs related to the Environmental Area, with the goal of having the cost accounted for in 2024
- Goal 10 - Keep the Operating Licenses and Grants Valid in 2024
- Goal 11 - Conduct at least 3 engagement meetings: World Water Day; Environment Week; Cleaning of Rivers and Beaches in 2024
- Goal 12 - Quantify the indirect use of the main suppliers and service providers
- Goal 13 - Participate in projects with an impact on the riverside communities of guarana producers present in the Olhos da Floresta Program
- Goal 14 - Implementation of new systems in 4 communities by 2024 in the Água + Acesso Project in Amazonas
- Goal 15 - Once a year, monitor and evaluate the receiving body, Igarapé dos 40
- Goal 16 - Preparation and implementation of a project to increase the capacity of the ETEI (Industrial Effluent Treatment Plant) to 20m³/h
- Goal 17 - Preparation and implementation of a project to increase the capacity of the ETED (Domestic Sewage Treatment Plant): treatment capacity for a minimum of waste from the use of 400 users or 28m³/day and 1.16m³/hour
- Goal 18 - Mapping of IWRAs: establish a regular monitoring program to observe any changes or impacts in an IWRA
- Goal 19 - Train and plan meetings with the entire EGRH (Water Resources Management Team).

Potential Economy / Business Opportunities and Values Created for each Target:

- GOAL 1 - Recofarma currently does not pay for what is collected from the wells. Should another water source be needed, water from the concessionaire Águas de Manaus would be the source, which would bring an estimated cost of R\$ 220k per month for business continuity / Business continuity guaranteed.
- GOAL 2 - Reduction of Water Waste, Operational Efficiency / Development of Technologies, Certifications and Sustainability Standards
- GOAL 3 - Reduction of Water Consumption. Savings in Water Treatment / Efficient operation in terms of water and improved social license to operate.
- GOAL 4 - Recofarma currently does not pay for what is collected from the wells. If another source of water is needed, the water from the Águas de Manaus concessionaire would be the source, which would bring an estimated cost of R\$ 220k per month for business continuity / The advancement of basic sanitation is crucial to protect human rights, value culture, and preserve the environment. Investing in sanitation promotes sustainable development and ensures a society that prioritizes health, culture, and the environment as the foundations of a dignified and complete existence.
- GOAL 5 - Recofarma currently does not pay for what is collected from the wells. If another source of water is needed, the water from the Águas de Manaus concessionaire would be the source, which would bring an estimated cost of R\$ 220k per month for business continuity / Water quality and security, in addition to preserving the water table.
- GOAL 6 - Conserve and protect natural resources (water) / Understanding the extent of a

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well's zone of influence is crucial to planning the sustainable use of groundwater, avoiding overexploitation that can lead to the depletion of water resources and cause lasting negative impacts on communities, culture and the environment.

- GOAL 7 - Implementing water conservation and efficient use technologies can reduce dependence on groundwater sources, saving money in the long term / Research and development in water conservation and water recirculation techniques can position the company as a leader in sustainability and environmental innovation.
- GOAL 8 - Investing in the expansion and modernization of WTPs can avoid costs with production interruptions and environmental problems / Improved efficiency in water treatment, in addition to the economic impact, ensures that a greater number of people have access to quality drinking water, which is essential for health. The availability of clean water prevents water-borne diseases and improves quality of life.
- GOAL 9 - Avoidance of significant fines and financial penalties associated with environmental non-compliance. Avoid legal costs arising from lawsuits for environmental damage or non-compliance. Implementing a rigorous preventive maintenance program can significantly reduce costs associated with emergency repairs and downtime. Preventing catastrophic failures improves equipment lifespan and reduces the need for frequent replacements / Business continuity guaranteed. Water quality guaranteed. By maintaining compliance with environmental regulations, the Company positions itself as a sustainable leader and attracts investors. Enhanced credibility that can open doors to new contracts and partnerships, especially in markets sensitive to sustainability.
- GOAL 10 - Production shutdowns can generate a direct cost of approximately R\$20 million per day. Production shutdowns can interrupt the supply of beverages to Latin America. Should another source of water be needed, we will have water from the concessionaire Águas de Manaus as the source, which would bring an estimated cost of R\$220k per month for business continuity / Keeping the operating license up to date promotes the continuity of operations, helping to maintain the company's productivity and reputation. Positive relationship with regulatory bodies, opening doors for future expansions and faster approvals. Business continuity guaranteed
- GOAL 11 - Conserve and protect natural resources (water) / Responsible use of natural resources (water) internally and by stakeholders. Minimizing the pollution footprint on the environment
- GOAL 12 - Conserve and protect natural resources (water) / Responsible use of natural resources (water) internally and by stakeholders.
- GOAL 13 - Conserve and protect natural resources (water) / Reduce local water withdrawals, these practices help promote broader social well-being in the region.
- GOAL 14 - Conservation of natural resources (water) / Protection and restoration of ecosystems. Integrated water resource management. Efficient use of water.
- GOAL 15 - Conserve and protect natural resources (water) / The last monitoring in November 2023 indicates that the water quality of the Igarapé in Cachoeirinha, in Beco do Nonato in Manaus, has improved due to the recent implementation of the sewage system, a pioneering initiative in stilt house areas in the country.
- GOAL 16 - Internal reuse of water after effective treatment, saving 19,000 m³/year, meets the basic needs of approximately 487 individuals, in accordance with UN standards / Business continuity guaranteed.
- GOAL 17 - Conserve and protect natural resources (water) / Business continuity guaranteed.
- GOAL 18 - Conserve and protect natural resources (water) / Water quality and security, in addition to preserving the water table. By reducing local water withdrawals, these practices help promote broader social well-being in the region.
- GOAL 19 - Sustainable management of water resources / Efficient water management ensures the fair distribution of this resource, favoring consumption, hygiene and agriculture, in addition to protecting against natural disasters, supporting sustainable development and poverty reduction.

#### 4.1.3

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



Yes

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**Comment** Water Stewardship Plan – 2024 Manaus.xlsx file attached .  
In Column T - Shared Values, the assessments requested in the indicator were carried out.  
Some Goals will be linked to Recofarma's WSP Plans for several years, due to the commitments of the Water and Sewage Treatment Concessionaire with the City Hall.

### Targets:

Goal 1 - Implement 1 backup source as supplementary supply.  
Goal 2 - For the 2024 Water Balance, obtain an error of up to 5% difference between inputs and outputs  
Goal 3 - Obtain 2030 WUR Reduction of 27% versus the value in 2015  
Goal 4 - Monitor the Sewage System Coverage Plan in Manaus: in 2024 estimated to be 38%  
Goal 5 - Perform 2 potability tests of the water from Wells 1 and 2 per year.  
Goal 6 - Perform 1 influence test between wells per year  
Goal 7 - Determine the appropriate drawdown level for wells 1 and 2, perform well level control, install automation to interlock the intake of wells  
Goal 8 - Execute a project to expand the WTP capacity (20m³/h by 2031)  
Goal 9 - Map costs related to the Environmental Area, with the goal of having the cost accounted for in 2024  
Goal 10 - Keep the Operating Licenses and Grants Valid in 2024  
Goal 11 - Conduct at least 3 engagement meetings: World Water Day; Environment Week; Cleaning of Rivers and Beaches in 2024  
Goal 12 - Quantify the indirect use of the main suppliers and service providers  
Goal 13 - Participate in projects with an impact on the riverside communities of guarana producers present in the Olhos da Floresta Program  
Goal 14 - Implementation of new systems in 4 communities by 2024 in the Água + Acesso Project in Amazonas  
Goal 15 - Once a year, monitor and evaluate the receiving body, Igarapé dos 40  
Goal 16 - Preparation and implementation of a project to increase the capacity of the ETEI (Industrial Effluent Treatment Plant) to 20m³/h  
Goal 17 - Preparation and implementation of a project to increase the capacity of the ETED (Domestic Sewage Treatment Plant); treatment capacity for a minimum of waste from the use of 400 users or 28m³/day and 1.16m³/hour  
Goal 18 - Mapping of IWRAs: establish a regular monitoring program to observe any changes or impacts in an IWRA  
Goal 19 - Train and plan meetings with the entire EGRH (Water Resources Management Team).

### SHARED VALUES:

GOAL 1 - Having an alternative water source ensures that the population does not run out of water in the event of contamination, maintaining access to drinking water for consumption, hygiene and food production.  
GOAL 2 - Environmental Responsibility; Community Engagement.  
GOAL 3 - Environmental Sustainability; Community Engagement and Education.  
GOAL 4 - Improving sanitation in the city of Manaus, improving the water quality of local water bodies. In 2024, the concessionaire Águas de Manaus should close the year with more than R\$355 million invested in basic sanitation, with the main focus on expanding the sewage system. According to the concessionaire's website in March of this year, 30% of the population of Manaus has access to sewage services.  
By 2033, the "Treat Manaus Well" Program will have invested R\$2 billion in the construction of micro-basins. Using micro-basins, sewage treatment plants will be installed throughout the city of Manaus.  
GOAL 5 - Access to drinking water is essential for economic growth, enabling food production, industry and community development.  
GOAL 6 - Contributes to preventing soil degradation, preserving the natural water cycle and protecting groundwater from excessive extraction; reduces the likelihood of droughts and water shortages, strengthening the capacity to resist and adapt to climate change.  
GOAL 7 - Effective water conservation practices are beneficial for maintaining biodiversity and the local population, ensuring the availability of the resource in the future. Proactive water management actions demonstrate responsibility and commitment to sustainability,

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strengthening the corporate image.

GOAL 8 - Efficiency in water treatment is not only a technical issue, but also an important contribution to human well-being, cultural preservation and environmental protection.

GOAL 9 - Investments in environmental fees and monitoring reflect the company's commitment to environmental protection and community well-being, ensuring operations aligned with sustainable development.

GOAL 10 - Maintaining the operating license demonstrates the company's responsibility to environmental and safety standards, strengthening the trust of the community and regulators, while ensuring the continuity of jobs and support for the local economy without compromising natural resources.

The responsible management of well extraction concessions ensures the sustainable use of groundwater, protecting this vital resource for future generations and the local community.

The use of efficient technologies promotes innovative water management practices that benefit the entire society.

GOAL 11 - Effective water management is crucial for equity and social well-being, ensuring clean water for everyone, with positive impacts on health and quality of life, and contributes to social peace. Culturally, protecting water resources values traditions and the identity of communities that have water as an essential part of their heritage.

GOAL 12 - Efficient water management promotes fair access to drinking water, benefiting health and socioeconomic development, especially in underserved regions, and contributes to social peace by avoiding conflicts over water resources.

GOAL 13 - Access to drinking water is essential for economic growth, enabling food production, industry and community development.

GOAL 14 - Universal access to drinking water. Sanitation and hygiene for all.

GOAL 15 - The introduction of basic sanitation has resulted in significant improvements to the environment and people's quality of life, as well as creating more favorable conditions for aquatic fauna.

GOAL 16 - Cultural perceptions of water are influenced by heritage, tradition, history, education, among other factors. The appreciation of water can be spiritual, aesthetic or recreational. By reducing consumption and pollution by effluents, the availability of quality water increases, enriching natural sources of leisure and beauty for the community.

GOAL 17 - Cultural perceptions of water are influenced by heritage, tradition, history, education, and other factors. The value placed on water can be spiritual, aesthetic, or recreational. By reducing consumption and effluent pollution, the site increases the availability of quality water, enriching natural sources of leisure and beauty for the community.

GOAL 18 - Areas that allow rainwater to percolate, helping to maintain the water table, positively influencing the water balance, and helping to reduce local temperatures. Actively participate in the protection and restoration of local watersheds.

GOAL 19 - Water resource management emphasizes the need for integrated and collaborative approaches, recognizing water as a valuable multifaceted asset that must be preserved and managed responsibly for current and future benefits.

**4.2** *Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.*

**4.2.1** *A written annual review and (where appropriate) root-cause analysis of the year's emergency incident(s) shall be prepared and the site's response to the incident(s) shall be evaluated and proposed preventative and corrective actions and mitigations against future incidents shall be identified.*





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**Comment** Contact was made in December 2024 with Recofarma da Amazônia to clarify whether or not there were emergency incidents in 2024 or 2023.

Recofarma da Amazônia reported that, in 2023 and 2024, Amazon State faced a severe drought, due to precipitation anomalies. This reduced river levels and flows, affecting supply, navigation, geological stability and ecology. The Brazilian Geological Survey - SGB implemented comprehensive monitoring, including periodic bulletins.

On site, there were no problems with water availability in wells or contamination, but there are plans for an annual review and analysis of incidents, if they occur.

In addition, as preventive measures against this type of event, the following are available:

- Emergency brigade training (Leaks and spills), carried out once a year.
- Secondary containment in chemical storage for tanks, drums, among others.
- The hydraulic infrastructures of the liquid and solid production areas are directed to the Industrial Effluent Treatment Plant.
- Annual emergency drills.
- A resilience plan has been implemented.

Depending on the type of incident, if they occur, investigation meetings are held to determine the root cause and establish action plans to prevent the recurrence of this type of situation.

**4.3** *Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.*

**4.3.1** *Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.*



Yes

**Comment** As evidenced by the attached documentation, a communication (e-mail) was sent to the main Stakeholders regarding the results of Recofarma's 2023 WSP and the shared Challenges and initiatives related to these challenges.

The forwarded Letter mentions that the information will be disclosed frequently or whenever requested, allowing everyone to monitor the progress of the plan and contribute with ideas.

At the end of 2024, after reviewing and evaluating the 2024 WSP, all targets and their respective results shall be communicated to the Stakeholders, requesting their evaluations and contributions.

**4.4** *Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.*

**4.4.1** *The site's water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations in this step and these changes shall be identified.*



Yes



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Comment Lessons learned were defined in the attached document.

The following points related to the WSP Review were discussed during the AWS Audit with Recofarma do Amazonas, and new considerations were added by the Recofarma team:




1. Determine the frequency of the WSP review, whether annually or when:
  - a. A goal is achieved;
  - b. A goal is not achieved;
  - c. New actions are introduced;
  - d. Stakeholders object to an action or its outcome;
  - e. An action did not have the expected consequence or impact;
  - f. An action caused an unexpected undesirable impact;
  - g. An action proved to be disproportionately costly;
  - h. A change in regulation occurs.
  - i. Some other relevant change occurs.
2. Update the registration and archiving methodology in a single file, with an identification column for each year. Do not file spreadsheets for each year, so that Recofarma can monitor the development of the plan over the years and also because there are goals related to monitoring compliance with external actions (for example, expanding sewage treatment services to the Manaus region), which are expected to be completed in the medium and long term.
3. Review the AWS results column in the WSP, add icons for better visualization.
4. Review quantitative values in the "values created and shared" columns.
5. Define value/cost per year, if the project takes place over more than one year.
6. Add a column with a start and end date for each action.

Other considerations contained in File 4.4.1 Lessons Learned (New) refer to other conclusions of the Recofarma Manaus team during the process of adapting to AWS requirements.

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5	STEP 5: COMMUNICATE & DISCLOSE - Communicate about water stewardship and disclose the site's stewardship efforts	
5.1	<i>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.</i>	
5.1.1	<i>The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.</i>	 in progress
Comment	Attached document confirming disclosure through the Company's internal channel: Posted on Viva Engage at CPS Manaus - Internal Communication.  However, there was no evidence of disclosure of the same information to the external public. A minor NC was registered.	
		<b>Finding No: TNR-013731</b>
5.2	<i>Communicate the water stewardship plan with relevant stakeholders.</i>	
5.2.1	<i>The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.</i>	 in progress
Comment	The WSP targets were not assessed against AWS Outcomes, therefore, this assessment was not communicated to the relevant Stakeholders. Minor NC was recorded.	
		<b>Finding No: TNR-013733</b>
5.3	<i>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.</i>	
5.3.1	<i>A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.</i>	 Yes
Comment	Internal dissemination via Teams meeting and external dissemination via email forwarding a Letter with WSP 2023 performance against targets to relevant stakeholders were evidenced.  New contact with Recofarma de Manaus was made in December 2024, requesting the list of Stakeholders to whom the company forwarded the WSP 2023, as stated in the attached file EMAIL P2.pdf.  See below (file 5.3.1 Identification (New December).xlsx attached.  IDENTIFIED STAKEHOLDERS:  Manaus Ambiental/ Águas de Manaus Industrial Oriente FAS-Sustainable Amazon Foundation Tarumã-Açu Basin Committee GREIF Industrial Packaging DO LABELPRESS Industry and Commerce DD WILLIAMSON do Brasil Ltda. KLABIN SA PLACIBRAS da Amazônia Ltda. (PCE Packaging) Agropecuária JAYORO LTDA IMAFLOA (Forest and Agricultural Management and Certification Institute) Indigenous Community - Parque das Tribos	

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<b>5.4</b>	<i>Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies.</i>	
<b>5.4.1</b>	<i>The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.</i>	 Yes
Comment	The documents attached in 5.3.1 demonstrate the communication to relevant stakeholders of the challenges shared by the site, related to 2023. They were also disseminated internally within the Company.	
<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>	 Yes
Comment	Recofarma has scheduled a meeting via Teams with relevant Stakeholders and Public Agencies for November 22nd, 2024, with the aim of publicizing shared water challenges (Argendamento via Teams (New).png file).	
<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>	 Yes
Comment	<p>During the critical analysis meetings related to Recofarma's ISO 14001 certification, incidents at the Unit and respective corrective actions are reported.</p> <p>In critical analysis item 9.3 d) 2) a higher intake in 1 of the wells is reported, thus the interlocking project was approved (BR2024-20   WELL FLOW CONTROL AUTOMATION). Documentation evidenced and attached.</p> <p>The communications to the interested parties and IPAAM, the Environmental Control Agency of the State of Amazonas, were evidenced and attached.</p>	
<b>5.5.2</b>	<i>Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.</i>	 Yes
Comment	In addition to the files already included in 5.5.1, two more files relating to communications made to a Company neighboring Recofarma were attached, with corrective actions that were carried out for occurrences verified during the rainy season in 2023.	
<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>	 Yes
Comment	<p>Attached are two communications made to IPAAM, the Environmental Agency of the State of Amazonas, referring to occurrences in 2023, related to the construction of a new industrial plant within Recofarma and a chemical product leak, both mentioned in the Critical Analysis meeting of the ISO 14001 certification.</p> <p>The communications were accompanied by corrective actions carried out by Recofarma.</p>	

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### Photographic Evidence from Audit



6. IWTP - Lamellar decanter - chemical products1.jpeg



11. WASH\_Eyewash shower - Maintenance.jpeg

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1.Product warehouse\_dangerous products\_environment\_oil waste.jpeg



6. IWTP - CT15 - Equalization tank1.jpeg



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1.Product warehouse\_CIP solution.jpeg



11. WASH\_Eyewash shower - Diesel oil reception ACTIVATION.jpeg

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1.Product warehouse\_cleaning products\_Sodexo1.jpeg



3.WTP - Semi-treated tank.jpeg

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6. IWTP - Sludge.jpeg



3.WTP - UV lamps.jpeg



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3.WTP - 100 Tank.jpeg



11. WASH\_Drinking point and sink - production area.jpeg

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2.IWRA site - Dry Dock - side view.jpeg



1.Product warehouse\_dangerous products\_Environment.jpeg



1.Product warehouse\_dangerous products\_environment\_oil waste1.jpeg



**WSAS**

2 Quality Street North Berwick, EH39 4HW, UNITED KINGDOM

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3.WTP - chlorine dispenser.jpeg



1.Product warehouse\_chemical products\_ETE11.jpeg



1.Product warehouse\_dangerous products\_environment\_oil waste2.jpeg

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4. DETP\_Discharge for drainage piping.jpeg



1.Product warehouse\_CIP solution1.jpeg



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11. WASH\_Sink\_Maintenance.jpeg



3.WTP - UV lamps 1.jpeg



5. WELLS\_chlorine dispenser.jpeg

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2.IWRA site - Dry Dock - side view 1.jpeg



7. Non-hazardous Waste Center1.jpeg

**WSAS**

2 Quality Street North Berwick, EH39 4HW, UNITED KINGDOM

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9. Locked access to the path of Recofarma final effluent discharge point.jpeg



1.Product warehouse\_cleaning products\_Sodexo.jpeg

# CERTIFICATION REPORT

## Alliance for Water Stewardship (AWS)

Audit Number: AO-001315



11. WASH\_Drinking point - near coca-cola mix.jpeg



4. DETP\_Identification.jpeg



1.Product warehouse\_cleaning products\_Sodexo2.jpeg

**WSAS**

2 Quality Street North Berwick, EH39 4HW, UNITED KINGDOM



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9. Inspection box\_rainwater and treated effluent pipes\_final discharge Igarape Quarenta.jpeg



6. IWTP - CT15 - Equalization tank.jpeg

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4. EETP - Flow meter.jpeg



7. Non-hazardous Waste Center.jpeg

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6. IWTP - Lamellar decanter - flowmeter.jpeg



5. WELLS\_Underground collection well 1.jpeg

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11. WASH\_Drinking point - Maintenance.jpeg



8. WATER REUSE\_washing drums.jpeg



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5. WELLS\_Underground collection well 2.jpeg



6. IWTP - Lamellar decanter.jpeg

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3.WTP - drainage.jpeg



1.Product warehouse\_diesel oil receiving.jpeg

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4. DETP - Local fauna.jpeg



9. Path to release effluents\_Igarapé do Quarenta.jpeg

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6. IWTP - Decanter.jpeg



7. Non-hazardous waste collectors.jpeg



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6. IWTP - CT05 - Homogenization tank1.jpeg



10. Recofarma product portfolio 1.jpeg

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5. WELLS\_flow meter.jpeg



8. WATER REUSE\_washing drums1.jpeg

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11. WASH\_Eyewash shower - diesel oil receiving point.jpeg



1.Product warehouse\_chemical products\_ETEL.jpeg

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6. IWTP - Lamellar decanter - chemical products.jpeg



4. DETP - Discharge pipes.jpeg



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1.Product warehouse\_chemical products\_ETEI2.jpeg



4.DETP - biodigestor.jpeg

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10. Recofarma product portfolio.jpeg



6. IWTP - CT05 - Homogenization tank.jpeg

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11. WASH\_Eyewash shower near the purification area.jpeg



10. Recofarma Clients.jpeg

☒

Yes

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**Comment** The photos presented were evaluated by Recofarma's legal department and released for presentation in AWS Audit Report. They represent the following areas that were visited during the Audit:

- Chemical product deposits
- Internal IWRA: Dry dock
- Water Treatment Plant
- Domestic Effluent Treatment Plant
- Industrial Effluent Treatment Plant
- Raw Water Collection Wells
- Solid Waste Treatment Area
- Examples of Water Reuse
- Examples of Internal Areas with WASH facilities
- Photos with Recofarma de Manaus' product portfolio
- Location of Recofarma de Manaus' main customers
- Access to Recofarma's External Area where the company's domestic and industrial effluents are discharged (access was not possible due to the delay in locating the padlock key)
- Path to be taken to the discharge point of treated effluents - domestic and industrial in Igarapé do Quarenta
- Inspection box of underground piping that contains domestic and industrial effluents from Recofarma de Manaus, which continues in direction to Igarapé do Quarenta



6. IWTP - Lamelar decanter1.jpeg



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1.Product warehouse\_paints and oils\_Sodexo.jpeg

### Upgrade or Downgrade of Certification

#### Justification for Upgrade or Downgrade

#### Summary of Evidence which led to change

### Previous Findings

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

  
N/A