

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

SITE DETAILS

Site: **Liquats Vegetals - Viladrau**
Address: CTRA DE VIC KM 1.23, 17406, Viladrau, SPAIN
Contact Person: Àngels Sancho
AWS Reference Number: AWS-000463
Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Core
Date of certification decision: 2022-Dec-22
Validity of certificate: 2025-Dec-22

AUDIT DETAILS

Audited Service(s): AWS Standard v2.0 (2019)
Audit Type(s): Initial Audit
Audit Start Date: 2022-Sep-26
Lead Auditor: Gregorio Crespo

Site Participants:
Àngels Sancho, Department Head HSE
Laura Masgrau, Department Head HSE
Human Resources,
Engineer Department,
Head of Communication and Institutional Relations,
Water Engineer,
Industrial Services Coordinator,
Quality Controller,
Quality Controller,
Operations and Supply Chain Director,
Marketing Manager,
Quality Manager,

AUDIT TIMES

Dates	Audit from	Duration	Auditor	Description
2022-Sep-26	08:00:00 - 17:00:00	09:00	Gregorio Crespo	
2022-Sep-27	08:00:00 - 17:00:00	09:00	Gregorio Crespo	
2022-Sep-28	08:00:00 - 13:00:00	05:00	Gregorio Crespo	

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

ADDITIONAL INFO

Summary of Audit Findings: A total of seven minor non-conformities and nine observations were raised during the audit process. The audit team recommends certification Liquats Vegetals site at Core level pending approval of the corrective actions plan.

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 28th January 2023.

Minor non-conformities must be closed out by the next annual surveillance audit and will be confirmed at the next audit.

The audit team recommends certification of Liquats Vegetals, S.L. at Core level pending approval of the corrective actions plan.

CLOSURE OF FINDINGS AND CORRECTIVE ACTION PLAN:

The Client has successfully resolved the major non-conformities and submitted the corrective action plan addressing all findings.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Scope of Assessment: The scope of services covers the Initial certification audit for assessing conformity of Liquats Vegetals against the AWS International Water Stewardship Standard Version 2.

Liquats Vegetals is the first company in Carr. Vic, 1,23 km, 17406 Viladrau, Girona (Spain) dedicated to the production and distribution of 100% plant-based beverages. Its mission is to inspire healthy eating through an honest relationship with ingredients, people, and the environment and to be a leading food company that provides 100% plant-based and natural products at the service of the well-being and happiness of its consumers.

The product portfolio includes a variety of plant-based drinks made from oats, almonds, soya, walnuts, hazelnuts, coconut, and rice.

The facilities, process activities, and outputs were included in the assessment, among others:

- Raw material storage
- Production and packaging lines
- Finished product warehouse
- Well
- Sewage treatment plant
- Storage of chemical products and hazardous waste
- Discharge points
- Water tanks

The climate is mid-mountain Mediterranean with maritime influence and temperatures ranging between 10°C and 14°C, although in winter they can occasionally drop to -10°C and exceed 30°C in summer.

From the hydrogeological point of view, it is established that the granites have permeabilities between 1 and 18 m/d, with the value of 1 m/d corresponding to the unaltered granite and 18 to the altered granites or saulons. The minimum transmissivity indicated is 270 m²/day and a maximum of 1500 m²/day. Regarding the storage coefficient, values of 1% are given for unaltered granites and from 18% to 20% for saulons and alluvial granites.

The piezometry is coherent with the topography, with gradients between 36% and 2%, and generally drains in the direction of the river courses.

In terms of surface hydrology, the hydrographic network of Viladrau is included and organised around two main river systems: the basin of the River Ter (with the sub-basins of the Osor and Major streams) and the Tordera basin (with the sub-basins of the Santa Coloma and Arbúcies streams). The headwaters of the Riera Major are formed on the northern slopes of Matagalls and most of the waters that flow through the municipality drain into it. These include the Vilar stream, the Fàbregues, Font Savellà and Sant Segimon streams on the left, and the Font de Matagalls stream, the Erola stream, the Coll Pregon stream, the Extraño pothole and the Les Corts stream, into which the Can Feliu stream flows on the right.

In terms of underground hydrology, the municipality is partially included in the Montseny - Guillerics groundwater body (MAS-013), designated in good quantitative status, predominantly made up of unlinked free aquifers. It should be borne in mind that the municipality of Viladrau is not located on any protected aquifer, according to Decree 328/1968. With regard to the assessment of the status of the corresponding groundwater body, it should be noted that there are more than 80 abstractions granted by the Catalan Water Agency, with a total volume of more than 740,000 m³/year. There is also evidence of surface water abstractions, mainly for agricultural, supply and domestic use.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)



Audit Number: AO-000348

The audit was conducted onsite on 26 - 28 September 2022.

The onsite visit included the assessment of the production area, storage area, reception and offices visited onsite as part of the audit.

The following external stakeholders were interviewed during the audit:

- Fishermen's Association
- Associació Propietaris Montseny
- Associació Amics Montseny

FINDINGS

NUMBER OF FINDINGS PER LEVEL

Observation	9
Minor	7

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

FINDING DETAILS

Finding No: TNR-001689
Checklist Item No: 1.1.1
Status: Open
Finding level: Observation
Checklist item: 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.
Findings: A number of plans have been provided as evidence before the audit was completed. The elements analyzed during the audit are contained therein, although there are some freehand drawings that need to be formally reviewed and finalized.

Finding No: TNR-001690
Checklist Item No: 1.2.2
Status: Open
Finding level: Observation
Checklist item: 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.
Findings: There is room for improvement in the traceability between the actions being carried out in the Water Saving Team with respect to the actions set out in the document "Share water challenges".

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Finding No:	TNR-001686
Checklist Item No:	1.2.2
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2023-Sep-28
Checklist item:	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.
Findings:	The communication system covering all stakeholders has not been documented, for example, with whom meetings will be held or communications will be by means of calls or surveys, the frequency of these meetings, how conclusions will be managed, etc. It is verified that communications have not been carried out with all stakeholders.
Corrective action:	An Annual Communication Plan will be defined to establish communications with all the Stakeholders and will be monitored.
Finding No:	TNR-001692
Checklist Item No:	1.3.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2023-Sep-28
Checklist item:	Existing water-related incident response plans shall be identified.
Findings:	The PAU does not contemplate how to act in the event of a fire with regard to possible discharges into public watercourses or the effect on the treatment plant, as well as other possible consequences related to the use or discharge of extinguishing water. Likewise, the PAU does not contemplate emergency situations at the new treatment plant.
Corrective action:	Specific instructions for action would be included for the prevention of spills in a fire situation, as well as specific emergencies of the new treatment plant.
Finding No:	TNR-001688
Checklist Item No:	1.3.6
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2023-Sep-28
Checklist item:	On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.
Findings:	The company has generally identified and mapped important water-related areas on-site, including a description of their status. Identification and mapping do not have an adequate level of detail.
Corrective action:	Two possible entities will be contacted to help us identify and map in more detail the most relevant aspects of important water-related areas. (Parc Natural and CERM)

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Finding No: TNR-001693
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 studies presented at basin level the hydromorphological status but no agreement has been reached with the responsible administration as to the reason for this classification in order to define whether the company can contribute to improving these conditions.

Finding No: TNR-001694
Checklist Item No: 1.5.2
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2023-Sep-28
Checklist item: Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.
Findings: The company has not verified the legality of the well of the secondary catchment.
Corrective action: Documentation on the legalization of the well has been requested from the company that owns it.

Finding No: TNR-001695
Checklist Item No: 1.5.4
Status: Open
Finding level: Observation
Checklist item: 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.
Findings: The reports issued by the Centre for the Study of Mediterranean Rivers (University of VIC) do not indicate which areas of improvement the company can implement.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Finding No:	TNR-001696
Checklist Item No:	1.5.5
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2023-Sep-28
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:	The data collected in relation to Important Water-Related Areas have been for those that have a general character but have not been identified at the site-specific level. As the indicator states accordingly, the status of new IWRAs, including threats to people or the environment, should be assessed using scientific information and stakeholder involvement.
Corrective action:	The state of the IWRA and the threats will be evaluated from the information provided by the Natural Park and by the CERM on the river,
Finding No:	TNR-001697
Checklist Item No:	1.5.6
Status:	Open
Finding level:	Observation
Checklist item:	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.
Findings:	The company has not considered other elements of extreme events such as floods, snow damage (freezing of infrastructure), It is classified as an observation because these situations are unlikely as they have never occurred.
Finding No:	TNR-001698
Checklist Item No:	1.7.1
Status:	Open
Finding level:	Observation
Checklist item:	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.
Findings:	The risk and opportunities assessment do not include the systematic to interpret the what mean the different level of probability (high, medium and low) and consequence (high, medium and low).

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Finding No: TNR-001699
Checklist Item No: 3.1.1
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2023-Sep-28
Checklist item: Evidence that the site has supported good catchment governance shall be identified.
Findings: The communications they have had with the Montseny Natural Park and with the City Council as important stakeholders in the good governance of the basin have been verified, but the same relations have not been maintained with the Catalan Water Agency as the highest authority responsible for water policy in the basin.
Corrective action: Meetings will be scheduled and held with the Catalan Water Agency

Finding No: TNR-001700
Checklist Item No: 3.5.1
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2023-Sep-28
Checklist item: Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.
Findings: NC 2022: Liquats has not defined an objective associated with the important water-related ones. the company has provided documentation of hydrogeological technical assistance in the work of compensatory measures for the increase of Sauló (sand) in the "Viladrau major river (2019) but has not defined which are the important water-related ones and has not established objectives associated with them in the water management plan.

Document:
Water management plan (1.6)
Corrective action: Based on the information provided by the Natural Park and by the CERM on the river, and the assessments of the state of the IWRA and detection of threats, the objectives and actions of associated plant Liquats will be defined.

Finding No: TNR-001701
Checklist Item No: 3.7.1
Status: Open
Finding level: Observation
Checklist item: Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.
Findings: Observation 2022: The site is already in dialogue with the supplier about the technological change to be implemented by the suppliers, but answers have not been received.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Finding No:	TNR-001702
Checklist Item No:	5.2.1
Status:	Open
Finding level:	Observation
Checklist item:	The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.
Findings:	The company has started but has not finished communicating the sustainable water management plan to the stakeholder (mailed to Viladrau municipality and to Nestle). The company has planned to communicate this plan in the “Taula de l’aigua - 2022”.
Finding No:	TNR-001703
Checklist Item No:	5.4.2
Status:	Open
Finding level:	Observation
Checklist item:	Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.
Findings:	The company has started to identified the efforts made by the site to engage stakeholders and coordinate and support public-sector agencies but this process has not finished yet.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Report Details

Report	Value
Report prepared by	Gregorio Crespo
Report approved by	Lurdes Guerra
Report approved on (Date)	27/11/2022

Surveillance

Proposed date for next audit
2023-Sep-28

Stakeholder Announcements

Date of publication	Location
13/09/2022	WSAS web page
27/09/2022	Liquats Spain

Catchment Information

Catchment Information

The geographical location of the Liquats Vegetals plant is in the municipality of Viladrau, in the county of Osona. Specifically, the Liquats Vegetals plant is located in the southwest of the town of Viladrau, in the hydrological basin of the "Torrent del Coll Pregon" and the "Sot del Noguer", which converge to form the Riera Major. The basin in question has a surface area of 13.8 km and drains the slopes to the north of the Matagalls peak. The surface area of the basin is mainly occupied by forest land, although it also includes part of the town center of Viladrau. The relief of the basin is considerable, with elevation differences of more than 1,000 meters, ranging from 1,697 m at the Matagalls peak to 657 m at the confluence of the Major stream with the Sant Segimon stream.

Client Description and Site Details

Client/Site Background

Liquats Vegetals is the first company in Spain dedicated to the production and distribution of 100% plant-based beverages. Its mission is to inspire healthy eating through an honest relationship with ingredients, people and the environment and to be a leading food company that provides 100% plant-based and natural products at the service of the well-being and happiness of its consumers.

The product portfolio includes a variety of plant-based drinks made from oats, almonds, soya, walnuts, hazelnuts, coconut and rice.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Summary of Shared Water Challenges

Summary of Shared Water Challenges

The challenges shared with stakeholders have been defined in the document 3.6_8.P_12.I ver 1 Share water challenges-PT-PL-04 audit:

1^o.- To develop and invest in a more sustainable supply of water by prioritizing the supply of underground water.

2^o.- Construction and commissioning of the new treatment plant, with the necessary technology to be able to meet the parameters for discharge into the public watercourse and ensure the biodiversity of the area.

3^o.- Ensure the optimisation of processes by Liquats and the reduction of the ratio (water consumption in litres/litre bottled), to avoid wasting the resource.

Share information about the basin and the company through participation in the conferences organised by the City Council with other entities (Water Board).

Visits to the plant by organisations and associations in the town, as well as neighbours".

5^o.- To have the technology, identify the critical points and establish sufficient controls to ensure that there is no negative impact on the river.

To ensure and improve the current conditions of biodiversity of the Major river through periodic controls.

6^o.- To ensure that the well is well managed, to ensure the proper management of resources to comply with the parameters established by the ACA and to share this information on a monthly basis.

7^o.- To have information on the water consumption of our suppliers and to promote the application of good practices in crops to ensure the sustainable balance of water at its point of origin.

The shared water challenges have been prioritized.

Documents analyzed:

- 3.6_8.P_12.I ver 1 Share water challenges-PT-PL-04 audit

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 The Site is located in a single catchment.

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



Yes

Comment The Site is managed under a single system.

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



Yes

Comment The scope of the production system of the site is homogeneous.

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.

 Obs.

Comment Maps and relevant information on water supply, collection points, distribution network, discharge of wastewater, storage of hazardous substances are attached:

- PHYSICAL SCOPE OF THE SITE (ABAST FÍSIC DEL LLOC): Location, images of factory evolution, information of the basin, supply points, discharge point
- OTHER WATER SUPPLY: Information on other specific water supply points

Corporate information is available on the company (origin, values, products, etc.) as well as maps of the pluvial network, supply, flats, storage of chemical products and waste that can be sent if necessary, if not it will be shown on the day of the audit.

- 3.6_8.P_2.I see 1 Physical supply of the lloc
- 3.6_8.P_3.I see 1 Other supplies of water

Document 3.6_8.P_2.I see 1 “avast físic del lloc”

- Site limits; Slides 1-6.
- Water-related infrastructure, including the pipeline network, owned or managed by the site or its parent organization; OBS 2022-01
- Any water source that supplies the site, owned or managed by the site or its parent organization; WELL NUMBER 3. Transparency 12. The coordinates X: 447.814 and Y: 4.632.800 are missing.
- Water service provider (if applicable) and its final water source; Transparency from 9 to 11. Birth of water.
- Discharge points and wastewater service provider (if applicable) and final receiving water body or bodies; and – Own discharge: Treatment plant. The pipes are missing, see OBS 2022-01
- The basin(s) affected by the site and which it depends on for water. Document “3.6_8.P_3.I ver 1 Altres abastaments d'aigu” and “3.6_8.P_11.I ver 1 Conca Riera Major – including in the section 3.6.2”

OBSERVATION: A number of plans have been provided as evidence before the audit was completed. The elements analyzed during the audit are contained therein, although there are some freehand drawings that need to be formally reviewed and finalized.

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

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

- 1.2.1** *Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:*
- *Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;*
 - *Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;*
 - *Provide evidence of stakeholder consultation on water-related interests and challenges;*
 - *Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;*
 - *Identify the degree of stakeholder engagement based on their level of interest and influence.*



Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment	<p>The site has drawn up a stakeholder map and assessed who are the most relevant stakeholders and from there decided who are the most relevant stakeholders according to their level of interest and influence "3.6_8.P_4.I ver 1 Ubicació Stakeholders".</p> <p>The site presents the Excel document "3.6_8.P_4.R ver 1 Stakeholders" which identifies nine types of stakeholders: Public Administrations, Water Management Companies, Suppliers, Associations, Research Centres and Environmental Groups.</p> <p>Describes the physical scope of each of them, identifying whether they belong to the same basin or to other basins.</p> <p>The stakeholders interviewed during the audit were: Veïns Associació Propietaris Montseny ASSOCIACIÓ PESCADORS ASSOCIACIÓ AMICS MONTSENY ASSOCIACIÓ AMICS MATAGALLS ASSOCIACIÓ AIGUA I NATURA (Viladrau) ASSOCIACIÓ GRUP DE DEFENSA DEL TER</p> <p>Includes a map identifying stakeholders according to their level of interest and influence.</p> <p>The have been included the water-related challenges in the Excel document "3.6_8.P_4.R ver 1 Stakeholders" - Excel worksheet "Taula I" - NECESSITATS /EXPECTATIVES and in the PDF 3.6_8.P_12.I ver 1 Share water challenges. These water-related challenges were analyzed in the stakeholders shown below:</p> <p>ASSOCIACIÓ PESCADORS PARC NATUAL DEL MONTSENY OTAA de Barcelona</p> <p>The majority of key stakeholders have been identified and numerically mapped in terms of their interest and influence on the Site. The scale of water challenges in a catchment can range from minimal to highly significant depending on local circumstances. In order to complement and enrich the analysis performed, the water-related challenges should also be listed and allocated to each of the identified stakeholders. The site should identify the water-related challenges of stakeholders as a part of the stakeholder engagement process.</p> <p>The water-related challenges have been listed and allocated to each of the stakeholders identified. Was checked the stakeholders shown below:</p> <p>ASSOCIACIÓ PESCADORS PARC NATUAL DEL MONTSENY OTAA de Barcelona</p> <p>Documents analysed: 1.2 folder "3.6_8.P_4.I ver 1 Ubicació Stakeholders". "3.6_8.P_4.R ver 1 Stakeholders" –</p> <p>1.6 folder 3.6_8.P_12.I ver 1 Share water challenges.</p>	
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>	<p>✦ No</p>

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment The information regarding this point is included in the Excel of section 1.2.1

In the form 3.6_8.P_4.R ver 1 "Stakeholders" the influence/reputation has been established when assessing.

A working group called Forum of the Water was created where meetings with stakeholders are monitored and records linked of the the meeting minutes.

The site has decided the degree of influence regarding interviews with other AWS certificate holders, such as Nestlé Waters.

OBS: There is room for improvement in the traceability between the actions being carried out in the Water Saving Team with respect to the actions set out in the document "Share water challenges".

NC 2022-02: The communication system covering all stakeholders has not been documented, for example, with whom meetings will be held or communications will be by means of calls or surveys, the frequency of these meetings, how conclusions will be managed, etc. It is verified that communications have not been carried out with all stakeholders.

Strength: The existence of the post of Communications and Institutional Relations Technician.

Although it does not address the degree of potential influence between the site and other stakeholders, this may develop naturally as joint activities take place.

Finding No: TNR-001686
Finding No: TNR-001690

1.3 *Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.*

1.3.1 *Existing water-related incident response plans shall be identified.*


 No

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment Liquats Vegetals has a Self-Protection Plan (PAU – based on national regulation RD 840/2015 and regional regulation Decree 30/2015) to respond to emergencies, which includes possible incidents related to water and which is updated periodically.

PAU

Section 3.4 of the PAU defines the different types of emergencies. Among others, it was possible to verify the leak or spill of chemical products and discharge into the riverbed; flooding has also been evaluated, but constituted as a risk. Last real emergency report (2021) due to the fact that foam was generated in the treatment plant ending up in the river.

The measures derived from this accident were as follows:

1. Verify that they continue to apply 1 Daily foam control; a daily foam control procedure is carried out from Monday to Sunday, in which the formation of foam and the... It will be considered acceptable when the foam disappears in less than 10 seconds after shaking the sample for 5 seconds. In the sample from the moment of damage, the foam persistence time was greater than 20 seconds.
2. Creation of an internal committee in which any problem related to the treatment plant must be reported and efficient and quick action be taken in the event of any anomaly.
3. Addition of antifoam at the end of our purification process.
4. Daily supervision of the treatment plant, including technical support for weekends and holidays to reinforce face-to-face surveillance where the production plant is operating.
5. Automatic dosage and monitoring of the biocide in the production towers 24 hours a day.

What will guarantee a constant and stable addition of Bromine.

Last simulacrum checked from 05/31/2021 due to a hydraulic oil spill in the gas discharge area. It acted correctly and according to the established plan. Simulacrum planning for 2022 has being verified. A fire drill has been carried out and schedule for October 2022 a leak or spill one of chemical products and land discharge.

The response to water incidents has been included in the section 3.4.3.5 “actions in the event of a chemical product spill” and 3.4.3.6 “action in the event of spilling into a public channel of PAU.

NC 2022-02: The PAU does not contemplate how to act in the event of a fire with regard to possible discharges into public watercourses or the effect on the treatment plant, as well as other possible consequences related to the use or discharge of extinguishing water. Likewise, the PAU does not contemplate emergency situations at the new treatment plant.

On the other hand, Liquats has different documents to respond to incidents related to water, such as the following:

- PAUSIMULACRE VESSAMENT 31-05.
- INCIDÈNCIA DEPURADORA 18-10-2020 -3.
- Informe Consell Comarca Espuma 2020.
- 3.6/3.P/3.I. Actuación en caso de vertido o fuga.

Finding No: TNR-001692

1.3.2

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



Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348


Comment In relation to the Water Balance at the Liquats, the Water Supply, pre-treatments (osmosis and de-calcification), consumption by Processes, and final Discharge have been considered separately.

The company has defined the Water Flow Diagrams in the Plant, which show the flow meters that provide the consumption data with which this Balance has been carried out. The calibration of this equipment was verified during the audit process.

The company has detailed plans of the entire network of water supply and wastewater discharge pipes per plant, which have been described in previous sections (look NC 2022-01)

The documents analyzed were:
WATER AND FLOWMETER MAP: Map of the distribution of the main inflow, water consumption and discharge points, as well as the distribution of flow meters. and the distribution of flow meters.

Documents analyzed:
3.6_8.P_6.I ver 1 Mapa de l'aigua i cabalímetres
3.6_8.P_6.R ver 1 Balanç aigua_2021
3.6_8.P_6.R ver 0 Balanç aigua_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.* 
Yes

Comment Considering all the data included in the previous sections, an overall water balance of the Liquats plant has been drawn up, and the following table of data has been obtained, showing the final

The systematic for 2021 is different to the systematic for 2022.

Consumption and discharge data for 2021, as well as the consumption at each stage of the process:

Total outflows: m3 in final product + m3 discharge + m3 feed tank + m3 feed tank + sanitary water + evaporation in cooling towers.

Total factory consumption: -777 m3 (that amount is below 5% and probably would be the information of evaporation in cooling towers because is a theoretical calculation).

It can be concluded that, considering the total consumption, 57.64% corresponds to wastewater discharge and 42.36% to consumption in plant.

On the other hand, with regard to consumption in plant, a diagram is included below with all the recorded consumption and system losses (see file of indicator 1.3.2).

As can be seen, the consumption of water in the product (18%) and the evaporation associated with the CIP (Cleaning process) (18%) stand out, registering values of use not controlled of treated water of 12% and, finally, the rest of uses not quantified of 12%.



In section 8 of the manual, there is no challenge related to water that poses a threat to the good water balance of people or the environment. High and low annual variations have been quantified.

Documents analyzed:
3.6_8.P_6.I ver 1 Mapa de l'aigua i cabalímetres
3.6_8.P_6.R ver 1 Balanç aigua_2021
3.6_8.P_6.R ver 0 Balanç aigua_2022

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)



Audit Number: AO-000348

1.3.4	<p><i>Water quality of the site’s water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.</i></p>	 Yes
Comment	<p>Liquats Vegetals has a water management procedure, as well as a water quality control plan that determines the frequency of sampling and the parameters to be controlled. The company is IFS, BRC and ISO 14001 certified and accredited 1355/LE2150.</p> <ul style="list-style-type: none"> - IFS and BRC certification - ISO 14001 certificate - Accreditation 1355/LE (Quality control laboratory) - Statutory audits are carried out annually. 2021 report. <p>The mains water is analysed by the company in charge of the supply (SOREA), which sends the results on a regular basis.</p> <p>Well water and secondary supplies are analysed internally and annually by an external laboratory.</p> <p>Wastewater is monitored internally on a daily basis and monthly by an external company (Depurtech).</p> <p>An internal register is available, as well as the reports of the external analyses have been analysed in the indicator 3.6.1.</p> <p>Documents: 3.2_1.P ver 14 Procediment de Gestió de l'aigua 3.2_1.P_1.I ver 9 Pla de control de l'aigua potable</p>	
1.3.5	<p><i>Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.</i></p>	 Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment	<p>Liquats has identified all those facilities, storage and processes that could cause accidental contamination which could affect process water, or even groundwater or surface water in the Riera Major basin.</p> <p>These sources are identified in the documents described below. The auditor analyzed the areas indicate below during the audit process:</p> <p>Caustic soda tank Sulphuric acid tank. Hazardous waste. Non-hazardous waste. DEPTACID NT tank APQ10. IBC. Osmosis Plant Corrosive Products Loading and Unloading Area CIP Chemicals Storage Tanks Chilled Water Plant</p> <p>These sources of pollution and chemicals used or stored on site have been mapped in the documents shown below.</p> <p>Look observation 1.1.1</p> <p>Documents analyzed. 3.6_8.P_7.I ver 1 Punts risc contaminació. Plànol Envasat_ químics i residus. Plànol Incidència ambiental. Plànol Producció_ químics i residus. 3.6_6.P Taula emmagatzematge productes químics. 3.6_6.P ver 2 Gestió magatzems APQ. 3.6_8.P_1.R ver 1 Productes químics_Consum.</p>
1.3.6	<p><i>On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.</i></p>
	 in progress
Comment	<p>NC 2022-03: The company has generally identified and mapped important water-related areas on-site, including a description of their status. Identification and mapping do not have an adequate level of detail.</p> <p>In Spain indigenous cultural values do not exist.</p> <p>Documents analyzed. 3.6_8.P_10.I ver 1 IWRA</p>
	<p>Finding No: TNR-001688</p>
1.3.7	<p><i>Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.</i></p>
	 Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment The annual costs (2021) related to water are detailed.

RELATED COSTS:

- Sewage treatment plant costs 2021
- Analytical expenses water
- Related costs
- Stakeholders

DIRECT SUPPLY COSTS:

- Direct water costs
- Cost of water network sorea viladrau (2016-2026)
- Cost of other water consumption
- Fixed well costs
- Total annual

The water management plan includes estimated savings and monitoring of compliance with these savings for actions where savings can be measured.

The documents analysed were:

- 3.6_8.P_5.R ver 1 Cost aigua
- Permis ACA Resolucio_autorizacio_UDPH2019005246
- Permis obres EDAR ajuntament-

1.3.8


Levels of access and adequacy of WASH at the site shall be identified.


Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment	<p>In relation to Water, Sanitation and Hygiene (WASH), there is a commitment by management to ensure access to safe drinking water, as well as the maintenance of safe drinking water and sanitation facilities.</p> <p>Management that guarantees access to drinking water, as well as the maintenance of adequate sanitation and hygiene conditions for all workers at the plant.</p> <p>In relation to drinking water, it is supplied through a series of water fountains located in the plant. There are 8 water fountains throughout the plants.</p> <p>According to current regulations, there must be 25 toilets for each man and 15 toilets for each woman. Considering the total number of male and female employees (including permanent employees, temporary employees and interns) there are 51 men and 43 women at Liquats, with 11 toilets for men and 10 for women. Women resulting in a ratio of 4.6 man/Wcs and 4.3 woman/ WCs. As for the showers, there are 7 showers for men and 6 for women. The use of masks, sanitizers and toilets within the site was observed during the site walk-through.</p> <p>Hygiene and food safety is very important for Liquats, as is demonstrated by the certification based on the IFS and BRC Standard, and the General Hygiene Plans, which guarantee the application of elements such as pest control, waste control, cleaning, good manufacturing practices, etc.</p> <p>Liquats, through the management of its discharges and the prevention of possible episodes of contamination of surface and groundwater in the Riera Major basin, aims to ensure that the hygiene conditions of the water in the basin remain adequate for the rest of the consumers.</p> <p>All WASH aspects have been comprehensively addressed.</p> <p>The documents analyzed were:</p> <ul style="list-style-type: none">• 04.013 LV2 Planol 13 nivell 767,00 sanejament cobertes oficines.• 04.04 LV1 Planol 4 Planta baixa sanejament.• 04.05 LV1 Planol 5 Planta pis 1 sanejament.• 04.06 LV1 Planol 6 Planta pis 2 sanejament.• 04.08 LV2 Planol 8 nivell 745,20 sanejament.• 04.09 LV2 Planol 9 nivell 751,00 sanejament.• 04.010 LV2 Planol 10 nivell 755,07 sanejament.• 04.011 LV2 Planol 11 nivell 762,00_763,05 sanejament.• 04.012 LV2 Planol 12 nivell 767,00 sanejament.
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> <p style="text-align: right;"> Yes</p>

CERTIFICATION REPORT


Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment This identification has been carried out in the Liquats Stakeholder Map included as an Annex, and the following conclusions can be highlighted:

- There are some service providers who carry out work at the Liquats plant and, therefore, their consumption is not considered indirect, but direct, as it is Liquat's water consumption. These are cleaning and maintenance suppliers.
- Some product suppliers have been identified in the basin that do not use water in their production process, as they are only product suppliers and do not carry out manufacturing or production activities, as well as the supplier of the laundry service and transport of water which does use water in its process.
- Suppliers have also been identified that may have significant water consumption in their processes, but are located outside the basin, such as all those related to the supply of raw materials or packaging materials.
- Finally, the main water supply (SOREA) and another secondary supplier which is outside of the basin.
- Sanitary water is the only water that goes to the Viladrau town hall wastewater treatment plant.

In conclusion, there are no input suppliers involving the use of virtual water.

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


Comment The site presents the list of its service providers located within its basin, where the factory is located.

Indirect water consumption by Liquats, considering the suppliers that use water in the process they carry out for Liquats and which are located in its basin, which are limited to transport and laundry cleaning.

The documents analyzed were:

- 3.6_8.P_2.R ver 1 Serveis externs consum d'aigua



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

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

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment	<p>Basin information is available. Documents:</p> <ul style="list-style-type: none"> - Water balance of the Riera Major basin. - Water quality in the basin <p>There is also a project to restore water sources. The report prior to the resolution is analysed, assessing the definitive project to improve the surface catchments of the Puigdot sector presented by the VILADRAU TOWN COUNCIL to optimise the municipal supply and increase the total volume registered (Osona, Girona). This project was approved by the Catalan Water Agency. Work is being carried out jointly with Liquats and the supply company.</p> <p>Liquats has developed a project for the execution of five new wells on the Molins estate, this project has been presented to the administration together with the environmental impact study carried out by Engimaps. It has been accepted by the ACA (Catalan Water Agency), with observations by the OTAA. It is currently on standby.</p> <p>The study is analysed at a global level of the situation of the basin and the sub-basin where the basin defined by the company is located (Documents analysed - 3.6_8.P_9.I see 1 Qualitat aigua conca - 3.6_8.P_8.I see 1 Balanç hídric Conca Riera Major).</p> <p>OBS: The studies presented at basin level the hydromorphological status, but no agreement has been reached with the responsible administration as to the reason for this classification in order to define whether the company can contribute to improving these conditions.</p> <p>Documents:</p> <ul style="list-style-type: none"> - EIA Propuesta modificación pozo Molins - Nueva propuesta ejecución de 5 pozos - Informe ACA favorable 5 pozos - Resolución OTAA pozo Molins - Informe ACA mejora captación - 3.6_8.P_9.I ver 1 Qualitat aigua conca - 3.6_8.P_8.I ver 1 Balanç hídric Conca Riera Major
1.5.2	<p><i>Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.</i></p> <p style="text-align: right;"> in progress</p>
Comment	<p>The identification and assessment of legal requirements is done with the ASECORP database.</p> <p>The main legal requirements related to water are the well water abstraction permit and the wastewater discharge permit.</p> <ul style="list-style-type: none"> - Legal authorisation of water use Molins Well - 3. Health Department. 13_07_2021. - Authorisation Well Molins-3. Catalan Water Agency. 08_09_2021 - Authorisation for discharge. ACA_2019_EXP_ACA006LLER_00000073. 22_10_2020 - Calibración de los equipos de la EDAR. - Authorisation for the reconstruction of the retaining wall. 23_03_2021. <p>NC: The company has not verified the legality of the well of the secondary catchment.</p> <p style="text-align: right;">Finding No: TNR-001694</p>
1.5.3	<p><i>The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.</i></p> <p style="text-align: right;"> Yes</p>

Audit Number: AO-000348

Comment The site presents extensive information on the hydraulic condition of the basin including monthly variations of water availability in reservoirs, as well as the variation of surface runoff (3.6_8.P_9.I ver 1 Qualitat aigua conca - 3.6_8.P_8.I ver 1 Balanç hídric Conca Riera Major).

The Water Balance establishes a situation of equilibrium between water inflows and outflows, it should be noted that the main outflow corresponds to surface drainage (rivers). The document 3.6_8.P_8.I ver 1 Balanç hídric Conca Riera Major shown us:

- Average annual renewable resource (hm3) 2051
- Reserves (hm3 for 300 meters depth)
- Average surplus drainage (hm3/a) 2051.

Document analyzed:

- 3.6_8.P_9.I ver 1 Qualitat aigua conca
- 3.6_8.P_8.I ver 1 Balanç hídric Conca Riera Major

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.*

 Obs.

Comment Knowledge of catchment water quality helps an organization to understand any risks it may face, and its own potential to impact on catchment water quality. The site identifies the physico-chemical and microbiological quality of inland waters has been systematically monitored by "Agencia Catalana del Agua". These controls have taken the form of sampling at a network of fixed points, where in situ measurements and analytical determinations have been carried out in the Laboratory. These controls were aimed at verifying compliance with the European Directives on the different uses of water.

The document "3.6_8.P_9.I ver 1 Qualitat aigua conca" shown us the conclusions describe below:

- Physico-chemical. Very good
- Microbiological quality: Good
- Chemical situation: Good

In 2021, the company hired the Center for the Study of Mediterranean Rivers (University of VIC) for the studies described below:

Evaluation of the ecological status of the Major stream around Liquats Vegetals, Viladrau (Osona). November 2021.

Technical note on the evaluation of the results obtained in the CERM sampling in the Riera Major.

The conclusions of these reports were:

"Very good results are obtained for the river's ecological quality parameters at the two control points, with no significant differences observed in water quality, ecological quality, or biological diversity between the two sampling control points"

Likewise, it has contracted said body to carry out periodic physical-chemical controls in the Mayor stream around the discharge of Liquats Vegetals SA in the year 2022.

OBS: The reports issued by the Centre for the Study of Mediterranean Rivers (University of VIC) do not indicate which areas of improvement the company can implement.


Información incluida en apartados:

- Ver 1.3.4 Calidad del agua (analíticas)
- Ver 1.5.1 Información sobre la cuenca
- Ver 1.5.8 Documentación CERM

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

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 The most important IWRA's are:

- Montseny Natural Park
- Riera Major
- "Bassa de la Vila" and "Bassa de Puig d'Ot" (bassa=pond), which are the supply points of the municipal network for the town of Viladrau and for Liguats Vegetals.

NC 2022: The data collected in relation to Important Water-Related Areas have been for those that have a general character but have not been identified at the site-specific level. As the indicator states accordingly, the status of new IWRA's, including threats to people or the environment, should be assessed using scientific information and stakeholder involvement.

Documents analysed
- 3.6_8.P_10.l ver 1 IWRA

Finding No: TNR-001696

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

Comment A detailed description of the public and private infrastructure related to water is available, including maps with the location of the sources and the distribution of the channels.

The future extraction points correspond to the five new points that are presented in the EIA report.
- Informative technical note for water (NABLA)
- EIA "Molins" well modification proposal

The technical note describes the following sections:

1. Information on the SOREA supply points, characteristics of the pipelines (Photographs and maps available).
2. Data from Well 3, (characteristics, photos, location maps and catchment data).
3. Map of the "Riera Major" (Major stream) and "Espinelves" basins.
4. Information and maps on the "Riera Major" basin, data on needs, Viladrau's consumption and main consumers, as well as inventories of other wells.
5. Aerial photos of the area's past
6. Areas of interest in the area: (Park, stream, springs, others...)
7. Diagram of the basin's water balance.

There is also a project to restore the water sources. The report prior to the resolution is analyzed, assessing the definitive project to improve surface catchments in the "Puigdot" sector presented by the VILADRAU CITY COUNCIL to optimize the municipal supply and increase the total registered volume (Osona, Girona). This project was approved by the Catalan Water Agency. Work is being done jointly with Liguats and the supplying company. Pre-agreement draft of responsibility shared between SOREA, Viladrau City Council and Liguats is verified.

There are minutes of meetings and the agreement (pending signatures) that will be shown on the day of the audit.


The main extreme event that has been analyzed is the drought, for which a project has been started.

OBS 2022: The company has not considered other elements of extreme events such as floods, snow damage (freezing of infrastructure), It is classified as an observation because these situations are unlikely as they have never occurred.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

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


Comment The site indicates that, according to the UN, in Spain, 98% of the Spanish population has access to drinking water and 97% has an adequate sanitation system. The basin where the factory is located is within the level of these data.

Data on the amount of water treated and reused in the basin is included.

Most of the wastewater is treated, 85% is reused and only 15% of the water is discharged to receiving bodies.

The site has supplied evidence to demonstrate that they have identified and assessed the adequacy of either on-site or catchment WASH services.

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

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

Comment The challenges shared with stakeholders have been defined in the document 3.6_8.P_12.I ver 1 Share water challenges-PT-PL-04 audit:

1º.- To develop and invest in a more sustainable supply of water by prioritizing the supply of underground water.

2º.- Construction and commissioning of the new treatment plant, with the necessary technology to be able to meet the parameters for discharge into the public watercourse and ensure the biodiversity of the area.

3º.- Ensure the optimisation of processes by Liquats and the reduction of the ratio (water consumption in litres/litre bottled), to avoid wasting the resource.

Share information about the basin and the company through participation in the conferences organised by the City Council with other entities (Water Board).

Visits to the plant by organisations and associations in the town, as well as neighbours".

5º.- To have the technology, identify the critical points and establish sufficient controls to ensure that there is no negative impact on the river.

To ensure and improve the current conditions of biodiversity of the Major river through periodic controls.

6º.- To ensure that the well is well managed, to ensure the proper management of resources to comply with the parameters established by the ACA and to share this information on a monthly basis.

7º.- To have information on the water consumption of our suppliers and to promote the application of good practices in crops to ensure the sustainable balance of water at its point of origin.

The shared water challenges have been prioritized.



Documents analyzed:

- 3.6_8.P_12.I ver 1 Share water challenges-PT-PL-04 audit

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

1.6.2	<i>Initiatives to address shared water challenges shall be identified.</i>	 Yes
Comment	Shared challenges have been analysed in the stakeholder interview. Among others, the following actions were analysed (document - 3.6_8.P_14.I ver 1 Water management plan): <ul style="list-style-type: none">- Ensure water quality in accordance with the requirements and needs of our products.- Ensure the supply of water necessary for production and for the municipality of Viladrau- Optimization of water consumption. Water ratio reduction	
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>	 Obs.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment Understanding water risks to the site is one of the most important parts of the business case for water stewardship. Identifying the risks and addressing them will help the site to protect itself from any unexpected costs.

The site presents the analysis of WATER RISKS AND OPPORTUNITIES OF THE AREA.

Based on the outcome of the Risk Assessment, Liquats prepares the Sustainable Water Management Plan, which sets out Objectives associated to the two principal risks.

Risk: Limitation of the water purification capacity of the sewage plant
Objective: Increase wastewater treatment capacity. Build and start up the new wastewater treatment plant with discharge into public watercourse.

Risk: Climate Change: The lack of rain means a drop in Sorea's reserves and possible water restrictions. The EIA of the wells estimates water availability until 2051, concluding a reduction in rainfall in 5.3% and a reduction in water resources of 8-10%.
Objective: Optimisation of water consumption. Reduction of the water ratio

The risk and opportunities assessment include the information shown below:

- NO. CONTEXT
- ENVIRONMENTAL ASPECT
- PROCESS AREA
- RISK DESCRIPTION
- CAUSE
- CONSEQUENCE
- PROBABILITY
- CONSEQUENCE
- RISK LEVEL
- TREATMENT
- RESPONSIBLE
- DATE
- DEADLINE
- PDCA
- PROBABILITY
- CONSEQUENCE
- RISK LEVEL
- EFFECTIVENESS ASSESSMENT

The Sustainable Water Management Plan include the information below:

- MAIN OUTCOMES FOR THE SITE
- OBJECTIVE
- DESCRIPTION
- ACTIONS
- STEPS
- RESPONSIBLE
- DEADLINE
- REALIZATION DATE
- STATUS
- COST
- RESULTS

The Sustainable Water Management Plan is reviewed at least annually and whenever it is deemed appropriate due to significant changes, new actions or any other circumstances that recommend it.

Estimates of severity and business impact are included in the assessment.

Obs 2022: The risk and opportunities assessment do not include the systematic to interpret the what

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

mean the different level of probability (high, medium and low) and consequence (high, medium and low).

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

Comment The site presents the analysis of WATER RISKS AND OPPORTUNITIES OF THE AREA.

Based on the outcome of the Risk Assessment, Liquats prepares the Sustainable Water Management Plan, which sets out Objectives associated to the two principal opportunities.

- A water reclamation plant is available but not at 100% of its potential.
- Obtain Alliance for Water Stewardship certification

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

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

Comment From the SWOT Analysis and Risk Assessment carried out, Liquats has determined the best practices to achieve the AWS outcomes which have been defined in the document "Bones pratiques AWS":

WATER GOVERNANCE

- Monitoring of water indicators and main consumers
- Meeting to monitor water indicators and analyse incidents.
- Periodic training of all factory personnel in management, good practices in their day-to-day work.
- Monitoring of water indicators in the GDP (Water efficiency working group)
- Communication of our commitment to water through corporate principles, environmental policy, etc.
- World Water Day
- Close collaboration with stakeholders
- Communication with neighbours through plant visits
- Communication with public administration regarding new needs or infrastructures

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

Comment From the SWOT Analysis and Risk Assessment carried out, Liquats has determined the best practices to achieve the AWS outcomes which have been defined in the document "Bones pratiques AWS":

WATER BALANCE

- Implementation of best practices and improvements to reduce water consumption.
- Analysis of water consumption trends and proposal of annual improvements - annual planning
- Review of the plant's water balance
- Control of piezometric well levels
- Participation in the "Water Round Table" with different entities in the basin.

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


CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348


Comment From the SWOT Analysis and Risk Assessment carried out, Liquats has determined the best practices to achieve the AWS outcomes which have been defined in the document “Bones pratiques AWS”:

- WATER QUALITY
- Monitoring of water consumption indicators (Water ratio)
 - Monitoring of water quality indicators (analytical)
 - Monitoring of water quality indicators for discharged water.
 - Carrying out environmental drills: PQ spill, spill into the river
 - The best practices defined in the Management BRC and IFS system.

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

Comment From the SWOT Analysis and Risk Assessment carried out, Liquats has determined the best practices to achieve the AWS outcomes which have been defined in the document “Bones pratiques AWS”:

MAINTENANCE OF IMPORTANT WATER-RELATED AREAS (IWRA)
 Look NC 2022 associated to 1.3.6 and 1.5.5

1.8.5 *Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.*  Yes

Comment From the SWOT Analysis and Risk Assessment carried out, Liquats has determined the best practices to achieve the AWS outcomes which have been defined in the document “Bones pratiques AWS”:

EQUITABLE AND ADEQUATE WASH
 Collaboration with neighbours by sharing information about sources in the area.
 Training workers in hygiene issues
 Collaboration with the town council for the improvement of the Viladrau supply network

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

2 STEP 2: COMMIT & PLAN - Commit to be a responsible water steward and develop a Water Stewardship Plan

- 2.1** *Commit to water stewardship by having the senior-most manager in charge of water at the site, or if necessary, a suitable individual within the organization head office, sign and publicly disclose a commitment to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and the allocation of required resources.*
- 2.1.1** *A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:*

 - *That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes*
 - *That the site implementation will be aligned to and in support of existing catchment sustainability plans*
 - *That the site’s stakeholders will be engaged in an open and transparent way*
 - *That the site will allocate resources to implement the Standard.*
- Comment: Developed “Compromís amb la Custodia de l’Aigua” 3.6_8.P_1.I, ver 1 from 21/04/22

Shown in their web page in “Compromiso/Compromís/Commitment” (in Spanish and Catalan) a text copy of what is written in 3.6_8. P_1. ; signed by Laura Erra (General Manager)

Link: <http://liquats.com/wp-content/uploads/2022/09/Comprom%C3%ADs-Intern-CAT.pdf>

Developed in 4 points that comply with the 4 indicators.

Mailed to Viladrau municipality and to Nestle
- 2.2** *Develop and document a process to achieve and maintain legal and regulatory compliance.*
- 2.2.1** *The system to maintain compliance obligations for water and wastewater management shall be identified, including:*

 - *Identification of responsible persons/positions within facility organizational structure*
 - *Process for submissions to regulatory agencies.*



Yes



Yes

Audit Number: AO-000348

Comment Develop and document a process to achieve and maintain legal and regulatory compliance. The system to maintain compliance obligations for water and wastewater management shall be identified, including:

- Identification of responsible persons/positions within facility organizational structure
- Process for submissions to regulatory agencies.

Developed the procedure “Gestió de la Normativa Aplicable” 3.2_14.P ver 4 from 14/06/19
In its point 5, scope, list those elements subject to regulations or technical instructions to be considered. consider only “legal” regulations that may affect those elements and company products.
No mention done to private requirements or standards (observation)
For Quality and food safety, use of external consultors, contracted with “Merieux NitriSciences Silliker Iberica S.A.U.,” via e-mail.
For Environment and Industrial Security, external consultor contracted with “ASECORP”. Warnings via e-mail
Specifically mentions that applicable technical norms as e.g., ISO for analysis techniques will be responsibility of the responsible technician
Annually an assessment is conducted of the legal compliance. Defined in “3.2_14.P_1.R Pla d’accions del compliment de requisits legals”
Last assessment done June 21 by Asecorp itself.
Àngels Sancho as responsible of the “Department de Riscos Laborals i Medi Ambient” is in charge for handling the information received.
All information found in web from ASECORP, where can be requested and filtrated.
Official communications from authorities go to “finance department” and is developed in the proceeding: “comunicació Interna i Externa 3.1_4P ver 1 from 28/06/19”.
Defined in point 5 “Gestió de les comunicacions” both internal as external communications and communication with authorities (“administració”); those are recorded in the form “Gestió Comunicacions Medi Ambient” 3.1_4.P 3R ver 2 from 1/10/21. Seen for instance issue letter from 7/09/22 from “Liquats Vegetals” to ACA (Official Catalan Government Administration for water issues “Agència Catalana de l’Aigua”) of well level and meter reading
In the legal compliance assessment action plan a section indicating the person who is responsible for carrying out the action has been included.

The auditor has analysed the organisation chart and the job description shown below:

- 6.5 v1 Enginyer-a Aigües
- 6.4 v1 Expert-a en Recursos Hídrics
- 3.2.3.4 v1 Enginyer Depuradora
- 7.1.1 V5 Tècnic-a PRL i MA
- 7.1 v7 Responsable PRL i MA

2.3 *Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.*

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



Yes

Comment Developed “Compromís amb la Custodia de l’Aigua” 3.6_8.P_1.I, ver 1 from 21/04/22
Shown in their web page in “Compromiso/Compromís/Commitment” (in Spanish and Catalan) a text copy of what is written in 3.6_8. P_1. ; signed by Laura Erra (General Manager)
Link: <http://liquats.com/wp-content/uploads/2022/09/Comprom%C3%ADs-Intern-CAT.pdf>
Developed in 4 points that comply with the 4 indicators.
Mailed to Viladrau municipality and to Nestle

Liquats company has defined the Sustainable Water Management Plan where the objectives, intermediate goals and actions have been included.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

2.3.2 *A water stewardship plan shall be identified, including for each target:*

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


Yes

Comment Understanding water risks to the site is one of the most important parts of the business case for water stewardship. Identifying the risks and addressing them will help the site to protect itself from any unexpected costs.

- The Sustainable Water Management Plan include the information below:
- MAIN OUTCOMES FOR THE SITE (AWS outcomes)
 - OBJECTIVE
 - DESCRIPTION
 - ACTIONS
 - STEPS
 - RESPONSIBLE
 - DEADLINE
 - REALIZATION DATE
 - STATUS
 - COST
 - RESULTS

The Sustainable Water Management Plan is reviewed at least annually (Management Review) and whenever it is deemed appropriate due to significant changes, new actions or any other circumstances that recommend it.

- The objectives analysed.
- To ensure water quality in accordance with the requirements and needs of our products. CONTINUOUS
 - To develop and invest in a more sustainable supply of water by prioritizing the supply of underground water. IN PROCESS.
 - OPTIMISATION OF WATER CONSUMPTION. REDUCTION OF THE WATER RATIO. The actions associated with reduction are COMPLETED and those associated with reuse are IN PROCESS.
 - Fulfilment of well A3 requirements. Control of the piezometric level and extraction head. FINISHED.
 - Increase wastewater treatment capacity Build and start up the new wastewater treatment plant with discharge into the public watercourse. COMPLETED
 - Adaptation of the outside area. Reduction of the risk of dumping and soil contamination. IN PROGRESS.
 - Increase communication regarding water custody. IN PROCESS

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

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment Based on the outcome of the Risk Assessment, Liquats prepares the Sustainable Water Management Plan, which sets out the Objectives associated with the two principal risks.

Risk: Limitation of the water purification capacity of the sewage plant
Objective: Increase wastewater treatment capacity. Build and start up the new wastewater treatment plant with discharge into the public watercourse. FINISHED

Risk: Climate Change: The lack of rain means a drop in Sorea's reserves and possible water restrictions. The EIA of the wells estimates water availability until 2051, concluding a reduction in rainfall in 5.3% and a reduction in water resources of 8-10%.
Objective: Optimisation of water consumption. Reduction of the water ratio. ONGOING

There is a project to restore water sources. The report prior to the resolution is analysed, assessing the definitive project to improve the surface catchments of the Puigdot sector presented by the VILADRAU TOWN COUNCIL to optimise the municipal supply and increase the total volume registered (Osona, Girona). This project was approved by the Catalan Water Agency. Work is being carried out jointly with Liquats and the supply company.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

3 STEP 3: IMPLEMENT - Implement the site’s stewardship plan and improve impacts

3.1 *Implement plan to participate positively in catchment governance.*

3.1.1 *Evidence that the site has supported good catchment governance shall be identified.* ✘
No

Comment: Liquats Vegetals participated in the 2020 "Taula de l'aigua". It is currently planning the organisation, together with the town council, of the "Taula de l'aigua" 2022, in which the interested parties are involved.

There is also a project to restore water sources. The report prior to the resolution is analysed, assessing the definitive project to improve the surface catchments of the Puigdot sector presented by the VILADRAU TOWN COUNCIL to optimise the municipal supply and increase the total volume registered (Osona, Girona). This project was approved by the Catalan Water Agency. Work is being carried out jointly with Liquats and the supply company.

It is analysed, in the management plan, where the objectives associated with water quality (AWS scope) have been identified. Liquats has defined:

- 12 Objectives.
- 36 partial goals.
- 38 actions (17 finished, 13 in process, 6 continuous and 2 option discarded).

NC 2022: The communications they have had with the Montseny Natural Park and with the City Council as important stakeholders in the good governance of the basin have been verified, but the same relations have not been maintained with the Catalan Water Agency as the highest authority responsible for water policy in the basin.

Finding No: TNR-001699

3.1.2 *Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.* ✔
Yes

Comment: The site during the identification of stakeholders indicates that "due to the social organisation and laws in force in Spain, women, minorities, vulnerable and indigenous groups are not considered in a differentiated way in terms of water management, so there are no differentiated Stakeholders representing these social groups". Therefore, no specific measures are implemented for the groups of people defined in this indicator.

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

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

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)


Audit Number: AO-000348

Comment Liquats is IFS, BRC and ISO 14001 certified and accredited 1355/LE2150.
- IFS and BRC certification
- ISO 14001 certificate
- Accreditation 1355/LE (Quality control laboratory)
- Compliance, as described in 1.5 and 2.2.1, is analysed for applicable legislation issues.
- Statutory audits are carried out annually. 2021 report.

No non-compliance with legal requirements has been identified during the audit.

The degree of compliance was 100%.

In the interview with stakeholders, no legal non-compliances were reported to the audit team.

3.2.2 *Where water rights are part of legal and regulatory requirements, measures identified to respect the water rights of others including Indigenous peoples, shall be implemented.* 
Yes


Comment The governance system is governed by a broad regulatory framework that provides the necessary legal coverage for water management and the protection and conservation of water bodies. Spanish legislation establishes that in order to use water, a permit is required from the competent administration, defined in the Water Law and known as an administrative concession. The administrative concession is therefore the title that legitimizes the use of surface water or groundwater under certain conditions. The resulting legal titles are registered in the Water Register. As a result of the water legislation in force until 1985, there are also groundwater users who opted to remain in the private property regime, and whose rights are registered in the Catalogue of Private Waters.

The resolution of concession of fees, transportation, production, water use and discharge were analysed.

The challenges shared with the stakeholders were analysed.

In the interview with stakeholders, no water rights non-compliances about were reported to the audit team.



3.3 *Implement plan to achieve site water balance targets.*

3.3.1 *Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.* 
Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)





Audit Number: AO-000348

Comment	<p>The presentation to the management of the water-saving team is analysed.</p> <p>A water expert (David Bonilla) has been engaged to work on water improvements from a legal and technical perspective.</p> <p>The main actions implemented were (September to November 2021 - reduce phase):</p> <ul style="list-style-type: none"> - Adjust refrigeration. This resulted in a reduction of 914 m3. - Adjust refrigeration. This resulted in a reduction of 912 m3. - Boilers and towers. This resulted in a reduction of 1280 m3. <p>Total: 3106 m3 reduction.</p> <p>Improvement actions were divided into two phases: Phase 1: Reduce and Phase 2: Reuse.</p> <p>The objective of 2021 was to reduce the ratio by 12% compared to 2020 by the end of the year. October, November and December were closed at -6%, -15% and -18% respectively. The year 2021 was concluded with an accumulated ratio of -5%. The objective for 2022 is to the year with a ratio of -19%. It should be clarified that when the reverse osmosis and bottling projects are completed, -19% will be achieved.</p> <p>INVESTMENTS-PROJECTS</p> <ul style="list-style-type: none"> - Reverse osmosis. The deadline for completion is January 2023. - Recovery of refrigeration in the packaging. Mid to late February 2023 is foreseen for the start-up. - CIP recovery in UHT Phase 1. <p>All these investments suppose the reduction of the ratio by -14%</p> <p>Document: Water management plan (1.6)</p>	
3.3.2	<p><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></p>	 Yes
Comment	<p>The site presents the AWS Manual Document which describes its policies including the development of an annual action plan with specific objectives.</p> <p>The site identified water scarcity as a shared challenge and defined 1 objective, 4 partial goals, and 15 actions (10 finished, 4 in process and 1 option discarded).</p> <p>The trends of some indicators have been analysed in the indicator 3.3.1 and the documents shown below:</p> <ul style="list-style-type: none"> - 3.6_8.P_5.1 ver 1 Evolució rati - AWS - proyecto osmosi inversa - Objectius Rati vs inversió - Registre Milllores Aigua - Resum mensual 	
3.3.3	<p><i>Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.</i></p>	 Yes
Comment	<p>Spanish law does not give the site legal competence to reallocate water for social, cultural or environmental needs.</p>	
3.4	<p><i>Implement plan to achieve site water quality targets</i></p>	

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

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>It is analyzed, in the management plan, where the objectives associated with water quality (AWS scope) have been identified. Liquats has defined:</p> <ul style="list-style-type: none"> - 1 Objective. - 3 partial goals. - 4 actions (all are continuous actions). <p>Document: Water management plan (1.6)</p>	
3.4.2	<i>Where water quality is a shared water challenge, continual improvement to achieve best practice for the site's effluent shall be identified and where applicable, quantified.</i>	 Yes
Comment	<p>Liquats is IFS, BRC and ISO 14001 certified and accredited 1355/LE2150.</p> <ul style="list-style-type: none"> - IFS and BRC certification - ISO 14001 certificate - Accreditation 1355/LE (Quality control laboratory) <p>Ensure water quality in accordance with the requirements and needs of our products and 4 partial goals and 4 actions related to water network quality, well water quality, and secondary water supplies quality. All these are continuous actions.</p> <p>On the other hand, regarding the objectives associated to discharge water quality, the company has defined 1 objective with 2 partial goals and 2 actions related.</p> <p>Construction and commissioning of the new treatment plant with discharge into a public watercourse. Construction of new WWTP. Finished. Reduction of the risk of dumping and soil contamination. Asphaltting of the entire external perimeter of the factory. In progress.</p> <p>Document: Water management plan (1.6)</p>	
3.5	<i>Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.</i>	
3.5.1	<i>Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.</i>	 No
Comment	<p>NC 2022: Liquats has not defined an objective associated with the important water-related ones. the company has provided documentation of hydrogeological technical assistance in the work of compensatory measures for the increase of Sauló (sand) in the "Viladrau major river (2019) but has not defined which are the important water-related ones and has not established objectives associated with them in the water management plan.</p> <p>Document: Water management plan (1.6)</p>	
		Finding No: TNR-001700
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>	

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment Liquats Vegetals has a water management procedure, as well as a water quality control plan that determines the frequency of sampling and the parameters to be controlled. The company is IFS, BRC and ISO 14001 certified and accredited 1355/LE2150.

- IFS and BRC certification
- ISO 14001 certificate
- Accreditation 1355/LE (Quality control laboratory)
- Statutory audits are carried out annually. 2021 report.

The mains water is analysed by the company in charge of the supply (SOREA), which sends the results on a regular basis.

All the water supplies are analysed internally and annually by an external laboratory.

Wastewater is monitored internally on a daily basis and monthly by an external company (Depurtech).

An internal register is available, as well as the reports of the external analyses that can be sent if necessary, otherwise, they will be shown on the day of the visit.

Considering the Quality Control of Liquats, it is necessary to respond to the legal requirements regarding Water for Human Consumption, and more specifically to Royal Decree 140/2003, which establishes the sanitary criteria for the quality of water for human consumption, including the modifications made by RD 314/2016 and RD 902/2018.

Some examples of water quality control were compliance with the articles:

- 2.1. Scope of application.
- Drinking water quality requirements
- Article 16. Laboratory requirements.
- Types of analytical controls.
- Frequency of controls and analyses.

In order to respond to these requirements, and others defined internally in relation to Process Water and Waste Water, the Quality Assurance Department of Liquats has defined the procedure 3.2_1.P ver 14 Procediment de Gestió de l'aigua and 3.2_1.P_1.I ver 9 Pla de control de l'aigua potable. The procedure 3.6_4.P Treatment plant and waste water control is being updated by the treatment plan responsible.

There was an interview with the Quality department: microbiology specialist and water specialist. Both dedicated to monitor microbiology and physical-chemical parameters, included chlorine.

Procedure documented as "Pla de Control de l'aigua potable" 3.2_1P_1.I ver 9 del 14/04/22" develops the analytical plan in the factory:

Own Made measures:

Daily Measures.

Chlorine: areas sampled: sanitary water and chlorine water; descalers, reception Tank; osmotic water. Daily measures for "total and free" chlorine.

Chlorine (free and total) is also checked on daily basis in treated water (the one used for production

Hardness and conductivity

Tritimeric control method; control points in the treated chlorate tanks, water softener and two more chlorinated water tanks. The hardness of the main deposits after treatment is checked.

ATP control (organic matter measurement)

Luminometric method. made control on water for sanitary purposes, chlorinated (any use other than production) and treated (for production). The presence of MO is sought - the parameters are the ones developed by them –

pH control, they are the same as for ATP: sanitary, chlorinated and treated

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Organoleptic, sensory analysis for Sanitary, reception tank: tasted, visual review: checked for suspensions or turbulence
Monthly part of micro/ phys-chem

All deposits are looked at: chlorinated, treated, sanitary, osmotic, chlorinated (deposit 1 and deposit 2) and reception tank

Taps, 10 each month, rotating until at the end of the year they have all been done.

External Analysis: once per year according to "Real Decreto 140/2003". Water supplier Sorea, own analysis; and from their well, use of lab "Oliver Roders". Complete Analysis of Radioactivity, by the external lab on a stipulated sample bases

Others: ACI, internal network control analysis on water from the network and tanks, made randomly with a frequency of one every 5 years according to RD 140/2003.

Well disinfection and cleaning

In case of contamination: biofouling incrustations; or microbiological contamination

Analysis and labs:

Supplier lab: Ematsa lab, accreditation ENAC142/LE354. (supplier "SGAB Viladrau -Sorea-). Analysis according to RD 140/2003

Nitrates and ammonium are the riskiest parameters (phy-chem parameters controlled according to RD) Daily meetings are made with the quality department to survive analysis results

On the analysis reports the different results are compared to the acceptable levels of critical parameters (e.g., heavy metals)

External labs do the sampling:

Oliver Rodés (only for samples from their own well)

ENAC 251/LE510 for physical-chemical (including pesticides, heavy metals), micro (coliforms, clostridium perfringes, enterococs, E Coli and aerobical microorganisms at 22 °C)

Phytocontrol laboratorio de análisis: ENAC 282/LE567 and 282/LE590.

Phytocontrol Waters: Cofrac nº 1-6066

Same parameters as for those with "Oliver Rodés"

Own Analysis

They follow an internal proceeding for sampling (in "presa mostres Estèrils per Microbiologia" 3.2.8_11.P_11.I rev 3 del 12/03/16). E.g., rinsed and passed with flame (3x) in order to clean and disinfect the taps and let the water run in order to take the sample

The sample recording includes date, hour and place where the samples are taken. Recorded in Excel where the results of the analysis are shown (form 3.2:1.P_4R that comes from proceeding "3.2_4.P anàlisis de producte)

In order to control "chlorine, pH and conductivity" monitoring is done in reception tank, osmotitzada/recuperada (water to be reused to refrigerate purposes) and clorada"

Turbidity of rainwaters are monitored with a turbidimeter in "rainwater deposit" and according to "levels" let go to river or to purifier plant.

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


Yes

Comment In the interviews with stakeholders, it was communicated that the water assessment reflects that there is no impingement on the human right to safe water and sanitation. Rather, the site is improving access to safe drinking water.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

- 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.* 🔍
Obs.

Comment: Observation 2022: The site is already in dialogue with the supplier about the technological change to be implemented by the suppliers, but answers have not been received.
- 3.7.2** *Evidence of engagement with suppliers and service providers, as well as, when applicable, actions they have taken in the catchment as a result of the site's engagement related to indirect water use, shall be identified.* ✅
Yes

Comment: Look observation of the indicator 3.7.1
- 3.8** *Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.*
- 3.8.1** *Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.* ✅
Yes

Comment: Liguats Vegetals participated in the 2020 "Taula de l'aigua". It is currently planning the organization, together with the town council, of the "Taula de l'aigua" 2022, in which the interested parties are involved.

There is also a project to restore water sources. The report prior to the resolution is analyzed, assessing the definitive project to improve the surface catchments of the Puigdot sector presented by the VILADRAU TOWN COUNCIL to optimise the municipal supply and increase the total volume registered (Osona, Girona). This project was approved by the Catalan Water Agency. Work is being carried out jointly with Liguats and the supply company.
- 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

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment The Good Practices document indicates the implementation and frequency of actions to ensure good water governance.

- Look 1.8.1 good practices AWS

Water management plan – Objective related to water governance: To develop and invest in a more sustainable supply of water by prioritizing the supply of underground water. The actions are:

- Improving the state of the Sorea supply network (PUIGDOT water network). In process.
- New wells in the lower part of the basin (proposed 5). In study.
- New wells (outside protected areas) in Molin's field. In process

From the SWOT Analysis and Risk Assessment carried out, Liguats has determined the best practices to achieve the AWS outcomes which have been defined in the document “Bones pràctiques AWS”:

WATER GOVERNANCE

- Monitoring of water indicators and main consumers. Continue. Has been analyzed in the audit.
- Meeting to monitor water indicators and analyze incidents. Continue. Has been analyzed in the audit.
- Periodic training of all factory personnel in management, and good practices in their day-to-day work. Audited training record and powerpoint FORMACIO MA - OFICINAS-R+D+I.
- Monitoring of water indicators in the GDP (Water efficiency working group). Continue. Has been analysed in the audit.
- Communication of our commitment to water through corporate principles, environmental policy, etc. Has been analyzed in the audit.
- World Water Day. Has been analyzed the document “EL LIQUAT#18 (pla sos i equip aigua)”.
- Close collaboration with stakeholders. Analyzed in the interviews with the stakeholders.
- Communication with neighbors through plant visits was Analysed in the interviews with the stakeholders.
- Communication with public administration regarding new needs or infrastructures. Analyzed in the interviews with the stakeholders.

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

Comment The site presents the AWS Manual Document which describes its policies including the development of an annual action plan with specific objectives.

The site identified water scarcity as a shared challenge and defined 1 objective, 4 partial goals, and 15 actions (10 finished, 4 in process, and 1 option discarded).

The trends of some indicators have been analyzed in indicator 3.3.1 and the documents shown below:

- 3.6_8.P_5.I ver 1 Evolució rati
- AWS - proyecto osmosi inversa
- Objectius Rati vs inversió
- Registre Millores Aigua
- Resum mensual

From the SWOT Analysis and Risk Assessment carried out, Liguats has determined the best practices to achieve the AWS outcomes which have been defined in the document “Bones pràctiques AWS”:

WATER BALANCE




- Implementation of best practices and improvements to reduce water consumption.
- Analysis of water consumption trends and proposal of annual improvements - annual planning
- Review of the plant's water balance
- Control of piezometric well levels
- Participation in the "Water Round Table" with different entities in the basin.

Look at indicator 3.3.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

3.9.3	<i>Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.</i>	 Yes
Comment	<p>Liquats is IFS, BRC and ISO 14001 certified and accredited 1355/LE2150.</p> <ul style="list-style-type: none"> - IFS and BRC certification - ISO 14001 certificate - Accreditation 1355/LE (Quality control laboratory) <p>Ensure water quality in accordance with the requirements and needs of the products and 4 partial goals and 4 actions related to water network quality, well water quality, and secondary water supply. All these are continuous actions.</p> <p>On the other hand, regarding the objectives associated to discharge water quality, the company has defined 1 objective with 2 partial goals and 2 actions related.</p> <p>Construction and commissioning of the new treatment plant with discharge into a public watercourse. Construction of new WWTP. Finished. Reduction of the risk of dumping and soil contamination. Asphalting of the entire external perimeter of the factory. In progress.</p> <p>From the SWOT Analysis and Risk Assessment carried out, Liquats has determined the best practices to achieve the AWS outcomes which have been defined in the document "Bones pratiques AWS":</p> <p>WATER QUALITY</p> <ul style="list-style-type: none"> - Monitoring of water consumption indicators (Water ratio). Continuous. - Monitoring of water quality indicators (analytical). Continuous - Monitoring of water quality indicators for discharged water. Continuous - Carrying out environmental drills: PQ spill, spill into the river. Continuous - The best practices defined in the Management BRC and IFS system. Continuous <p>Look indicator 3.6.1</p> <p>Document:</p> <ul style="list-style-type: none"> - Water management plan (1.6) 	
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
Comment	<p>Look non-conformite of the indicator 3.5.1.</p> <p>From the SWOT Analysis and Risk Assessment carried out, Liquats has determined the best practices to achieve the AWS outcomes which have been defined in the document "Bones pratiques AWS":</p> <p>MAINTENANCE OF IMPORTANT WATER-RELATED AREAS (IWRA)</p> <p>Look NC 2022 associated to 1.3.6 and 1.5.5</p>	
3.9.5	<i>Actions towards achieving best practice related to targets in terms of WASH shall be implemented.</i>	 Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment On the other hand, regarding the objectives associated to WASH, the company has defined 1 objective with 1 partial goal and 1 action implemented all of them.

From the SWOT Analysis and Risk Assessment carried out, Liquats has determined the best practices to achieve the AWS outcomes which have been defined in the document "Bones pratiques AWS":

EQUITABLE AND ADEQUATE WASH

Collaboration with neighbors by sharing information about sources in the area.

Training workers in hygiene issues

Collaboration with the town council for the improvement of the Viladrau supply network

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

4 STEP 4: EVALUATE - Evaluate the site's performance.	
4.1	<i>Evaluate the site's performance in light of its actions and targets from its water stewardship plan and demonstrate its contribution to achieving water stewardship outcomes.</i>
4.1.1	<i>Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.</i> ✔ Yes
Comment	<p>It is analyzed, in the management plan, where the objectives associated with water quality (AWS scope) have been identified. Liquats has defined:</p> <ul style="list-style-type: none"> - 12 Objectives. - 36 partial goals. - 38 actions (17 finished, 13 in process, 6 continuous and 2 options discarded). <p>It should be noted that the results are diverse, such as a study or diagnosis, or an economic or technical proposal. They can result in water savings, improved water governance or project development, and the construction of infrastructure. The proposed objectives include all outcomes of sustainable water management.</p> <p>Annually the company developed a management review where the actions associated with the water management plan, risk and opportunities assessment, and water KPI are analyzed.</p> <p>The water manager presents the trend of the different water indicators related to the water balance to the director monthly.</p>
4.1.2	<i>Value creation resulting from the water stewardship plan shall be evaluated.</i> ✔ Yes
Comment	<p>The company has estimated savings of 13%/year.</p> <p>Including these processes: reverse osmosis, TP recovery and CIPs, UHT, F1 recovery.</p> <p>The final savings will analyzed in the annual management review.</p>
4.1.3	<i>The shared value benefits in the catchment shall be identified and where applicable, quantified.</i> ✔ Yes
Comment	The benefits of shared value in the basin are detailed in the Water Management Plan (see point 2.3.2).
4.2	<i>Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.</i>
4.2.1	<i>A written annual review and (where appropriate) root-cause analysis of the year's emergency incident(s) shall be prepared and the site's response to the incident(s) shall be evaluated and proposed preventative and corrective actions and mitigations against future incidents shall be identified.</i> ✔ Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Comment No water-related emergency incidents have occurred during the last two (2) years.

Incidents are recorded, evaluated and corrective actions are put in place.

One incident occurred in 2020. A communication sent to the Regional Council and the report of the Regional Council's conclusions have been analysed and the situation is controlled.

The incident is analysed in the 2020 management review document.

Periodic drills are carried out from which conclusions are drawn and, if necessary, the Self-Protection Plan is revised or updated.

- Incident at the wastewater treatment plant
- Report from the Regional Council
- E.g. Spill simulation 2021

Even when minor disruptions in Liquats water distribution have taken place due to their own maintenance, Liquats has its own water reserves or its other water sources to continue with production as planned.

There is a self-protection manual based on the PAU. Look 1.3.1 indicator.

Improvement in the preparation and coordination of response to possible emergencies.

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

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


Yes

Comment The feedback regarding the future catchment points can be seen in the responses from the Catalan Water Agency and the OTAA.

Regarding the new wastewater treatment plant, there is a response from the ACA with the construction permit and the permit to discharge into a public watercourse.

There is a register with continuous communications with the administration.

We are working with the Town Council to convene a new session of "la Taula de l'aigua".

Between 2 and 3 visits are organized to the Liquats facilities where information is provided on Liquats Vegetals (vision, mission, commitment, plant visit, and comments and contributions are received from attendees). You can review the presentation, photos, and list of attendees.

Look 1.5.1 and 1.5.2

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

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


Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)



Audit Number: AO-000348

Comment The Resilience Plan is monitored and updated as follows:

- Monitoring: The monitoring of the actions proposed is carried out in accordance with the frequency defined in the Sustainable Water Management Plan, with evidence of this being included in the Plan itself.
- Updating: As with all the previous elements that give rise to the Resilience Plan, such as the Analysis of Shared Challenges, the Context Analysis, the Risk Assessment, the Sustainable Water Management Plan, and the Self-Protection Plan, it is reviewed annually in the management review.

The water stewardship plan is maintained as a live document that gets updated with performance and where new actions are added. It is clear the document has been updated and easy to trace when and what was updated.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)






Audit Number: AO-000348

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>
Comment	<p>The company's Sustainability Plan, which includes a section on water management, is published on the Liguats Vegetals website.</p> <p>The EINF has been presented in 2022, this public document includes information on water management.</p> <p>Liguats has a Water Stewardship Commitment, which is published on the Liguats Vegetals website.</p> <p>www.liquats.com</p> <p>See 2.1.1</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>
Comment	<p>Developed "Compromís amb la Custodia de l'Aigua" 3.6_8.P_1.I, ver 1 from 21/04/22.</p> <p>Shown on their web page in "Compromiso/Compromís/Commitment" (in Spanish and Catalan) is a text copy of what is written in 3.6_8. P_1. ; signed by Laura Erra (General Manager) Link: http://liquats.com/wp-content/uploads/2022/09/Comprom%C3%ADs-Intern-CAT.pdf</p> <p>Developed in 4 points that comply with the 4 indicators.</p> <p>Mailed to Viladrau municipality and to Nestle</p> <p>Liguats company has defined the Sustainable Water Management Plan where the objectives, intermediate goals, and actions have been included.</p> <p>OBS 2022: The company has started but has not finished communicating the sustainable water management plan to the stakeholder (mailed to Viladrau municipality and to Nestle). The company has planned to communicate this plan in the "Taula de l'aigua - 2022".</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>
Comment	<p>This is the initial Audit. The company has established a systematic to disclose annually at a minimum.</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>

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

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>The main initiatives of the plant are the construction of the new WWTP and the plan to build new wells for future extractions.</p> <p>A press release was published in a local newspaper informing about the construction of the new WWTP.</p> <p>https://el9nou.cat/osona-ripolles/general/liquats-vegetals-inverteix-en-una-nova-depuradora-daigua/ - See 1.5.1 EIA - See 1.3.7 WWTP permit</p>	
5.4.2	<i>Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.</i>	 Obs.
Comment	<p>The company has started to identify the efforts made by the site to engage stakeholders and coordinate and support public-sector agencies but this process has not finished yet.</p>	
5.5	<i>Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.</i>	
5.5.1	<i>Any site water-related compliance violations and associated corrections shall be disclosed.</i>	 Yes
Comment	<p>No water-related emergency incidents have occurred during the last two (2) years.</p> <p>Incidents are recorded and evaluated and corrective actions are put in place.</p> <p>One incident occurred in 2020. A communication sent to the Regional Council and the report of the Regional Council's conclusions have been analyzed and the situation is controlled.</p>	
5.5.2	<i>Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.</i>	 Yes
Comment	<p>The incident is analyzed in the 2020 management review document.</p> <p>Periodic drills are carried out from which conclusions are drawn and, if necessary, the Self-Protection Plan is revised or updated.</p> <ul style="list-style-type: none"> - Incident at the wastewater treatment plant - Report from the Regional Council - E.g. Spill simulation 2021 <p>Even when minor disruptions in Liquats water distribution have taken place due to their own maintenance, Liquats has its own water reserves or its other water sources to continue with production as planned.</p> <p>There is a self-protection manual based on the PAU. Look 1.3.1 indicator.</p> <p>Improvement in the preparation and coordination of response to possible emergencies.</p>	
5.5.3	<i>Any site water-related violation that may pose significant risk and threat to human or ecosystem health shall be immediately communicated to relevant public agencies and disclosed.</i>	 Yes
Comment	<p>Look 5.5.1</p>	

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000348

Photographic Evidence from Audit



Yes



Foto 1.jpg