

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000701

SITE DETAILS

Site: **Agricola Chapi**

Address: Av. Alfredo Benavides No. 1944, Lima 18, PERU

Contact Person: Tirco Rojas

AWS Group Reference Number: AWS-G-000004

Site Structure: Multi Site

CERTIFICATION DETAILS

Certification status: Certified Core

Date of certification decision: 2023-Nov-23

Validity of certificate: 2026-Nov-23

AUDIT DETAILS

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

Audit Type(s): Re-Certification Audit

Audit Start Date: 2023-Sep-04

Lead Auditor: Juan Carlos Cerón Vinueza

Audit team participants:

Juan Carlos Cerón, Lead Auditor

Site Participants:

Jesus Fernando Baselly, Employee

Tirco Rojas, Head of Sustainability

Ana Aparcana, Department Head HSE

Bernardo Quispe, Water Resources Manager

Jose Cajamarca, Employee

Marco Sánchez, Employee

Rosario Flores, Legal Counsel Operations

Cesar Insignares, Operations manager

Nilson Mendoza, Operations Intern

Jesusa Valencia, Water Treatment Specialist

Renzo Gardella, Other

Alex Landa, Employee

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ASSIGNED SITE(S):

Name	Address	Contact name	AWS reference
Fundo Don Ernesto	CAS. PAMPA CASTILLOS-5 PIEDRAS CAR. PANAM SUR KM Int 320, Santiago, Ica 11230, PERU	Tirco Rojas	AWS-000201
Fundo Doña Julia	FND. RED GLOBE CAR. PANAMERICANA SUR Km 283 Salas,, Ica 11500, Salas, PERU	Tirco Rojas	AWS-000202

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ADDITIONAL INFO

Summary of Audit Findings: A total of 7 (seven) findings were raised during the re-certification audit, 7 (seven) major non-conformities, 0 (zero) minor non-conformities, 2 (two) observations. The major non-conformities were of sufficient concern to warrant the categorization of the non-conformity as major and related to GOOD WATER GOVERNANCE, SUSTAINABLE WATER BALANCE, GOOD WATER QUALITY STATUS, IMPORTANT WATER-RELATED AREAS, SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)

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 60 days of receipt of the audit report by 26-11-2023.

The major non-conformities must be sufficiently addressed, and evidence submitted to WSAS within 90 days of receipt of the report by 26-12-2024

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

The audit team RECOMMENDS re-certification of AGRICOLA CHAPI (Dona Julia y Don Ernesto) at Core level pending approval of the corrective actions plan and closure of the major non-conformities.

CLOSURE OF FINDINGS AND CORRECTIVE ACTION PLAN:

The Client has successfully resolved the major non-conformity and submitted the corrective action plan 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.

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Scope of Assessment: The scope of services covers the recertification audit for assessing conformity of AGRICOLA CHAPI against the AWS International Water Stewardship Standard Version 2.

AGRICOLA CHAPI was established in 1997 and its headquarters are in Lima (Peru). AGRICOLA CHAPI is a producer and exporter of agricultural products. Its products reach the markets of America, Europe, Africa, Asia, and Oceania. For its AWS certification AGRICOLA CHAPI is a multisite formed by the farms: Doña Julia y Don Ernesto. The products offered by the sites are

- DONA JULIA: Grape
- DON ERNESTO: Grape, Avocado and Asparagus

A brief description of the farms that make up the multisite is presented below:

1- DONA JULIA is a Grape farm with a total area of 250 hectares, of which 225 hectares are in production. It located is in Villacuri, Ica Region, Peru approximately 30 km from the city of ICA. The site has the following general infrastructure for its production processes (The estimated annual production of the farm for export is confidential):

- 1 sectors of grape plantation (SUGRATHIRTYFIVE (AUTUMN CRISP), IFG TEN (SWEET GLOBE), SUGRANINETEEN (SCARLOTTA), SUGRASIXTEEN (SABLE SEEDLESS), IFG TWENTYONE (CANDY SNAPS), IFG TWENTY-TWO (CANDY DREAMS)
- 1 packing areas
- Storage areas for chemicals and fertilizers
- Support areas such maintenance workshops
- Administrative areas

2- DON ERNESTO is a grape, avocado and asparagus farm with a total area of 850 hectares, of which 750 hectares are in production. It located is in Santiago, Ica Region, Peru approximately 35 km from the city of ICA.

The site has the following general infrastructure for its production processes (The estimated annual production of the farm for export is confidential):

- 1 sectors of grape plantation (SUGRATHIRTYFIVE (AUTUMN CRISP), IFG TEN (SWEET GLOBE), SUGRANINETEEN (SCARLOTTA), SUGRASIXTEEN (SABLE SEEDLESS), IFG TWENTYONE (CANDY SNAPS), IFG TWENTY-TWO (CANDY DREAMS)
- 1 sector of grape plantation (SUGRATHIRTEEN (MIDNIGHT BEAUTY), SUGRATHIRTYFIVE (AUTUMN CRISP), IFG TEN (SWEET GLOBE), SUGRANINETEEN (SCARLOTTA), SUGRASIXTEEN (SABLE SEEDLESS)),
- 1 sector of avocado plantation (HASS, ZUTANO, FUERTE)
- 1 sector of asparagus plantation (UC-157 - F1)
- Storage areas for chemicals and fertilizers
- Support areas such maintenance workshops
- Administrative areas

Ica Region basins and aquifer description

The integrated catchment of the Ica River is one of the most crucial water resources for Peru's economy, supporting a regional economy that contributes more than 3% of national GDP and 7% of total exports. The integrated catchment of the Ica River spans over 7,889km², formed of the natural basin of the Ica River, the Pacific coast and the upper catchment area of the Pampas River (Choclococha system) in the Atlantic basin. It is in southwestern Peru, between the departments of Huancavelica (upper and mid-catchment area) and Ica (lower catchment area). It covers 25 municipal districts, 11 of which belong to the department of Huancavelica and 14 to the department of Ica, which means the catchment is under the territorial control of two different departments.

The audit was conducted onsite from 04-09-2023 to 08-09-2023 (4.5 MD).

The onsite site visit included the assessment of both farms (DONA JULIA and DON ERNESTO) in which has been visited the following infrastructure: water extraction well, water storage area, product packing area, grape, avocado and asparagus plantation, wastewater treatment system (septic tank),

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water transporting facilities, IWRA, interviews with stakeholder and employees and AWS responsible meetings to identify documents submitted as evidence.

FINDINGS

NUMBER OF FINDINGS PER LEVEL

Observation	2
Major	7

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FINDING DETAILS

Finding No: TNR-005843
Checklist Item No: 1.3.3
Status: Closed
Finding level: Major
Due date: 2024-Jan-01
Checklist item: 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.

Findings: - As the organization has identified a water challenge related to water scarcity and hydric stress (All year), the site has not quantified an indication of annual high and low variances
- Water storage in soil for DONA JULIA and DON ERNESTO is not analyzed
- Bibliographic reference for water content in fruit is not presented
This finding is a repetition of the NC of SV 2 from 2022

Corrective action: The Water Balance was completed with the auditor's notes, quantifying variations in high and low seasons.

Finding No: TNR-005844
Checklist Item No: 1.5.1
Status: Open
Finding level: Observation
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: The organization should further analyse catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help to understand and prioritize the possible opportunities for water stewardship collective action.

Corrective action: Catchment plans, water related public policies, major publicly-led initiatives under way, and relevant goals to help to understand and prioritize the possible opportunities for water stewardship collective action will be revised and analyse

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Finding No:	TNR-005845
Checklist Item No:	1.5.5
Status:	Closed
Finding level:	Major
Due date:	2024-Jan-01
Checklist item:	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.
Findings:	AGRICOLA CHAPI has presented “Estado IWRA’s Cuenca” document. The document does not include any threats to people or the natural environment, using scientific information and through stakeholder engagement. This finding is a repetition of the NC of SV 2 from 2022.
Corrective action:	The table was completed with the auditor’s notes and recommendations
Finding No:	TNR-005846
Checklist Item No:	3.7.1
Status:	Closed
Finding level:	Major
Due date:	2024-Jan-01
Checklist item:	Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.
Findings:	AGRICOLA CHAPI has not included an indirect water use target in their WSP.
Corrective action:	An attempt was made to establish an indirect water use objective in the WSP, however the third party provider does not have a meter. The municipality of Santiago maintains the area where they are operating in a flat rate regime for water consumption because they do not have resources for the installation of meters. An inspection was carried out and a document was signed that includes an action plan that contemplates various commitments to be fulfilled by the supplier.

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Finding No: TNR-005847
Checklist Item No: 3.7.2
Status: Closed
Finding level: Major
Due date: 2024-Jan-01
Checklist item: Evidence of engagement with suppliers and service providers, as well as, when applicable, actions they have taken in the catchment as a result of the site's engagement related to indirect water use, shall be identified.
Findings: AGRICOLA CHAPI has no evidence of engagement with suppliers and service providers, also, the site has not identified actions they have taken in the catchment as a result of the site's engagement related to indirect water use.
Corrective action: Incorporate the mention of better water management in the agreement with suppliers. Identify actions for sustainable water management at suppliers.

Finding No: TNR-005848
Checklist Item No: 3.8.1
Status: Closed
Finding level: Major
Due date: 2024-Jan-01
Checklist item: Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.
Findings: AGRICOLA CHAPI has not identified the proofs of participation and the key messages transmitted with confirmation of receipt with shared infrastructure owners.
Corrective action: Coordinations with JUASVI are attached for all the work carried out with them for the good management of the aquifer. With Agrokasa, there is communication through MARSH insurance, which will be specified in a detailed plan when the results of the study come out.

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Finding No: TNR-005850
Checklist Item No: 4.1.3
Status: Open
Finding level: Observation
Checklist item: The shared value benefits in the catchment shall be identified and where applicable, quantified.
Findings: The organization could analyse the value-added to the basin of each AWS-related objective focused on financial results, enhancement of natural capital and ecosystem services, or improvement of the long-term water security of the basin in addition to risk reduction.
Corrective action: The analysis of the added value to the basin of each objective related to AWS will be taken into account focused on financial results, improvement of natural capital and ecosystem services, or improvement of the long-term water security of the basin, in addition to the reduction of risks.

Finding No: TNR-005851
Checklist Item No: 5.2.1
Status: Closed
Finding level: Major
Due date: 2024-Jan-01
Checklist item: The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.
Findings: According to the stakeholder meetings (4 or 4 interviewed stakeholders), AGRICOLA CHAPI Water Stewardship Plan has not been communicated to them.
Corrective action: Chapi’s Water Management Plan was sent to stakeholders and it will be managed in a more active and effective way to ask for feedback and seek for joint efforts with other stakeholders.

Finding No: TNR-005852
Checklist Item No: 5.3.1
Status: Closed
Finding level: Major
Due date: 2024-Jan-01
Checklist item: A summary of the site’s water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.
Findings: AGRICOLA CHAPI has not communicated 2021’s summary of the site’s water stewardship performance, including quantified performance against targets
This finding is a repetition of the NC of SV 2 from 2022
Corrective action: The dashboard was disseminated, and the management plan including performance against objectives was shared with stakeholders.

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Report Details

Report	Value
Report prepared by	Juan Carlos Cerón Vinuesa
Report approved by	Lurdes Guerra
Report approved on (Date)	26 September 2023

Surveillance

Proposed date for next audit
2024-Sep-02

Comment The recertification audit was carried out according to the audit plan, the opening meeting of the event was held with staff from the organization in which the guidelines of the process were indicated, the closing meeting was held with staff from the organization in which the findings and next steps were communicated. Throughout the process, the auditor team complied with health and safety and food safety issues. At the end of the process, the audit objectives were satisfactorily met. The visit is made to 2 farms of AGRICOLA CHAPI (DONA JULIA y DON ERNESTO farms)
It is recommended that for Surveillance 1 the same farms be visited

Stakeholder Announcements

Date of publication	Location
15/07/2023	https://watersas.org/stakeholder-announcements/
15/07/2023	https://a4ws.org/certification/stakeholder-announcements/
Comment	<p>AGRICOLA CHAPI has published his Stakeholder Announcement through:</p> <ul style="list-style-type: none"> - Web page publishing / AGRARIA.PE Portal (Agrarian News Agency) / Date: 02-08-2023 / With information on the recertification of AWS by WSAS / Link: https://agraria.pe/noticias/agricola-chapi-participa-de-la-recertificacion-en-gestion-hi-32710 - Web page publishing / AGAP (Association of agricultural producer unions of Peru) / Date: 08-02-2023 / With information on the recertification of AWS by WSAS / Link: https://agapperu.org/agricola-chapi-viene-participando-de-la-recertificacion-en-gestion-hidrica-sostenible-alliance-for-water-stewardship-standard-aws/ - LinkedIn publishing / Date: 08-02-2023 / With information on the recertification of AWS by WSAS / Link https://www.linkedin.com/search/results/content/?heroEntityKey=urn%3Ali%3Aorganization%3A11744763&keywords=agr%3ADcola%20chapi&page=3&position=0&searchId=ebeeb940-bf6e-4ec7-8739-630fcd2385f9&sid=_lw&update=urn%3Ali%3Afs_updateV2%3A(urn%3Ali%3Aactivity%3A7087809936440659968%2CBLENDDED_SEARCH_FEED%2CEMPTY%2CDEFAULT%2Cfalse) - Mail of 20-07-2023 to interested Parties (Internal and External) with the public announcement of the recertification audit

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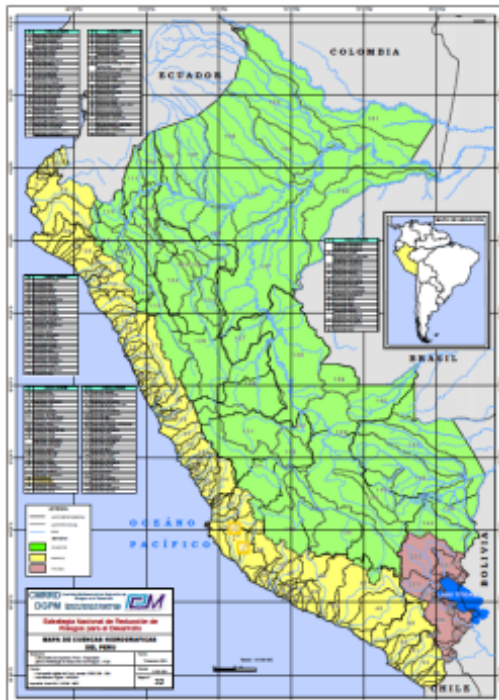
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Catchment Information

Catchment Information

Ica is a region that presents a series of water challenges while being a hub of development. The integrated catchment of the Ica river is one of the most crucial water resources for Peru's economy, supporting a regional economy that contributes more than 3% of national GDP and 7% of total exports. The integrated catchment of the Ica river spans over 7,889km², formed of the natural basin of the Ica river, the Pacific coast and the upper catchment area of the Pampas river (Choclococha system) in the Atlantic basin. It is located in southwestern Peru, between the departments of Huancavelica (upper and mid-catchment area) and Ica (lower catchment area). It covers 25 municipal districts, 11 of which belong to the department of Huancavelica and 14 to the department of Ica, which means the catchment is under the territorial control of two different departments



CHAPI_catchmentf.PNG

Comment DONA Julia Farm is located in Rio Seco Basin, DON ERNESTO Farm is located un Rio ICA Basin. However, both farms shared ICA aquifer..

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Client Description and Site Details

Client/Site Background

“Agrícola Chapi, for all its 23 years, has made significant efforts to achieve a sustainable vision for the company. Water in Ica is a strategic element that requires a special approach focused on sustainable management. We recognize that there is water stress in Ica and along the Peruvian coast in general.

Sustainable management requires that all players unite, come together, and manage water adequately. As private companies, we must help those people who the state has left behind, and has not been able, for whatever reason – lack of growth, lack of industry – to give them access to water. We feel we have this obligation as Peruvians. It’s important to have a seat at the table, to talk things through, and find solutions.”

During the implementation of the Standard, Chapi was able to collect detailed information on the water and sanitation challenges facing the population, and the catchment in general. This was already a key issue for the company’s CEO, Augusto Baertl, who was motivated to inspire water stewardship leadership and collective action to address common water challenges for the benefit of all, concepts fully in line with the AWS spirit and Standard. In 2022, Chapi employed More than 15000 people across Peru (directly and indirectly). During the pandemic, agriculture was considered an essential activity by the Government of Peru and Chapi continued to produce food and generate work. Chapi also worked with the government on measures to combat COVID-19, while keeping its efforts to implement the AWS Standard a main priority. Chapi implemented the AWS Standard across its two Ica sites, ‘Doña Julia’ (250 ha) and ‘Don Ernesto’ (850 ha), including its packaging plant.



CHAPI_site.PNG

Comment AGRICOLA CHAPI is a multisite composed by two farms: ‘Doña Julia’ (250 ha) and ‘Don Ernesto’ (850 ha)

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Summary of Shared Water Challenges

Summary of Shared Water Challenges

AGRICOLA CHAPI has identified with its stakeholders their shared water challenges. Water challenges which are under discussion with stakeholders are the following:

- 1 Drop in the aquifer water level.
- 2 Lack of access to drinking water and sanitation in the community
- 3 Pollution of the river and bodies of water
- 4 Loss of forests and native vegetation due to the pressure of human activity
- 5 Existence of informal wells
- 6 Increased salinity in groundwater.
- 7 Decreased aquifer water quality
- 8 Poor water infrastructure

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

0.1.1 Eligibility Criteria

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


Yes

Comment 'Doña Julia' (250 ha) and 'Don Ernesto' (850 ha)
They are not in the same catchment; however, is the same aquifer

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


Yes

Comment AGRICOLA CHAPI has stated its operational control in two sites: DONA JULIA and DON ERNESTO which operates under a single management system controlled by the Water Committee (General Manager, Finance Mager, Operations Management, Corporate Affairs Management (Sustainability), Unit Manager)
The implementation of the standard indicators is carried out by the Head of Sustainable Development with the participation of those responsible for the areas in each farm. Results are reported biweekly to the Water Committee

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


Yes

Comment AGRICOLA CHAPI has stated its operational control in two sites:
- DONA JULIA farm is dedicated to the cultivation and packaging of GRAPE (SUGRATHIRTYFIVE (AUTUMN CRISP), IFG TEN (SWEET GLOBE), SUGRANINETEEN (SCARLOTTA), SUGRASIXTEEN (SABLE SEEDLESS), IFG TWENTYONE (CANDY SNAPS), IFG TWENTY-TWO (CANDY DREAMS)). Water management, product range, and the main market structures are homogeneous.
- DON ERNESTO farm is dedicated to the cultivation and packaging of GRAPE (SUGRATHIRTEEN (MIGNIGHT BEAUTY), SUGRATHIRTYFIVE (AUTUMN CRISP), IFG TEN (SWEET GLOBE), SUGRANINETEEN (SCARLOTTA), SUGRASIXTEEN (SABLE SEEDLESS)), AVOCADO (HASS, ZUTANO, FUERTE) and ASPARAGUS (UC-157 - F1). Water management, product range, and the main market structures are homogeneous.

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0.2 Requirements for Multisite Operations	
0.2.1	<i>Multisite Management Requirements</i>
0.2.1.1	<i>The Multisite operation shall nominate an "AWS Group Representative".</i> ✔ Yes
Comment	AGRICOLA CHAPI has defined a memo in August 2021, in which Mr Tirco Rojas (Head of Sustainable Development) is the person in charge of the AWS Certification for the multisite certification (Doc 0 2 1 1 a)
0.2.1.2	<i>The name and location of each site within the proposed scope for certification of the Multisite operation shall be clearly defined.</i> ✔ Yes
Comment	AGRICOLA CHAPI has defined a memo in August 2021, in which two farms have been identified (Doc 0 2 1 2 a) Site 1: Fundo Don Ernesto, located in the Pampa Castillos farmhouse sector 5 stones, Panamericana Sur Highway NRO. KM INT. 320 CASABLANCA, district of Santiago, province, and department of Ica. Site 2: Fundo Doña Julia, located at Carretera Panamericana Sur Km 283, district of Salas, province, and department of Ica.
0.2.1.3	<i>Where a new site has been added to the multisite certificate, an onsite audit of the site was conducted prior to it being added to the certificate register.</i> ⬇ N/A
Comment	No New sites have been added to the multisite certificate in 2022 or 2023.
0.2.1.4	<i>All AWS claims made by the client are managed through the "AWS Group Representative".</i> ✔ Yes
Comment	AGRICOLA CHAPI has defined a memo in August 2021, in which Mr Tirco Rojas (Head of Sustainable Development) is the person in charge of the AWS Certification for the multisite certification and has stated a procedure (GH-P-16 - Doc 0 2 1 4 a) in which the method of treatment of external and external claims is established.

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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 AGRICOLA CHAPI has presented:
- Related Basins (Doc 1 1 1) and Location of the farms in the water basins of Peru

For DON ERNESTO
General Map (Doc 1 1 1 - 2 e)
- Site boundaries (Doc 1 1 1 - 1 c)
- Related Basin (Doc 1 1 1 - 1 a) / Rio ICA Water Basin
Map of the ICA Water Basin
- Water-related infrastructure, including infrastructure on site (Doc 1 1 1 - 1 d):
Underground water collection wells (20 for irrigation), pipelines and 3 water reservoir (12500 m³ + 7000 m³ + 1000 m³)
- Process wastewater discharges: Not applicable (the organization does not own effluent discharges)
- Wastewater Infrastructure: Septic tanks (Doc 1 1 1 - 2e)
- Catchment that the site affect (Doc 1 1 1 - 1 a 2):
All the water is extracted from underground wells of the ICA aquifer.




For DONA JULIA
General Map (Doc 1 1 1 - 1 e)
- Site boundaries (Doc 1 1 1 - 2 c)
- Related Basin (Doc 1 1 1 - 2 a and Doc 1 1 1 - 2 b) / Rio Seco Water Basin
General map of the Local Water Administration (ALA rio Seco)
Map of the ICA River Aquifer - Villacuri and Pampas de Lanchas
- Water-related infrastructure, including infrastructure on site (Doc 1 1 1 - 2d):
Underground water collection wells (5 for irrigation), pipelines and 2 water reservoir (7000 m³ + 6000m³)
- Process wastewater discharges: Not applicable (the organization does not own effluent discharges)
- Wastewater Infrastructure: Septic tanks in the required places with on-site treatment (Doc 1 1 1 - 1e)
- Catchment that the site affect (Doc 1 1 1 - 2 c):
All the water is extracted from underground wells of the ICA aquifer.

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"> - <i>Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;</i> - <i>Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;</i> - <i>Provide evidence of stakeholder consultation on water-related interests and challenges;</i> - <i>Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;</i> - <i>Identify the degree of stakeholder engagement based on their level of interest and influence.</i> 	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - Stakeholder matrix DJ DOE (Doc 1 2 1 a) <p>The Site has identified a list of stakeholders that includes 56 stakeholders; Categorized into areas of: Interest groups, companies in the sector, state agency, municipality, irrigation board, NGO, Clients, others</p> <p>The Site describes the roles of the different stakeholders, the relationship between the site and the stakeholders.</p> <p>The site has identified stakeholders by considering the physical scope and the site's ultimate water source.</p> <p>The site has identified shared water challenges and the level of influence.</p> <p>The site has provided evidence of stakeholder consultation on water-related interests and challenges:</p> <p>Sample:</p> <ul style="list-style-type: none"> - 1 2 1 a / Consultation with employees on issues of access to water and sanitation on 08-17-2021 is verified. - 1 2 1 b / The stakeholder consultation workshop is verified through a meeting on 02-15-2023. 	
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>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - Stakeholder matrix DJ (Doc 1 2 2 - 1) - Stakeholder matrix DOE (Doc 1 2 2 - 2) <p>The Site has established the degree of influence of the stakeholders through an analysis of influence and interest (Influence and Engagement Matrix) as well as an analysis of influence on the site and interest (Influence and Power Matrix).</p> <p>For DON ERNESTO principal stakeholders are JURLASCH / EMPRESAS VECINAS / JUASVI / COMITÉ SUR / ALA-ICA / MINAGRI / MINAM / CODEHICA / SWEDWATCH / ACCIONISTAS.</p> <p>For DONA JULIA principal stakeholders are JUNTA RIO SECO / COMITÉ SUR / ALA-ICA / MINAGRI / MINAM / CODEHICA / SWEDWATCH / ACCIONISTAS / EMPRESAS VECINAS.</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 AGRICOLA CHAPI has presented:
 - ACH-SEG-005 Plan de Contingencia Desastres Naturales DJ (Doc 1 3 1 a)
 - DOE P-ACH-SEG-004 Plan de Contingencia Desastres Naturales (Doc 1 3 1 b)
 - SP-PLN-001 - PLAN DE EMERGENCIA Y CONTINGENCIA (Doc 1 3 1 c)


Incident Response Plans have been identified for both farms (Doc 1 3 1 - a to m)
 Potential incidents have been identified as:
 - Installation and equipment fire (pumping system).
 - Landslide (Huayco) / For Rio Seco (DONA JULIA) and Cauce del YAUCA (DON ERNESTO).
 - Earthquake (pumping and water transport system).
 - Contamination of water bodies by chemical contamination (hydrocarbon and chemicals spills in water body).
 - Biological terrorism - Related to raw material contamination (water).
 - Water shortage.
 - Flood.
 - Contamination of water body or water source / Contamination can be in the form of dangerous chemicals, bacteria, viruses, parasites, or heavy metals.

1.3.2 *Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped* 
Yes

Comment AGRICOLA CHAPI has presented:
 - Balance Hídrico (Doc 1 3 2)

For DONA JULIA includes:
 Inputs: precipitation + irrigation water
 Outputs: evapotranspiration + Deep water percolation + water in production (fruits) + waste water treatment (outside)
 Storage: Storage of water in the soil + Storage of water in hydraulic structures (Reservoir)
 Data acquisition period: daily. The site has water sensors and telematic monitoring,. Data is verified for 2022.

For DON ERNESTO includes:
 Inputs: precipitation + irrigation water
 Outputs: evapotranspiration + Deep water percolation + water in production (fruits) + waste water treatment (outside)
 Storage: Storage of water in the soil + Storage of water in hydraulic structures (Reservoir)
 Data acquisition period: daily. The site has water sensors and telematic monitoring,. Data is verified for 2022.

1.3.3 *Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.* 
No

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Comment AGRICOLA CHAPI has presented:
- Calculo del Balance Hidrico DOE (Doc 1 3 3 a)
- Balance Hidrico (Doc 1 3 3 b)

For DONA JULIA includes:
Inputs: precipitation + irrigation water
Outputs: evapotranspiration + Deep water percolation + water in production (fruits) + waste water treatment (outside)
Storage: Storage of water in the soil + Storage of water in hydraulic structures (Reservoir)
Data acquisition period: daily. The site has water sensors and telematic monitoring. Data is verified for 2022.

Calculation Period 2022

Inflows

- Rainfall: 4,0 mm / total farm area: 120 / TOTAL: 4800 m3 / OK
- Irrigation water: 1468591 m3 / Measurement made by flowmeter / OK
- Well water for reservoir: 7000 m3 + 6000m3)

Outflows

- Evapotranspiration: 1536 m3 / Evaporation reading from meteorological station
- Evapotranspiration in the cultivation area: 1446888 m3 / Evaporation reading from meteorological station
- Water output through drains: 0
- Infiltration: 8840 m3
- Water in fruit: 3137 m3 / Grape Water content: 80%

Storage

- Reservoir: YES
- Soil: not analyzed

For DON ERNESTO includes:

Inputs: precipitation + irrigation water

Outputs: evapotranspiration + Deep water percolation + water in production (fruits) + wastewater treatment (outside)

Storage: Storage of water in the soil + Storage of water in hydraulic structures (Reservoir)

Data acquisition period: daily. The site has water sensors and telematic monitoring. Data is verified for 2022

Inflows

- Rainfall: 4,5 mm / total farm area: 610 / TOTAL: 27450 m3 / OK
- Irrigation water: 8487719 m3 / Measurement made by flowmeter / OK
- Well water for reservoir: 12500 m3 + 7000 m3 + 1000 m3

Outflows

- Evapotranspiration: 1426 m3 / Evaporation reading from meteorological station
- Evapotranspiration in the cultivation area: 8402843 m3 / Evaporation reading from meteorological station
- Water output through drains: 0
- Infiltration: 85152 m3
- Water in fruit: 10765 m3 / Grape Water content: 80% - Avocado Water content: 73,2% - Asparagus Water content: 90%

Storage

- Reservoir: YES
- Soil: not analyzed

The organization has identified a challenge related to water scarcity and hydric stress (All year)

However, the site has not quantified an indication of annual high and low variances.

Finding No: TNR-005843

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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 AGRICOLA CHAPI Water Quality Monitoring Plan applies to:
- Drinking water for drinking water / Annual / Sample for drinking water / Required by MINSA DS 031-2010-SA Quality of water for human consumption
- Irrigation water / Annual / Required by Legislación D.S. N° 004-2017 -MINAM (ECA 3) Water quality criteria for agricultural use

For all the Water Quality Parameters the local legal requirements are applied. Sampled are collected annually by an external laboratory accredited for water analysis for the local Accreditation Organism (INACAL).
The organization has presented their analysis for both farms.

Sample of water quality analysis in 2022:

- DON ERNESTO
Irrigation water / Date: 31-10-2022 / CERPER / ACREDITED INACAL
Analysis: INFORME DE ENSAYO N° 1-13153/22
Physiochemical and microbiological analysis / Accomplished with all parameters

Potable drinking water / Date: 12-06-2022 / AGQ LABS / ACEDITED IAS
Analysis: A-PR-0025 (Anexo I)
Physiochemical and microbiological analysis / Accomplished with all parameters

- DONA JULIA
Irrigation water / Date: 09-09-2022 / AGQ LABS / ACREDITED INACAL
Analysis: A-22/100436
Physiochemical and microbiological analysis / Accomplished with all parameters

Potable drinking water / Date: 12-06-2022 / AGQ LABS / ACEDITED IAS
Analysis: A-PR-0025 (Anexo I)
Physiochemical and microbiological analysis / Accomplished with all parameters

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

Comment AGRICOLA CHAPI has presented:
- PROTOCOLO DE CONTROL DE DERRAMES (Doc 1 3 5 a)
- MAPA DOE 2022 (Doc 1 3 5 - 1)
- MAPA DJ 2022 (Doc 1 3 5 - 2)

AGRICOLA CHAPI has identified potential sources pollution based in:
a) Hazards given in their Safety Data Sheets (MSDS)
b) Maps of potential sources pollution for each farm

For both farms (DON ERNESTO y DONA JULIA) potential sources pollution are Fertilizer Warehouse, Pesticide Warehouse, Risk Room, Hygienic Services (fixed and mobile), dining room, fuel storage, septic tank, maintenance area, oil storage

During the visit to the site, the important H&S measures, which are rigorously implemented, could be observed and there are no reports of accidents. In the chemical and agrochemical storage areas the MSDS are stored and the responsible was trained to comply with local regulations. Hazardous Waste and waste storage areas are identified with risk signals to comply with local regulations. Diesel storage tanks were identified with risk signals, there is a secondary containment bucket to avoid potential spills into bodies of water.
During the visit to the key areas, the audit team was required to wear safety equipment and always was accompanied by staff.

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- 1.3.6** *On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.* ✔
Yes
- Comment AGRICOLA CHAPI has presented:
- Croquis Nativas DJ AWS (Doc 1 3 6 - 1)
- Croquis Nativas DOE AWS (Doc 1 3 6 - 2)
- AGRICOLA CHAPI has identified 5 IWRA for DONA JULIA and 7 IWRA dor DON ERNESTO, all IWRA are vegetation and forestry areas conserved by AGRICOLA CHAPI
In each IWRA there are a description of the state and the indigenous cultural values (none of them has an indigenous cultural values)
- 1.3.7** *Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.* ✔
Yes
- Comment AGRICOLA CHAPI has presented:
- Costo Recursos Hídricos (Doc 1 3 7 - 1)
- Valores Agregados de AWS (Doc 1 3 7 - 2)
- For economic cost the following criteria is analyzed:
1. Electricity payment
2. Equipment investment
3 Wages
4 Combustibles
5 Consultancy
6 Chemicals
7 Microbiological analysis
8 Maintenance
- For water-related value generated the following analysis is presented
Social
- Water for the community
- Donation of water in emergency cases
- Technical irrigation of schools
- Support with the installation and maintenance of the school's irrigation system for orchard and forest projects.
- Native plants for the community Donation of native plants for public parks, schools, and others.
- Environmental
- Ecosystem services Forest
- Ecosystem services provided by the forest and green areas with native plants in Chapi farms: pollination, air, water, CO2 capture
- Economic / Not applicable
Cultural / Not applicable
- 1.3.8** *Levels of access and adequacy of WASH at the site shall be identified.* ✔
Yes

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Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - MAPA DOE 2022 (Doc 1 3 8 - 1) - MAPA DOE 2022 (Doc 1 3 8 - 2) - Instalaciones Sanitarias FDJ FDE (Doc 1 3 8 a) <p>AGRICOLA CHAPI has identified WASH infrastructure for both sites, the infrastructure (sanitary equipment and water access) are according to local legislation The levels of access and the suitability of the water have been identified by ensuring access to drinking water through the purification of internal water and its water quality analysis based on local regulations.</p>	
1.4	<p><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></p>	
1.4.1	<p><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></p>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - Procedencia insumos (Doc 1 4 1) <p>The Site has identified that its primary inputs; considering that their primary inputs do not come from the same catchment. The country of origin is included in the compendium of raw materials and chemical products.</p>	
1.4.2	<p><i>The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.</i></p>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - Proveedores terceros AWS (Doc 1 4 2 a) - Comunicado a Proveedores (Doc 1 4 2 b) - Informacion proveedores terceros RRHH (Doc 1 4 2 c) <p>AGRICOLA CHAPI has identified two suppliers in the area: personnel and final product transportation and food service.</p> <p>The Site has quantified the volume of water used by its service providers and the actions for water reductions.</p>	
1.5	<p><i>Gather water-related data for the catchment, including water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH</i></p>	
1.5.1	<p><i>Water governance initiatives shall be identified, including catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help inform site of possible opportunities for water stewardship collective action.</i></p>	 Obs.

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Comment AGRICOLA CHAPI has presented:
- Proyectos Cuenca (Doc 1 5 1 a)
- Information of projects (Zip 1 5 1 b)

The Site has identified the Water governance initiatives and has made a summary including the objectives of these initiatives

In addition, the AGRICOLA CHAPI is part of the JUASVI and JUSH, in which different actors interact and make decisions on the "Rio ICA" and "Rio Seco" rivers.

Decisions on new projects have been taken on the basis of ONGs in which AGRICOLA CHAPI participates as collaborator.

During the stakeholder interviews there was evidence of active stakeholder participation.

The Site has identify relevant goals to seek for opportunities for water stewardship collective action.

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



Yes

Comment AGRICOLA CHAPI has presented:
- Normas y leyes AWS VF (Doc 1 5 2 a)
- LISTADO DE LICENCIAS DOE (Doc 1 5 2 - 1 a)
- LISTADO DE LICENCIAS DJ (Doc 1 5 2 - 2 a)

The Site has identified applicable water-related legal and regulatory compliance instruments.

For DON ERNESTO, the site has presented 22 water well authorizations granted by the environmental water authority (ANA)

For DONA JULIA, the site has presented 5 water well authorizations granted by the environmental water authority (ANA).

During the interview with stakeholders it was possible to confirm the adequate compliance of the companies that make up the group.

1.5.3 *The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.*



Yes

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Comment AGRICOLA CHAPI has presented:
- ESTUDIO DEL ACUIFERO ICA VILLACURI 2017 ANA (Doc 1 5 3 a)
- DATOS DE LA CUENCA DE VILLACURI. EQUILIBRIO HÍDRICO (Doc 1 5 3 b)

The Site has used the official technical study for the calculation of the aquifer and an private study for the calculation of the catchment water balance, which has been performed by ANA (Water Authority)

ICA AQUIFER

The study area is located in the Ica river valley and includes the middle and lower part of the basin of the same name, to the north from Santiago de Chocorvos from Trapiche to the La Banda sector, to the south it includes the La Tinguiña pampas and Los Castillos and to the west, the Guadalupe pampas, Cerro Blanco and the Los Médanos pampas.

Politically, it includes the districts of San José de los Molinos, Salas, La Tinguiña, Parcona, San Juan Bautista, Pueblo Nuevo Ica, Tate, Subtanjalla, Los Aquijes, Pachacutec, Santiago, Ocucaje, and Yauca del Rosario.

The study includes the analysis of the physical and technical situation of the wells as well as the quantification of the volume of water that is exploited from the aquifer.

As a result of the study and the different monitoring carried out in the aquifer from 2000 to the present, it is determined by zones decreases in static levels

It is concluded that the intense exploitation to which the aquifer is subjected has caused

- 1) the deterioration of its quality (mineralizing in certain sectors).
- 2) the drops in water levels in almost the entire aquifer, varying between 0.35 m and 1.15 m (well IRHS -140- Pueblo Nuevo, 1.14 m (well IRHS -52) in La Tinguiña, 0.68 m (well IRHS-14) in San Juan Bautista.

VILLACURI BASIN

Annual balances are not current or usual in the Villacurí-Lanchas aquifer, because it is complex to do them in a basin in which the inputs, outputs, and storage come from and are in the subsoil. Little to no rainfall and no surface water source

On the other hand, all the water inputs and outputs to the Pampas de Villacurí are underground, therefore it is very difficult to establish annual and seasonal variances. The entry of the strongest subterranean flow occurs through the geological fault to the south east of the aquifer, this income provided by the Ica River occurs in the summer months. The ANA study provides this information on the seasonal recharge of the Villacurí aquifer through the Ica river.

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 AGRICOLA CHAPI has presented:
- Calidad del Agua (Doc 1 5 4)

The Site has provided a document with the identification of the water quality in Rio ICA basin, Rio SECO basin and ICA aquifer: IWRAs in the basin.

For RIO ICA basin: According to Technical Report No. 012-2021-ANA-AAA.CHCH-AT/MMMC Approval Report of the results of the eleventh Participatory Monitoring of Surface Water Quality in the Ica River Basin, regarding the state of the quality of the natural bodies of surface water in the area of the Ica river basin, from the parameters evaluated, it is determined that:

* In the monitoring of the surface water quality of the Ica river basin, sampling was carried out at eight (08) monitoring points.

* At the RSant1 code monitoring point (Santiago River) there is a violation of the Environmental Quality standards in terms of the physicochemical parameters of Aluminium, Arsenic and Iron, in terms of the thermotolerant coliform microbiological parameters, these are outside the standard, which according to the information is not associated with any type of source of contamination close to the Ica River Basin.

* At the CChoc1 monitoring point, it exceeds the ECA in the Ph parameter, and cannot be associated with any type of contamination source close to the monitoring, taking into account the possibility of mineralization in the area.

* Regarding the RIca4 point, it exceeds the ECA in the Thermotolerant Coliforms and Escherichia coli parameters, possibly from the Domestic Wastewater Treatment Plant of the company EMAPICA S.A., which must carry out control and surveillance actions of the quality of the resource .

For RIO SECO basin: The area does not have surface water resources, for this reason there is no information on water quality monitoring.

The banks are littered with garbage.

The last time the area had water was in 2017 due to the intense rains that cause mudslides which flow through said area.

For ICA AQUIFER: Levels and salinity are monitored. We have an Isoconductivity map that is prepared in conjunction with JUASVI

Within the farms, irrigation water is analysed annually according to the parameters established in the Environmental Water Quality Standard Category 3 D1.

1.5.5 *Important Water-Related Areas shall be identified, and where appropriate, mapped, and their status assessed including any threats to people or the natural environment, using scientific information and through stakeholder engagement.*

 No

Comment AGRICOLA CHAPI has presented:
- Estado IWRAs Cuenca (Doc 1 5 5)

The Site has provided a document with the identification of the IWRA in ICA Region including a map for each IWRA, also, the document includes the status of the identified IWRAs.

Finding No: TNR-005845

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

 Yes

Comment AGRICOLA CHAPI has presented:
- Consulta banco de proyectos agua Ica (Doc 1 5 6 a)
- Infraestructura Hídrica Cuenca (Doc 1 5 6 b)





The Site has identified the planned water infrastructure, which are the planned projects designed by the MEF (Economy and Finance Ministry) to be executed in the next years in ICA region

For the existing infrastructure, the site, has identified 13 infrastructure with the description of the state of the current water infrastructure : Operative or in maintenance. The Site has carried out research related to water infrastructure and public sector initiatives with justified priority as a result JUASVI and JUSH was found to be the key participant of the infrastructure.

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1.5.7	<i>The adequacy of available WASH services within the catchment shall be identified.</i>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - AWS AGUA Y DESAGUE (Doc 1 5 7) <p>The site has identified the 2017 national census study for topics related to Sanitation in the ICA region. The parameters are analysed:</p> <ul style="list-style-type: none"> - Water supply. - Water service. - Hygienic housing services. 	
1.6	<i>Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.</i>	
1.6.1	<i>Shared water challenges shall be identified and prioritized from the information gathered.</i>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - PROYECTOS DESAFIOS CUENCA (Doc 1 6 1) <p>Shared Water Challenges has been identified and prioritized:</p> <ol style="list-style-type: none"> 1 Drop in the aquifer water level. 2 Lack of access to drinking water and sanitation in the community. 3 Pollution of the river and bodies of water. 4 Loss of forests and native vegetation due to the pressure of human activity. 5 Existence of informal wells. 6 Increased salinity in groundwater. 7 Decreased aquifer water quality. 8 Poor water infrastructure. <p>The causes and reasons for relevance have been identified.</p>	
1.6.2	<i>Initiatives to address shared water challenges shall be identified.</i>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - PROYECTOS DESAFIOS CUENCA (Doc 1 6 2) <p>Shared Water Challenges plans have been identified for each challenge:</p> <p>Sample:</p> <ol style="list-style-type: none"> 1 Drop in the water table of the aquifer / Plan: Water storage & Supervision of illegal well drilling. 2 Lack of access to drinking water and sanitation in the community / Plan: Creation of a working group and actions to carry out works that help improve water availability. 3 Pollution of the river and bodies of water / Plan: Awareness in the efficient use of water to various organizations. 	
1.7	<i>Understand the site's water risks and opportunities: Assess and prioritize the water risks and opportunities affecting the site based upon the status of the site, existing risk management plans and/or the issues and future risk trends identified in 1.6.</i>	
1.7.1	<i>Water risks faced by the site shall be identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.</i>	 Yes

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Comment	<p>AGRICOLA CHAPI has presented: - PROYECTOS DESAFIOS CUENCA (Doc 1 7 1)</p> <p>The risk related to water has been defined and analysed for each Water Challenge The methodology analyses the risks that affect both farms. For each risk, its impact on the business and its probability is evaluated</p> <p>Sample: 1 Drop in the water table of the aquifer / Risk deplete groundwater (Physical) & Increased drilling of illegal wells (Normative). 2 Lack of access to drinking water and sanitation in the community / Risk: Pollution of water with elements harmful to health (Physical). 3 Pollution of the river and bodies of water / Risk: Pollution of water with elements harmful to health (Physical).</p>	
1.7.2	<p><i>Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.</i></p>	 Yes
Comment	<p>AGRICOLA CHAPI has presented: - PROYECTOS DESAFIOS CUENCA (Doc 1 7 2)</p> <p>The opportunities related to water has been defined and analysed for each Water Challenge The methodology analyses the opportunity that affect both farms. For each opportunity, its benefit on the business and its probability is evaluated</p> <p>Sample: 1 Drop in the water table of the aquifer / Opportunity: Take advantage of surplus surface water & Water Well regularization. 2 Lack of access to drinking water and sanitation in the community / Opportunity: Improving the quality of life. 3 Pollution of the river and bodies of water / Opportunity: Improving the quality of life.</p>	
1.8	<p><i>Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.</i></p>	
1.8.1	<p><i>Relevant catchment best practice for water governance shall be identified.</i></p>	 Yes
Comment	<p>AGRICOLA CHAPI has presented: - 11 8 Identificacion mejores practicas FDE FDJ (Doc 1 8)</p> <p>The site has established: 1.8.1. Best practices relevant to water governance in the basin will be identified. a) Prepare a solid Management Plan that reflects the efforts of the company for the best practices of sustainable water management. b) Make the sustainable management of the company's water transparent and public, through the disclosure of our Management Plan and a document that summarizes our annual management, including the extraction and consumption of water in a comparative way, in addition to other available channels. to our stakeholders. c) Participate in meetings and working groups where joint problems and challenges in water management are discussed with the aim of seeking solutions to said problems. d) Maintain the AWS certification for the continuous improvement of sustainable water management.</p>	
1.8.2	<p><i>Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.</i></p>	 Yes



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Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none">- 11 8 Identificacion mejores practicas FDE FDJ (Doc 1 8) <p>The site has established:</p> <p>1.8.2. Best practices for water balance in relevant sectors and/or basins will be identified (either through water efficiency or lower total water use)</p> <ul style="list-style-type: none">a) Use the best technology available such as: technical drip and micro-sprinkler irrigation, soil moisture measurement sensors, weather stations whose use is general in most agro-export companies. This achieves high efficiency in the use of water.b) A good practice is the replenishment or infiltration of water in other areas of the catchment area to partly compensate for the withdrawal of water by the site. Through the irrigation BOARDS, of which Chapi is a part, and directly, various aquifer recharge projects have been launched, such as the Golda Meir park, Aquijes pool, and Tallamana pool.c) Field practices that promote moisture retention in the soil will be used: application of mulch pruning crops, cover crops, incorporation of organic matter.	
1.8.3	<p><i>Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.</i></p>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none">- 11 8 Identificacion mejores practicas FDE FDJ (Doc 1 8) <p>The site has established:</p> <p>1.8.3. Best practices for water quality in the relevant sectors or basins will be identified, including justification of the data source.</p> <ul style="list-style-type: none">a) Collaborate with the Users Board in the mapping of salinity and physical-chemical characteristics of the basin.	
1.8.4	<p><i>Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.</i></p>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none">- 11 8 Identificacion mejores practicas FDE FDJ (Doc 1 8) <p>The site has established:</p> <p>1.8.4. Relevant catchment best practices for maintenance of Important Water Related Area sites will be identified.</p> <ul style="list-style-type: none">a) Sensitization of workers on the good management of water, solid waste and biodiversity.b) Through the irrigation BOARDS, of which Chapi is a part, and directly, various aquifer recharge projects have been launched, such as the Golda Meir park, Aquijes pool, Tallamana pool.c) Sensitization of the community through the school on issues of sustainability and care for the environment.	
1.8.5	<p><i>Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.</i></p>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none">- 11 8 Identificacion mejores practicas FDE FDJ (Doc 1 8) <p>The site has established:</p> <p>1.8.5. In an effort to cover the existing water and sanitation gaps in the community where we operate, we have implemented a drinking water improvement system in the home of one of our collaborators, installing an elevated tank to cover their water needs permanently.</p>	

Audit Number: AO-000701

2	STEP 2: COMMIT & PLAN - Commit to be a responsible water steward and develop a Water Stewardship Plan	
2.1	<i>Commit to water stewardship by having the senior-most manager in charge of water at the site, or if necessary, a suitable individual within the organization head office, sign and publicly disclose a commitment to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and the allocation of required resources.</i>	
2.1.1	<p><i>A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:</i></p> <ul style="list-style-type: none"> - <i>That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes</i> - <i>That the site implementation will be aligned to and in support of existing catchment sustainability plans</i> - <i>That the site's stakeholders will be engaged in an open and transparent way</i> - <i>That the site will allocate resources to implement the Standard.</i> 	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - Compromiso Agua_Chapi UBE 2 1 1 a <p>Declaration of commitment FINCA NUEVA ESPERANZA / Date: 04-29-2022 / Signed by Ursula Baertl – Legal Manager - AGRICOLA CHAPI / Complies with the requirements of the standard:</p> <ul style="list-style-type: none"> - That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes. - That the site implementation will be aligned to and in support of existing catchment sustainability plans. - That the site's stakeholders will be engaged in an open and transparent way. - That the site will allocate resources to implement the Standard. <p>Published:</p> <ul style="list-style-type: none"> - Web page communication (File 2 1 1 b) - LinkedIn communication (File 2 1 1 c) 	
2.2	<i>Develop and document a process to achieve and maintain legal and regulatory compliance.</i>	
2.2.1	<p><i>The system to maintain compliance obligations for water and wastewater management shall be identified, including:</i></p> <ul style="list-style-type: none"> - <i>Identification of responsible persons/positions within facility organizational structure</i> - <i>Process for submissions to regulatory agencies.</i> 	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - 2 2 1 Sistema cumplimiento <p>The Site has identified a responsible person: Water Committee (The Water Committee is conformed by the General, Administrative and Finance, Corporate Affairs and Operations departments).</p> <p>The Site has a system to maintain compliance obligations for water and wastewater management defined in document.</p> <p>The Site has developed a process for submissions to regulatory agencies defined in document for water well regulatory process.</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>	

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2.3.1 *A water stewardship strategy shall be identified that defines the overarching mission, vision, and goals of the organization towards good water stewardship in line with this AWS Standard.* ✔
Yes

Comment AGRICOLA CHAPI has presented:
 - MISIÓN Y VISIÓN AWS (Doc 2 3 1)

It is verified in the Strategic Analysis for AWS
 - Mission: Achieve the water sustainability of our operations and that of our environment with the utmost respect for nature and people.
 - Vision: Live in a world where water is accessible in quantity, quality and opportunity for everyone always.
 - Strategy: Water resources management.

Objectives
 GOVERNANCE
 ACHIEVE SUSTAINABLE WATER MANAGEMENT IN THE BASIN IN ALLIANCE WITH THE DIFFERENT STAKEHOLDERS OF INTEREST, DOING IT WITH RESPONSIBILITY AND TRANSPARENCY.

WATER BALANCE
 ACHIEVE THE WATER BALANCE OF THE SITE AND THE BASIN USING THE BEST PRACTICES AND TECHNOLOGY FOR THE GOOD MANAGEMENT OF THE RESOURCE

ADEQUATE WATER QUALITY
 MAINTAINING AND SUSTAINING SUBSTANTIALLY UNCHANGED THE ADEQUATE QUALITY OF THE WATER THAT INCLUDES OUR OPERATIONS.

PROTECTION OF IMPORTANT AREAS RELATED TO WATER
 PROMOTE THE CONSERVATION OF THE ENVIRONMENT AND THE SUSTAINABILITY OF ECOSYSTEMS, THROUGH ACTIONS AND RAISING AWARENESS IN THE COMMUNITY.

DRINKING WATER, SANITATION AND HYGIENE
 ENSURE THAT ALL COMPANY EMPLOYEES HAVE ACCESS TO QUALITY DRINKING WATER AND SANITATION IN OUR OPERATIONS, IN THE NECESSARY QUANTITY AND OPPORTUNITY, IN AN ADEQUATE AND PERMANENT MANNER, AND CONTRIBUTE TO REDUCE THE GAPS OF WATER AND SANITATION IN THE COMMUNITY.

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

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Comment AGRICOLA CHAPI has presented:
- PdG 2024 v.Aprobacion (Doc 2 3 2)

Agricola Chapi is in the process of finalizing its Water Management Plan for the period 2021 to 2023. This plan states: objective, progress, impact on the AWS standard, monitoring, evidence, evaluation, value, basin value.
For 2024 to 2027, Agricola Chapi has updated its objectives by presenting the structure: Objective, impact on the AWS standard, action, goal, monitoring, evidence, responsible, Cost, implementation period.

Sample of objectives for 2021 to 2023

Objectives 1:Execute aquifer recharge
Desired result: Water balance, Governance
Status 2023: 100%
Measurement: Water volumen
Monitoring: Water volumen report of volume of water entered into the recharge pool
Terms: annual (from January 1 to December 31)
Budget: valued in dollars
Positions of those responsible for the actions and the achievement of the objectives: Infrastructure Manager
Relate to each objective and the achievement of best practices: YES
Advance 2022: 76%
Evidence of objective FU: YES

Objectives 2: Publish in a transparent and public way the information on water management of the company
Desired result: Governance
Status 2023: 80%
Measurement: number of publications in social networks
Monitoring: Registration of publications in social networks
Terms: annual (from January 1 to December 31)
Budget: valued in dollars
Positions of those responsible for the actions and the achievement of the objectives: Head of Publications
Relate to each objective and the achievement of best practices: YES
Advance 2022: 100%
Evidence of objective FU: YES

Objectives 3: Understand the population water situation
Desired result: WASH
Status 2023: 100%
Measurement: facilitate access to water for 1 family in the community
Monitoring: Implementation report
Terms: annual (from January 1 to December 31)
Budget: valued in dollars
Positions of those responsible for the actions and the achievement of the objectives: head of sustainable development
Relate to each objective and the achievement of best practices: YES
Advance 2022: 100%
Evidence of objective FU: YES

Objectives 4: Optimize the monitoring of the phreatic layers (aquifer) in the wells
Desired result: Water Balance, Water Quality
Status 2023: 60
Measurement: monitoring number
Monitoring: Monitoring reporte
Terms: monthly
Budget: valued in dollars
Positions of those responsible for the actions and the achievement of the objectives:

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Infrastructure Manager
 Relate to each objective and the achievement of best practices: YES
 Advance 2022: 100%
 Evidence of objective FU: YES

Objectives 5: Create forested areas with native species as climate change mitigation.
 Desired result: IWRA
 Status 2023: 75%
 Measurement: reforested area (ha)
 Monitoring: Registration of forested areas
 Terms: annual (from January 1 to December 31)
 Budget: valued in dollars
 Positions of those responsible for the actions and the achievement of the objectives: head of sustainable development
 Relate to each objective and the achievement of best practices: YES
 Advance 2022: 90%
 Evidence of objective FU: YES

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

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







Yes

Comment AGRICOLA CHAPI has presented:
 - Plan de Resiliencia (Doc 2 4 1)
 - CAR ICA PLAN DE TRABAJO AÑO 2022-2023 (Doc 2 4 1 b)

The resilience plan indicates the activities to be carried out by the stakeholders in ICA's area of influence in projects related to their identified risks (lack of water availability).
 The identified projects are:
 Creation of Recharge Ponds / Various Responsible
 Infiltration ditches in Tambo (upper basin) / Responsible: Xynergica
 Water planting and harvesting projects in Ica and Huancavelica / Responsible: MIDAGRI and MINAM 4.
 Aquifer recharge through canal / Responsible party: Río Seco Users Board
 Rehabilitation of areas / Responsible: CAU Luis Geronimo de Cabrera
 Río Seco Aquifer (Recharge) / Responsible: Ica Committee
 Academic Knowledge / Responsible: Xynergica
 Access to information / Responsible: Xynergica
 Implementation of standards / Responsible: AWS and Sunass
 Sensitization of the area of influence / Responsible: Xynergica



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3	STEP 3: IMPLEMENT - Implement the site's stewardship plan and improve impacts	
3.1	<i>Implement plan to participate positively in catchment governance.</i>	
3.1.1	<i>Evidence that the site has supported good catchment governance shall be identified.</i>	 Yes
Comment	AGRICOLA CHAPI has presented: - DERECHOS HIDRICOS DE LAS COMUNIDADES NATIVAS (Doc 3 1 2) AGRICOLA CHAPI has participated in important formal and informal governance processes for water decision making in its catchment and aquifer in the ICA region. Sample of initiatives: -Promote the creation of the South Committee (now XynergICA), with the main purpose of seeking responsible water management in Ica -Preparation of the Roadmap to define the water sustainability of the basins where Chapí operates. -Creation of the Chapí Water Committee, with the participation of the company's senior management -Participation in the workshop "Collaborating with value chains for water in Ica" with the participation of companies, authorities, NGOs and others During stakeholder interviews it is frequently mentioned that AGRICOLA CHAPI maintains a proactive stance with open communication, in proposing projects in the catchment and aquifer such as: - Aquifer recharge projects - Conservation and Natural Regeneration with native species	
3.1.2	<i>Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.</i>	 Yes
Comment	AGRICOLA CHAPI has presented: - DERECHOS HIDRICOS DE LAS COMUNIDADES NATIVAS (Doc 3 1 2) The site has carried out a review of the applicable legal bodies related to the rights of access to water and indigenous communities. According to the legislation, access to water is a priority for human consumption, Agricola Chapi complies with this requirement in compliance with the well water concession granted by ANA.	
3.2	<i>Implement system to comply with water-related legal and regulatory requirements and respect water rights.</i>	
3.2.1	<i>A process to verify full legal and regulatory compliance shall be implemented.</i>	 Yes
Comment	AGRICOLA CHAPI has presented: - Tabla matriz requisitos legales_v.Legal (Doc 3 2 1) The site provides a methodology for review the compliance with regulatory requirements annually in his Legal matrix. According to the site, for 2023 has fully accomplishment in the legal requirements.	
3.2.2	<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>	 Yes

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Comment	<p>AGRICOLA CHAPI has presented: - DERECHOS HIDRICOS DE LAS COMUNIDADES NATIVAS (Doc 3 2 2)</p> <p>The Site states that through the regulation and granting of concessions for the use of water from each of the properties, considering the water source to be used, a flow rate is granted to be respected as part of the water rights of all the actors located in the catchment, which must adhere to the value given by the environmental authority.</p>	
3.3	<i>Implement plan to achieve site water balance targets.</i>	
3.3.1	<i>Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.</i>	 Yes
Comment	<p>AGRICOLA CHAPI has presented: - PdG 2024 v.Aprobacion (Doc 3 3 1)</p> <p>AGRICOLA CHAPI has identified three objectives in relation to the water balance: - Objective 1: Execute aquifer recharge - Objective 2: Improve irrigation efficiency in Chapi crops. - Objective 3: Optimize the monitoring of the groundwater table in the wells</p> <p>SAMPLE Objectives1 :Execute aquifer recharge Desired result: Water balance, Governance Status 2023:185 % Measurement: Water volumen Monitoring: Water volumen report of volume of water entered into the recharge pool Terms: annual (from January 1 to December 31) Budget: valued in dollars Positions of those responsible for the actions and the achievement of the objectives: Infrastructure Manager Relate to each objective and the achievement of best practices: YES Advance 2022: 96% Evidence of objective FU: - RECARGA AGRICOLA CHAPI S.A. (Doc 3 3 1 a) - INFORME N° 005 2021 RECARGA 2021 VF (Doc 3 3 1 b) - BOLETIN mayo23 (1) (1) (Doc 3 3 1 c)</p>	
3.3.2	<i>Where water scarcity is a shared water challenge, annual targets to improve the site's water use efficiency, or if practical and applicable, reduce volumetric total use shall be implemented.</i>	 Yes

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Comment	<p>AGRICOLA CHAPI has presented: - Indicadores de consumo de agua CHAPI (Doc 3 3 2)</p> <p>AGRICOLA CHAPI has identified a water use efficiency target for each year.</p> <p>DONA JULIA Water consumption 2021: 1601740 m3 Water consumption 2022: 1446887,63 m3 Water reduction: 9%</p> <p>DON ERNESTO Water consumption 2021: 8951290 m3 Water consumption 2022: 8402843 m3 Water reduction: 6%</p> <p>AGRICOLA CHAPI Water consumption 2021: 10553030 m3 Production 2021: 12900 TM Water consumption 2022: 9849731 m3 Production 2021: 17843 TM</p>	
3.3.3	<i>Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.</i>	 Yes
Comment	<p>There is no legally binding document that obliges the organization to reallocate water to social, cultural or environmental needs. AGRICOLA CHAPI complies with its maximum allowed flow in the concessions and reports them to ANA periodically in accordance with applicable local legislation</p>	
3.4	<i>Implement plan to achieve site water quality targets</i>	
3.4.1	<i>Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.</i>	 Yes
Comment	<p>AGRICOLA CHAPI has presented: - PdG 2024 v.Aprobacion (Doc 3 4 1)</p> <p>AGRICOLA CHAPI has identified four objectives in relation to the water quality: - Objective 1: Carry out the maintenance of the hydraulic infrastructure in the Ica Valley - Objective 2: Ensure the quality of the water used on the farm - Objective 3: Collaborate with the Users Board in the mapping of water salinity in the basin - Objective 4: Comprehensively ensure the treatment of wastewater from site toilets</p> <p>SAMPLE Objectives 4 :Optimize the monitoring of the phreatic layers (aquifer) in the wells Desired result: Water Balance, Water Quality Status 2023: 60 Measurement: monitoring number Monitoring: Monitoring reporte Terms: monthly Budget: valued in dollars Positions of those responsible for the actions and the achievement of the objectives: Infrastructure Manager Relate to each objective and the achievement of best practices: YES Advance 2022: 100% Evidence of objective FU: Monitoreo pozo Chapi Pedregal (doc 3 4 1 a) for 2023 Monitoreo pozo Chapi Piscina (doc 3 4 1 b) for 2023</p>	

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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	AGRICOLA CHAPI does not have a shared challenge related to water quality. The water quality analyses carried out on the farms demonstrate compliance under local regulations.	
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	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - PdG 2024 v.Aprobacion (Doc 3 5 1) <p>AGRICOLA CHAPI has identified two objectives in relation to the IWRA:</p> <ul style="list-style-type: none"> - Objective 1: rate forested areas with native species as climate change mitigation. - Objective 2: Implement a model of agroecology and environment in community schools <p>SAMPLE</p> <p>Objectives 5 :Create forested areas with native species as climate change mitigation.</p> <p>Desired result: IWRA</p> <p>Status 2023: 75%</p> <p>Measurement: reforested area (ha)</p> <p>Monitoring: Registration of forested areas</p> <p>Terms: annual (from January 1 to December 31)</p> <p>Budget: valued in dollars</p> <p>Positions of those responsible for the actions and the achievement of the objectives: head of sustainable development</p> <p>Relate to each objective and the achievement of best practices: YES</p> <p>Advance 2022: 90%</p> <p>Evidence of objective FU:</p> <p>CONSOLIDADO AWS NATIVAS FDE FDJ SET 2023 (Doc 3 5 1 a)</p>	
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	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none">- PdG 2024 v.Aprobacion (Doc 3 6 1) <p>AGRICOLA CHAPI has identified four objectives in relation to the IWRAs:</p> <ul style="list-style-type: none">- Objective 1: Understand the population water situation- Objective 2: Ensure the quality of the water used on the farm- Objective 3: Ensure access to reliable drinking water at different points of the site for all employees.- Objective 4: Comprehensively ensure the treatment of wastewater from site toilets <p>SAMPLE</p> <p>Objectives3 : Understand the population water situation Desired result: WASH Status 2023: 100% Measurement: facilitate access to water for 1 family in the community Monitoring: Implementation report Terms: annual (from January 1 to December 31) Budget: valued in dollars Positions of those responsible for the actions and the achievement of the objectives: head of sustainable development Relate to each objective and the achievement of best practices: YES Advance 2022: 100% Evidence of objective FU: INFORME N° 04 PROYECTO WASH (Doc 3 6 1 a)</p> <p>The organization has identified and mapped the following WASH infrastructure for DON ERNESTO (Doc 3 6 1 - 1 b) and DONA JULIA (Doc 3 6 1 - 2 b):</p> <ul style="list-style-type: none">- Staff hygiene facilities- Sinks- Shower facilities- WASH training- Provision of PPE- Store of PPE- Water availability <p>The organization has evidence of</p> <ul style="list-style-type: none">- Physicochemical analysis of drinking water <p>DON ERNESTO (Doc 3 6 1 - 1 a) Water monitoring: 13-06-2023 / Compliance is verified in accordance with the local Legislación DS 031-2010-SA</p> <p>DONA JULIA (Doc 3 6 1 - 2 a) Water monitoring: 13-06-2023 / Compliance is verified in accordance with the local Legislación DS 031-2010-SA</p> <ul style="list-style-type: none">- Compliance with the number of public toilets and access to hygiene facilities / Photographic evidence is verified according to local legislation- Adequate WASH facilities are maintained at the Site through robust housekeeping and a Preventive/on-demand maintenance program for water and sanitation (toilets, showers, sinks) facilities.	
3.6.2	<p><i>Evidence that the site is not impinging on the human right to safe water and sanitation of communities through their operations, and that traditional access rights for indigenous and local communities are being respected, and that remedial actions are in place where this is not the case, and that these are effective.</i></p>	<p> Yes</p>

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Comment AGRICOLA CHAPI states that 100% legal regulations are complied with in terms of water extraction, our wells are located in agricultural sectors far from community drinking water wells. Also, the organization performs drinkable water analysis for both sites to ensure water quality
The organization has evidence of
- Physicochemical analysis of drinking water
DON ERNESTO (Doc 3 6 2 - 1 a) Water monitoring: 13-06-2023 / Compliance is verified in accordance with the local Legislación DS 031-2010-SA
DONA JULIA (Doc 3 6 2- 2 a) Water monitoring: 13-06-2023 / Compliance is verified in accordance with the local Legislación DS 031-2010-SA

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

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


No

Comment No evidence has been presented.

Finding No: TNR-005846

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


No

Comment AGRICOLA CHAPI has presented:
- Informacion proveedores terceros AWS RRHH (Doc 3 7 2).

Finding No: TNR-005847

3.8 *Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.*

3.8.1 *Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.*


No

Comment AGRICOLA CHAPI has identified the following evidence of engagement with shared infrastructure owners:
- Infrastructure related to prevent affectation from the "Canal del HUAICO" shared with AGROCASA
- Aquifer recharge infrastructure (Well 68) owned by JUASVI and AGRICOLA CHAPI .

Finding No: TNR-005848

3.9 *Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.*




3.9.1 *Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.*


Yes

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Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none">- 13 9 Identificacion mejores practicas FDE FDJ (Doc 3 9) <p>The site has established:</p> <p>3.9.1. Best practices relevant to water governance in the basin will be identified.</p> <p>a) Prepare a solid Management Plan that reflects the efforts of the company for the best practices of sustainable water management. Implemented action evidence: 2021 to 2023 and 2024 to 2027 WSP</p> <p>b) Make the sustainable management of the company's water transparent and public, through the disclosure of our Management Plan and a document that summarizes our annual management, including the extraction and consumption of water in a comparative way, in addition to other available channels. to our stakeholders. Implemented action evidence: communication of the water use indicators and the WSP of AGRICOLA CHAPI</p> <p>c) Participate in meetings and working groups where joint problems and challenges in water management are discussed with the aim of seeking solutions to said problems. Implemented action evidence: Work meetings with CAR ICA and SIFAV.</p> <p>d) Maintain the AWS certification for the continuous improvement of sustainable water management. Implemented action evidence: AWS certificate.</p>	
3.9.2	<i>Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.</i>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none">- 13 9 Identificacion mejores practicas FDE FDJ (Doc 3 9) <p>The site has established:</p> <p>3.9.2. Best practices for water balance in relevant sectors and/or basins will be identified (either through water efficiency or lower total water use)</p> <p>a) Use the best technology available such as: technical drip and micro-sprinkler irrigation, soil moisture measurement sensors, weather stations whose use is general in most agro-export companies. This achieves high efficiency in the use of water. Implemented action evidence: evidence of the fertigation plan for weeks 19, 20 and 22 of 2023</p> <p>b) A good practice is the replenishment or infiltration of water in other areas of the catchment area to partly compensate for the withdrawal of water by the site. Through the irrigation BOARDS, of which Chapi is a part, and directly, various aquifer recharge projects have been launched, such as the Golda Meir park, Aquijes pool, and Tallamana pool. Implemented action evidence: summary of recharges executed in 2022 and 2023 by AGRICOLA CHAPI.</p> <p>c) Field practices that promote moisture retention in the soil will be used: application of mulch pruning crops, cover crops, incorporation of organic matter. Implemented action evidence: cover tests, cover species, purchase of equipment (crusher).</p>	
3.9.3	<i>Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.</i>	 Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none">- 13 9 Identificacion mejores practicas FDE FDJ (Doc 3 9) <p>The site has established:</p> <p>3.9.3. Best practices for water quality in the relevant sectors or basins will be identified, including justification of the data source.</p> <p>a) Collaborate with the Users Board in the mapping of salinity and physical-chemical characteristics of the basin. Implemented action evidence: Basin isoconductivity maps updated to 2022.</p>	
3.9.4	<i>Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.</i>	 Yes

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Comment AGRICOLA CHAPI has presented:
- 13 9 Identificacion mejores practicas FDE FDJ (Doc 3 9)

The site has established:
3.9.4. Relevant catchment best practices for maintenance of Important Water Related Area sites will be identified.
a) Sensitization of workers on the good management of water, solid waste and biodiversity.
Implemented action evidence: Good water management workshop carried out for collaborators on 09-13-2022
b) Through the irrigation BOARDS, of which Chapi is a part, and directly, various aquifer recharge projects have been launched, such as the Golda Meir park, Aquijes pool, Tallamana pool.
Implemented action evidence: evidence of aquifer recharge.
c) Sensitization of the community through the school on issues of sustainability and care for the environment.
Implemented action evidence: Community Newsletter January-December 2022.

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



Yes

Comment AGRICOLA CHAPI has presented:
- 13 9 Identificacion mejores practicas FDE FDJ (Doc 3 9)

The site has established:
3.9.5. In an effort to cover the existing water and sanitation gaps in the community where we operate, we have implemented a drinking water improvement system in the home of one of our collaborators, installing an elevated tank to cover their water needs permanently.
Implemented action evidence: Report of 03-15-2023 on the implementation of drinking water systems (tank and connections) for 1 person.

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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>
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - PdG 2024 v.Aprobacion (Doc 4 1 1) <p>There is an evaluation of compliance with the 5 AWS objectives and its progress to date (Column "Evaluacion" Each objective is evaluated by:</p> <ul style="list-style-type: none"> - Evaluation of compliance. - Effectiveness of the objective: through: risk mitigation, shared challenge reduction, value creation.
4.1.2	<i>Value creation resulting from the water stewardship plan shall be evaluated.</i>
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - PdG 2024 v.Aprobacion (Doc 4 1 2) <p>There is an evaluation of the Value creation result in for each objective</p> <p>Sample:</p> <p>Objective: Understand the population water situation Value creation result: Water availability 24/7</p> <p>Objective: Improve irrigation efficiency in Chapi crops. Value creation result: Water savings of 3%</p>
4.1.3	<i>The shared value benefits in the catchment shall be identified and where applicable, quantified.</i>
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - PdG 2024 v.Aprobacion (Doc 4 1 3) <p>There is an evaluation of the Value creation result in for each objective.</p> <p>Sample:</p> <p>Objective: Improve irrigation efficiency in Chapi crops. Value creation result (Basin): Less extraction on the site for the benefit of the basin.</p> <p>Objective: Understand the population water situation. Value creation result (Basin): Closing gaps in basic services.</p>
4.2	<i>Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.</i>
4.2.1	<i>A written annual review and (where appropriate) root-cause analysis of the year's emergency incident(s) shall be prepared and the site's response to the incident(s) shall be evaluated and proposed preventative and corrective actions and mitigations against future incidents shall be identified.</i>

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Comment	<p>AGRICOLA CHAPI has presented: - INFORME HUAICO ACH (Doc 4 2 1)</p> <p>The organization presents annually its incidents and water emergencies to the Water Committee. It is indicated by the audited team that there have been no accidents or incidents related to their water emergency situations in 2022. For 2023 has been identified 1 incident related to water (flooding "HUAICO") on march 2023. AGRICOLA CHAPI has presented OPD01-2023 dated 25-03-2023 with evidence of the flooding affectation, Root cause analysis, Evaluation of the site's response to the incident, Identification of actions (action plan).</p>
4.3	<p><i>Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.</i></p>
4.3.1	<p><i>Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.</i></p>
Comment	<p>AGRICOLA CHAPI plans to engage stakeholders at least annually, to seek feedback on the site's performance, including the effectiveness of its engagement process. This engagement will be documented and will also be used to seek input on water challenges and recommended updates to the Water Stewardship Plan. Consultations are verified in 2023 (ZIP 4 3 1) with (Sample): - JUASVI - AWS - SUNAS - Local communities Issues related to watershed management and WASH are reviewed.</p>
4.4	<p><i>Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.</i></p>
4.4.1	<p><i>The site's water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations in this step and these changes shall be identified.</i></p>
Comment	<p>AGRICOLA CHAPI has presented: - PdG 2024 v.Aprobacion (Doc 4 4 3)</p> <p>The Site has submitted its Water Stewardship Plan to its Stakeholders, in its interest to strengthen the capacities and feedback of the different groups of stakeholders in the territory. Also, they have initiated the communication of its WSP to JUASVI and JUSH (water management board). AGRICOLA CHAPI has prepared its WSP for 2024 to 2027 gathering the needs of the different sectors focused on the relevance analysed by the stakeholders.</p>



Yes



Yes

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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> ✔ Yes
Comment	<p>AGRICOLA CHAPI has presented:</p> <ul style="list-style-type: none"> - Reporte de Sostenibilidad 2021 VF (Doc 5 1 1) <p>Positions and responsible for compliance with water-related regulation and governance are identified on Sustainability report (2021) chapter 4, pag 62.</p>
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> ✘ No
Comment	<p>The Water Stewardship Plan includes information on how it contributes to AWS Standard outcomes.</p> <p>The WSP were communicated with relevant stakeholders via email on 07-06-2023 (Doc 5 2 1 a).</p> <p style="text-align: right;">Finding No: TNR-005851</p>
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> ✘ No
Comment	<p>AGRICOLA CHAPI has communicated:</p> <ul style="list-style-type: none"> - 2020 water performance with relevant stakeholders via email on 16-12-2021 (Zip 5 2 1). For 2022 water performance the infographic ha been prepared to be released in late 2023. <p style="text-align: right;">Finding No: TNR-005852</p>
5.4	<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>
5.4.1	<i>The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.</i> ✔ Yes
Comment	<p>AGRICOLA CHAPI has presented document Carta ANA proyectos Ago 2023 (Doc 5 4 1)</p> <p>In the document, the National Water Authority (ANA) requires information on projects related to the ICA aquifer (ICA, Villacuri and Lanchas Sectors) to incorporate them into an action plan for the ICA aquifer.</p>
5.4.2	<i>Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.</i> ✔ Yes

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Comment Evidence of efforts made by the site its presented in folder 5 4 2:
 - Interaction with SIFAV / Date: 16-02-2023 / participation in the workshop "Collaborating for water in ICA" where companies in the sector, NGOs and interest groups (including AWS) participate.
 - Interaction with CAR - ICA / Date: 11-04-2022 / participation in the implementation initiative of the Regional Environmental Management System - SRGA.

5.5 *Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.*

5.5.1 *Any site water-related compliance violations and associated corrections shall be disclosed.*

✔
Yes

Comment As indicated by the audited team, there have been no breaches related to water regulations in 2022. It is verified in the environmental compliance audits that there are no communications related to non-compliance in legal matters. In addition, the audited stakeholders indicate that they have not filed any type of complaint related to the use and management of water by AGRICOLA CHAPI.

5.5.2 *Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.*

✔
Yes

Comment In general, a Complain or equivalent issued by a regulatory agency does require a written response – among other items it requires information on corrective actions taken to prevent future occurrences. Moreover, AGRICOLA CHAPI management system requires violations to be entered in the internal corrective action process.

5.5.3 *Any site water-related violation that may pose significant risk and threat to human or ecosystem health shall be immediately communicated to relevant public agencies and disclosed.*

✔
Yes

Comment According to the local legislation, a method of presenting evidence and treatment of the complaint must be presented within 10 days after your notification. As indicated by the audited team, there have been no breaches related to water regulations in 2022.

Photographic Evidence from Audit

✔
Yes

Comment It has been agreed with AGRICOLA CHAPI the publication of the following photographic record of the farms visited on site:
 - DONA JULIA (DJ): visit carried out on 05-09-2023
 - DON ERNESTO (DOE): visit carried out on 05-09-2023



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Previous Findings

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



No

Comment

Has been reported:
CER IA: 4 NC (3 minors / 1 major)
SV 1: 1 NC (1minor)
SV 2: NC are not reported

A repeatability of the NC related to:
- (1.3.3) site water balance
- (1.5.5) Important Water-Related Areas identification
- (5.2.1) Water stewardship plan communication
- (5.3.1) Quantified performance against targets annually disclosure
All repetitive NC has been identified and stated as MAJOR NC

The rest of the findings have been satisfactorily closed.
An analysis of the findings of the certification period is reported in document 7 0 0 0 Analysis of Certification Findings.