



Alliance for Water Stewardship Assessment Report
Prepared for Nestlé España S.A.
(Fábrica de Miajadas)
(AWS-000196)

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1 EXECUTIVE SUMMARY

The scope of services covers the conformity assessment of water use in compliance with the AWS International Water Stewardship Standard (Version 2.0) for Nestlé España, S.A., Miajadas Factory (hereinafter referred to as “the site”) located at N- V, Km 224, – 10100 Miajadas (Cáceres), in Spain.

The assessment has been completed in compliance with the AWS Certification requirements, Version 2.0 dated March 2019.

The site started operating in 1977 as a food production (tomato sauces) plant.

On March. 4th and 5th, 2020, SGS, Tecnos, S.A.U., (hereinafter referred to as “SGS”) conducted the conformity assessment for site’s facilities and activities with regard to certification to the AWS Standard. A total of five findings were raised during the course of the audit process, and they were categorized as four observations and one opportunity for improvement.

Given the review of evidence produced and site visit inspections performed at the NESTLÉ ESPAÑA, S.A., Miajadas Factory, SGS recommends that NESTLÉ ESPAÑA, S.A., Miajadas Factory, is awarded AWS Gold Certified status with a surveillance audit interval of annual frequency.

2 SCOPE OF ASSESSMENT

The scope of services covers the conformity assessment of water use in compliance with the AWS International Water Stewardship Standard (Version 2.0) for Nestlé Miajadas Factory (hereinafter referred to as “the site”) located at N – V , km 294 – 10100 Miajadas (Cáceres), in Spain.

The assessment has been completed in compliance with the AWS Certification requirements, Version 2.0 dated March 2019.

On March. 4th and 5th, 2020, SGS conducted the conformity assessment of site’s facilities and activities with regard to certification to the AWS Standard. Table 2.1 presents SGS audit team. The audit plan is attached as a separate document.

Audit Team	Qualifications/Experience	
Paula Gómez	Team Member	AWS certified auditor, with more than 15 years experience in environmental impact assessment, audit and training.
Carmen Martínez	Team Member	AWS certified auditor, with more than 5 years experience in environmental impact assessment, audit and training.
Iñigo Fernández	Hydrogeologist	Expert Technician
Jerónimo Casas de Gonzalo	Technical Reviewer	AWS certified auditor and Accreditation Manager.

Table 2-1:SGS Audit Team

During the conformity assessment, the audit team spent 0,5 day on the stakeholder consultation meeting, and 1,5 day on the inspection of site’s installations and activities in its food production plant, together with personnel interviews and document reviews.

Site provided most of the requested supporting documentation as evidence on site. SGS provided initial feedback on the gaps between site’s current management and the level required by the standard during the closing meeting of the conformity assessment on March 5th, 2020.

3 STAKEHOLDER ANNOUNCEMENT AND CONSULTATION

Following the AWS Certification Requirements, before the on-site conformity assessment, site’s prepared a stakeholder announcement, which stated intention to pursue AWS certification.

The date of the audit as well as contacts (auditor name and his mail), were published in the City Hall dashboard in order to any local interested people could attend as well as in its Facebook webpage:

[https://www.facebook.com/Ayuntamiento-De-Miajadas-849997821733204/?_tn_=_kC-R&eid=ARBo_aRM1nUnoVHYIUyzqUnhEmazZRSOyV_3R6JexuN2bcLP6K5UlsjRmBX2VRx21oASGMzYL2f0T5gV&hc_ref=ARRnZtXx_dOa3h6QzrKjmTpSt5bd2ozFLURyjb-d_G2qYXH7n5E9d6Gwqu1GFykrNz0&fref=nf&_xts__\[0\]=68.ARD6CybBI_3Y-WNH0sy9l5NGuzxiVnDfwBIOEcVEtUZq7u1NQUHsDNxqRfYS2BIAkbGlgTxapbRYnjgZJhFRcvi78u-c7Zq4i6U7qRqZ2Bp80bVp_5teLTFLqVMbViSozpdV12UgReu1Wx6kVh99SBJLZYDbSuFckw_f3lpuaJPIbDQldpj2g5j6PMHqpPbetRalDCFJwh8Tn9cl7sPAKJQgnCgxGJ85O5b75YZ29r2C-BVVmsmfFYnu8FYpgb6mBFGRF4NRPlzuEQUro1i-ujEFO7ZulLgrXP1-Dflo_Qt_KpHZuEtUclYR-vhYqYwzgmBdi-DF955SM3EBc8kgbE0Rw](https://www.facebook.com/Ayuntamiento-De-Miajadas-849997821733204/?_tn_=_kC-R&eid=ARBo_aRM1nUnoVHYIUyzqUnhEmazZRSOyV_3R6JexuN2bcLP6K5UlsjRmBX2VRx21oASGMzYL2f0T5gV&hc_ref=ARRnZtXx_dOa3h6QzrKjmTpSt5bd2ozFLURyjb-d_G2qYXH7n5E9d6Gwqu1GFykrNz0&fref=nf&_xts__[0]=68.ARD6CybBI_3Y-WNH0sy9l5NGuzxiVnDfwBIOEcVEtUZq7u1NQUHsDNxqRfYS2BIAkbGlgTxapbRYnjgZJhFRcvi78u-c7Zq4i6U7qRqZ2Bp80bVp_5teLTFLqVMbViSozpdV12UgReu1Wx6kVh99SBJLZYDbSuFckw_f3lpuaJPIbDQldpj2g5j6PMHqpPbetRalDCFJwh8Tn9cl7sPAKJQgnCgxGJ85O5b75YZ29r2C-BVVmsmfFYnu8FYpgb6mBFGRF4NRPlzuEQUro1i-ujEFO7ZulLgrXP1-Dflo_Qt_KpHZuEtUclYR-vhYqYwzgmBdi-DF955SM3EBc8kgbE0Rw)



Figure 1 Information Disclosure posted on Miajadas City Hall site’s in Facebook

Besides submitting to AWS for publication on the AWS website, the stakeholder announcement was also posted on site's website:

<https://empresa.nestle.es/es/cvc/agua-y-gestion-medioambiental/gestion-agua>

Certificación Alliance for Water Stewardship[®] en la fábrica de Miajadas, Extremadura

- Compromiso local de liderazgo en custodia de agua en la fábrica de Miajadas.
- Invitación pública a auditoría para stakeholders en la fábrica de Miajadas.

Figure 2 Information Disclosure posted on site's webpage

The site has also sent invitations to all the stakeholders identified.



Figure 3 Stakeholder invitation

During the conformity assessment, only two stakeholder (CONESA and Fundación Global Natur) participated to the consultation. They confirmed a good water governance from NESTLE ESPAÑA, S.A., Miajadas Factory. They focused their comments about actions under SOLIS PROJECT, and the actions promoted by NESTLE with farmers due to get a responsible use of water.

Ahead of the on site audit, the site held several stakeholder meetings. Evidence of these meetings and forums were showed during the assessment. Some of them are listed below:

Local stakeholders meetings	
AWS Presentation Meeting and Water Usage Feedback*	November 2019 With Mayor and City Councillor of Miajadas
AWS Presentation Meeting and Water Usage Feedback*	November 2019 With Orellana Canal users community
AWS Presentation Meeting and Water Usage Feedback*	November 2019 With Global Nature Foundation
AWS Presentation Meeting and Water Usage Feedback*	November 2019 With Conesa (tomato supplier)
Meeting follow-up project results "Solís Responsible"	June 2019 Nestlé-Conesa
Plant electrochlorination project communication - abnormal values of chlorinates in Canal water	July 2019 Secretary of the Community Users of Orellana Canal
Signing act of Entrusting Orellana Canal Management between CHG and Community of Canal Users	March 2019 Secretary of the Community Users of Orellana Canal

Nestlé participation in forums	
Jornada "Aprovisionamiento sostenible - una responsabilidad compartida"	October 29 th , 2019 Madrid
AWS Canet 2019	October 2019 Water Stewardship
AWS Seminar and advanced training in AWS Standard	June 2019 Cologne (Germany)
Environmental conference: "el sector de las aguas minerales y la economía circular"	October 16 th , 2018 Madrid

Table 3-1: Stakeholder meetings and Forums

4 DESCRIPTION OF CATCHMENT

General scope

NESTLÉ Miajadas factory is located in the Guadiana Basin. The Guadiana basin is located in the south west of Iberian Peninsula and it covers 67.129 km², which 11.621 km² belong to Portugal and 55.508 km² belong to Spain.

It composes a territory of rainy areas and dry zones that has 33.707 km of river network.

The Guadiana basin has a total of 336 water bodies which are 316 surface water bodies and masses and 20 are groundwater masses.

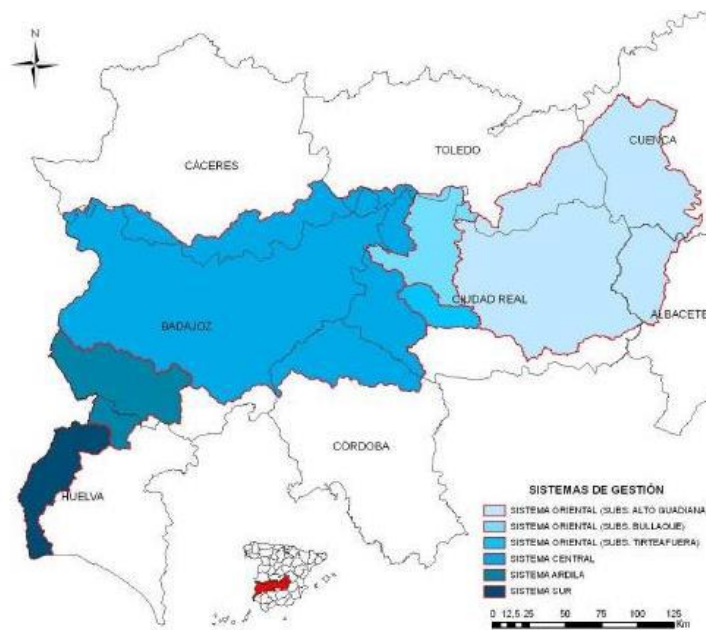


Figure 4: Location Guadiana Basin

The main demands and uses in Guadiana Basin are :

- WASH
- Irrigation
- Industrial

Miajadas factory is located in Guadiana river basin, highlighting the following key points:

- Orellana Canal (an artificial watercourse built in the fifties)
- Guadiana River
- Orellana swamp (It regulates the flow in the watercourse).



Figure 5: Location Miajadas Factory

Despite belonging to the Guadiana basin, the site doesn't have direct or indirect interaction with the Guadiana river since the water is not captured directly from this source (surface or ground water) neither the final water discharge is to the river.

The site takes water directly from Orellana Canal. Orellana Canal gives water for irrigation and factories. Most of this water is used for crops.

The Guadiana basin size is more than 67 millions of km² against the only 0,185 square km² the site, and the yearly average input in the basin is 4.430 hm³ when the maximum factory consumption is 0,0001087 hm³. So, the site has focused its actions and best practices in the value chain, tomato crops, CONESA (primary tomato producer) and NESTLE as secondary tomato producer.

Orellana Canal has a length of 115 km, it is born in Orellana swamp. Its characteristics are the following:

- Capacity : 60,95 m³ / s
- Length: 115 km
- Irrigation ditches length 1.746 km
- Area: 55.000 ha

Orellana Swamp

Orellana Swamp is a reservoir on the Guadiana River, located in Badajoz (Spain). (It's the bigger located in the middle section of the river). It is regulated by other two Swamps, García de Sola and Cijara, and water is transferred from Zújar and La Serena rivers.

Orellana Swamp was built within Badajoz Plan in the fifties in order to supply water to the irrigated areas in Badajoz.

It belongs to the wetlands list established in the RAMSAR CONVENTION. In 1989 this area is classified as a Special Protection Area for Birds. In 1998 it is included in NATURA 2000 as a Special Conservation Zone.



Figure 6 Orellana Swamp

Orellana Dam

It is located in the municipality of Orellana La Vieja, it's the third of the great Guadiana Dams. The swamp has a capacity of 808 hm³, this water is considered of low quality as drinking water because is relatively hard, but it is excellent for fish (especially cyprinids).

In 1.992 this swamp has been included in the Ramsar List of Wetlands of International Importance for Waterfowl.

The Orellana dam is located in a closed topographically unfavorable, with little basin of own contribution 446 km² and whose filling, therefore, depends on the dams located upstream (Garcia de Sola anda Cijara).

On the other hand, the high intake level of the Orellana Canal, which supplies water to the irrigated area of the same name, has always allow the swamp to be a significant volume of water, which rarely falls below 50%.

This swamp constitutes one of the best examples of integration of irrigated uses, water supplies and energy production, others activities are fishing, bathing and navigation, presence of birds in addition of regulation and flood prevention.



Figure 7 Orellana Dam

There are several swamps and reservoirs in the region, it allows to distribute the water resources as an essential good for human consumption, as well as the proper use of agriculture.

There are in the region 35 supply dams, 5 irrigated dams and 2 with other functions. The total capacity of Extremadura is 14.300 hm³

Extremadura region has two provinces, Cáceres and Badajoz, the swamps are located mainly in river Canals and are located in all little villages more or less homogeneously.

The storage, distribution and water purification present risk of structural damage due to extrem weather. These infrastructure are very importants to other sectors, distribution network conditions are relevant for regional socio-economic development.

Note an increase in extrem storm episodes, flooding could affect storage, supply infrastructure, distribuion, reuse and water purification. It can have an impact on the ability to give response to the needs of water for people consumption or activities.

By the other hand, a greater regularity of heavy rains would more often overload the capacity of sewage systems and treatment. (Bates, 2008)



Figure 8 Swamps location in Extremadura



Figure 9 Extremadura Basins

The volume of water dammed can change greatly depending on the hydrogeological year and the month considered.

According to Guadiana Basin official webpage data and the water balance of the Guadiana basin, the conclusions are the following:

- The basin resources are greater than the demands and consumption although, there may be a specific area, within these areas, which presents specific deficit or that it may occur occasional in some years or on time.
- The water resources in the official web page amount 5.081 hm³/ year including the environmental restriction corresponding to ecological flows (Source: Hydrogeological plan 2015-2021)

Recursos hidricos D. H. Guadiana	hm ³
Recursos naturales superficiales	4.430,6
Recursos naturales subterráneos	568,8
Transferencias desde D. H. Tajo	65,6
Transferencias desde D. H. Guadalquivir	7,2
Reutilización	9,13
TOTAL	5.081,3

Figure 10 Catchment water input

- According to “water footprint by basins authorities” provided by the Ministry in 2010, December, the balance of use of resources in Guadiana Basin is 1.497,6 hm³

The site has used the Water Risk Filter tool from WWF, in order to obtain the risk analysis from Guadiana Basin. Different parameters has been assessed, including water scarcity. The result was moderate as shows the figure bellow.



Figure 11 Water scarcity assess (WRF)





5 SUMMARY OF SHARED WATER CHALLENGES

Nestlé España, S.A. (Miajadas Factory) has developed a list of main shared water challenges of shared and ranked them according to their priority from 1, rather high, to 3, very low. Reasons for ranking was provided together with reasons why the challenges are to be considered priorities for both stakeholders and the site.

Below a list of the identified shared water challenges:

- a) Water availability in the area
- b) Water quality
- c) Water use efficiency
- d) Biodiversity protection
- e) CSV activities
- f) Drought and Flood protección

A more detailed presentation of shared water challenges identified by Nestlé Miajadas Factory has been presented in Table 5.1 below. Information in the table below has been extracted from reference 1.6.1.2 Shared water challenges .

1.6.1/2 Shared Water Management Challenges							
Topical	Administration/Association	Relevance to Stakeholders/Social Impact	Relevance to the place	Priority	Initiative	Future Challenges	AWS Outcomes
Water availability in the area	Guadiana Basin Authority (CHG) Orellana Canal Irrigation users association	Gradual reduction of surface water flows Water availability for the community Complaint environmental groups in periods of drought Uncertainty in the future water supply	Sustainability of operations	1	Drought management plan (from CHG) Flood management plan 2016-2021 Guadiana Hydrological Plan Extremadura Climate change Plan	Climate Change Creating start-ups	
Water Quality	Guadiana Basin Authority (CHG) Orellana Canal Irrigation users association Extremadura (local authorities)	Checking the quality of factory effluents	Concern about the legal compliance of the IPPC authorization	1	Integrated plan against "Camalote" in Guadiana Basin Guadiana Hydrological Plan Extremadura Climate change Plan	Decreased water quality from rivers and swamps due to oxygene reduction. Decreased water quality resources	
Efficiency in water use	Guadiana Basin Authority (CHG) Orellana Canal Irrigation users association Extremadura (local authorities)	Water losses in Orellana Canals and it little canals Water efficient (irrigation, WASH, industrial use) Best practices in the area.	Long-term sustainability	2	Public awareness, through news publication and meetings about the good practices on water use. Initiatives to save water in Guadiana Basin. Stakeholders initiatives	Sustainable uses of water resources.	 







1.6.1/2 Shared Water Management Challenges							
Topical	Administration/Association	Relevance to Stakeholders/Social Impact	Relevance to the place	Priority	Initiative	Future Challenges	AWS Outcomes
Biodiversity Protection	Guadiana Basin Authority (CHG) Orellana Canal Irrigation users association Municipality	Ensure natural resources conditions as well as their availability and quality. Ensure the balance between the biodiversity and agriculture and industrial activities	Long-term sustainability	2	Integrated plan against "Camalote" in Guadiana Basin	Species loss to climate change	
CSV activities	Schools of the municipalities Vila of Miajadas CHG	Improved awareness of water management and training Improved knowledge of our activities	Sharing expert in water management Social acceptability of our activity	3	*Celebration World Water Day. *Colaboration with City Colaboration in order to a good maintenance of water infrastructure	To ensure the water availability for the activities Change the way to use the water in order to do in more sustainable.	 
Drought and Flood protection	Guadiana Basin Authority (CHG) Extremadura (local authorities) Municipalities	Floods and drought can provoke crops problems and impact on the local economy	Tomato supply problems as factory raw meal.	2	Plan against flood Plan against drought Extremadura Climate change plan	Try to avoid the impact on the economy and industria production caused by flood or drought.	  

Table 5-1: Detailed Shared Water Challenges for NESTLÉ ESPAÑA, S.A. (MIAJADAS FACTORY)

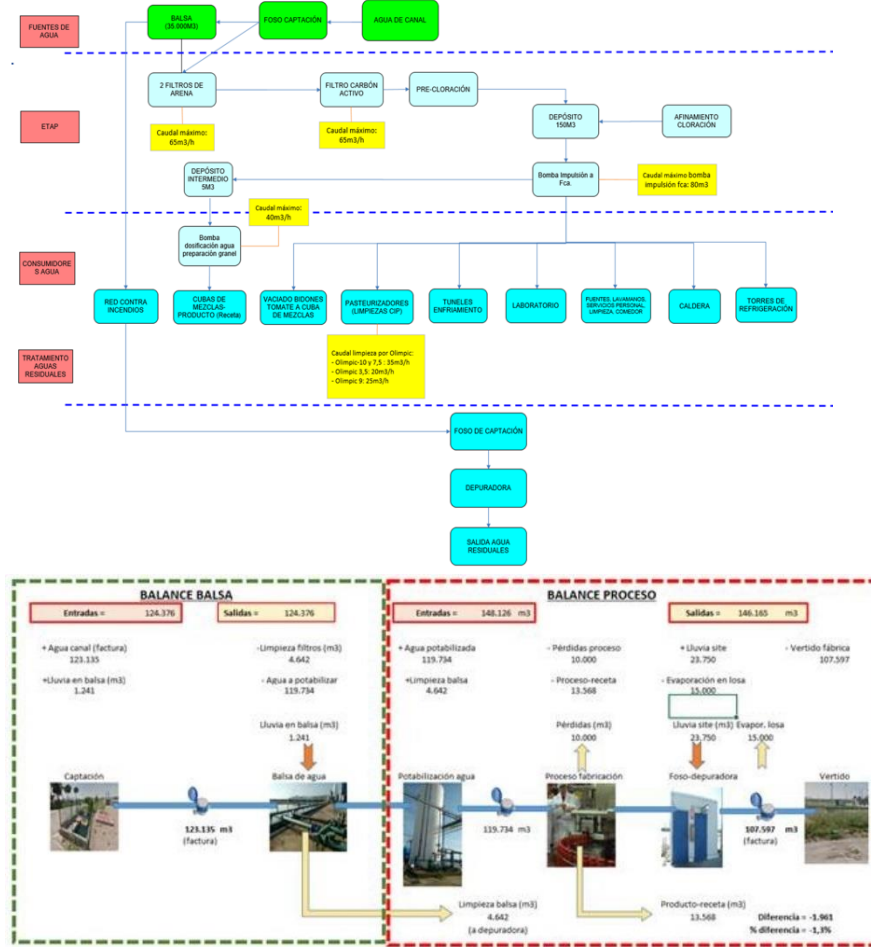
Clause	Details	Yes	No	Comments/Evidence
1	GATHER AND UNDERSTAND			
1.1	<i>Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the Canals from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.</i>			
1.1.1 (core)	<p>The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:</p> <ul style="list-style-type: none"> - Site boundaries; - Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; - Any Canals 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 Canal; - 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. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The physical scope is described in REF1 "1.1. Gather physical information site FINAL"</p> <p>This document describes Miajadas plant physical scope, from a general region maps to a detail zone maps as AWS standard requires and where the site boundaries are located.</p> <p>There is another document REF2 "1.1.1. Mapa cuenca hidrográfica del Guadiana.pdf" which describes the global catchment.</p> <p>Despite belonging to the Guadiana river basin, the site doesn't have direct or indirect interaction with the Guadiana river since the water is neither directly captured from this source nor the final water discharge into the river, so the impact is minimal.</p> <p>Since the contribution of the site with respect to the river basin to which it belongs is minimal, the focus of action will be on the value chain, taking into account actions and good practices applied in the tomato fields, in the Conesa factory as a primary transformer and in the Nestlé factory as a secondary transformer.</p> <p>The scope of action of the Miajadas factory for the AWS project will include these main stakeholders and therefore the area in which they are located: the Vegas Altas, Guadiana region.</p> <p>The document REF1 "1.1. Gather physical information site FINAL" shows the overall and external water infrastructure at the Miajadas factory, highlighting the following elements:</p> <ul style="list-style-type: none"> o Sources of water supply to the site = water from the Orellana Canal. o Site water storage point = 35,000 m3 pond o Water treatment plant = active carbon filters, sand filters, etc. o Site wastewater and rainwater treatment plant = purification plant

Clause	Details	Yes	No	Comments/Evidence
				<ul style="list-style-type: none"> ○ Wastewater discharge point = water discharged to the Dehesilla stream. <p>REF1 has mapped all the water infrastructure, pipping, etc managed by NESTLE MIAJADAS.</p> <p>NESTLE MIAJADAS does not have any water service provider. Although the Miajadas factory is located in the Guadiana river basin, the water supply to the site is taken directly from the Orellana Canal. The Guadiana Confederation has entrusted the management of the Orellana Canal to the Community of Users for a period of 75 years including the Orellana Canal Irrigation Area.</p>

<p>1.2</p>	<p>Understand relevant stakeholders, their waterrelated challenges, and the site’s ability to influence beyond its boundaries.</p>			
<p>1.2.1 (core)</p>	<p>Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified.</p> <p>This process shall:</p> <ul style="list-style-type: none"> - 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 Canal 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. 	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>NESTLE MIAJADAS has developed a tool regarding Stakeholders and their water-related challenges (REF3 “1.2. Comprensión y análisis Stakeholders.pdf”)</p> <p>This tool:</p> <ol style="list-style-type: none"> 1. Identify Stakeholders (outside the site, inside the site) 2. Assess the stakeholders and map them in 4 zones. 3. Identify the way to engagement each one of them based on their level of interest and influence. <p>NESTLE MIAJADAS has identified 20 main stakeholders, and six of them are identified as key stakeholders:</p> <ol style="list-style-type: none"> 1. Orellana Canal Community 2. Guadiana Confederation 3. Nestlé as a factory 4. Global Nature Foundation 5. Conesa 6. Miajadas City Hall <p>This document, includes a table in which the degree of stakeholder engagement based on their level of interest and influence is evaluated. The main one is Global Nature, followed by employees, workers, temporary workers, Nestlé as a factory, Guadiana Confederation, the Orellana Canal Community and CONESA, as the most important ones.</p> <p>Some evidences of stakeholder consultation on water-related interests and challenges were showed in different mails during the audit.</p> <p>NESTLE MIAJADAS has devoleped a population consultation (mainly farmers) each year since 2012, giving workshops yearly about the good agricultural practices and sustainable uses of water.</p> <p>After this population consultation, NESTLE MIAJADAS has developed meetings with the main stakeholders identified in order to define the action plan.</p>

			<p>NESTLE MIAJADAS, has developed a big proyect since 2012 related to stakeholder engagement:</p> <ul style="list-style-type: none"> - “Solis Responsible project” (Proyecto Solis Responsible), collaboration project for the sustainable supply of tomatoes, whose main objectives are economic, agronomic and environmental sustainability (with special interest in water management) REF27 1.4.1. Proyecto Solis Responsable (Prod. integrada)
<p>1.2.2 (core)</p>	<p>Current and potential degree of influence between site and stakeholder shall be identified, within the catchment and considering the site’s ultimate Canal and ultimate receiving water body for wastewater.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>NESTLE MIAJADAS has identified and assessed the influence between the site and the stakeholder within the catchment.</p> <p>It’s described in the stakeholder mapping. See picture below (extract from REF3 “1.2. Comprensión y análisis Stakeholders.pdf”)</p>

<p>1.3</p>	<p>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.</p>		
<p>1.3.1 (core)</p>	<p>Existing water-related incident response plans shall be identified.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>NESTLE MIAJADAS has several technical instructions for environmental emergencies and, within these, water- related incident response plans:</p> <ul style="list-style-type: none"> • Accidental discharge of hydrogen peroxide • Accidental release of untreated water • Accidental spillage from chemical storage • Accidental discharge of detergent (Easyfoam) • Accidental discharge of hypochlorite • Accidental discharge of soda • Accidental discharge of sunflower oil <p>In addition, they have an incident communication format available for all operators and must communicate any spills according to the instructions on the sheet (REF13 “1.3.1. NES- 164 E4 Comunicado de Riesgo e Incidentes SHE”), and they make periodic checklists of emergency system responses (REF5 “1.3.1 NES-124E4 Checklist Respuesta Sistemas de emergencia (Mayo 2019”).</p> <p>Until this date, NESTLE MIAJADAS has not had any environmental incident.</p>
<p>1.3.2 (core)</p>	<p>Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>NESTLE MIAJADAS has realized a site water balance, the losses, storage and outflows has been mapped in REF16 “1.3.2 y 1.3.3. Water mapping del site v3” . They update it yearly.</p>
<p>1.3.3 (core)</p>	<p>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.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>NESTLE MIAJADAS has developed a site water balance, it is done yearly. REF16 “1.3.2 y 1.3.3. Water mapping del site v3”.</p> <p>The Site water balance, inflows, losses, storage, and outflows in 2019 are showed below:</p>



Indication of annual high and low variances is quantified. Each year the water balance is calculated according to rainfall, consumption, production, etc.

NESTLE MIAJADAS checks ratio m³ inflow / tn production in order to study the evolution of the consumption to give compliance the targets about the water consumption reduction. This indicator

of performance and its evolution is checked quarterly, monthly and yearly. This ratio in 2019 was 4.39.

Concerning the annual variance in water consumption rates, NESTLÉ MIAJADAS, set another ratio in order to the water consumption reduction. It has been established by the Responsible Solis Project (integrated production Certificate). Farmers must comply with certain good practices such as drip or underground irrigation.

In this sense, we can see the evolution of the ratio of water consumption in an integrated production system, compared against the water consumption in a conventional production. This ratio in 2019 decreased 3.5%.



- Ahorro real de m³ de agua vs cultivo convencionales que:
- Pueden ser asignados para otros cultivos o usos en la cuenca.
 - El ahorro en las ha asignadas a Nestlé supone un consumo similar al de la fábrica (unos 100.000 m³)

According to the sustainability of the water supply, the flow of the Orellana Canal is regulated by the dam. The collection of this Canal, is mainly for irrigation use. In the event of drought or any supply problem, farmers would be given preference and Nestlé would be able to draw up to 3 months' supply from the water stored in its raft.

Obs.1.

A new ratio should be developed where the evolution of water saving in fields must be studied. This ratio is based on the comparison of water consumption through traditional farming practices with water consumption through the practices of integrated agriculture. However, today, 100% of the Ha of the site that supply NESTLÉ MIAJADAS, are integrated production, therefore, this ratio will not make sense from now on as an indicator of annual savings.

1.3.4 (core)	Water quality of the site's Canal(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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Through the NCE System (Nestlé Continuous Excellence), weekly (WOR board), monthly (MOR board) and quarterly (QOR board) follow-ups of different indicators, including water consumption and quality, are carried out.</p> <p>NESTLE MIAJADAS realize analysis daily in order to analyze the water quality after the water treatment plant and before the entrance to the process. In addition, CHG (catchment authority) goes to Nestlé MIAJADAS monthly for inspections.</p> <p>NESTLE MIAJADAS performs analysis from their effluents after the waste water treatment plant, in fact, they have their monitoring indicators, SHE PM (safety, healthy and environment performance management). The evidences show they comply with their limits.</p> <p>These analysis are performed:</p> <ul style="list-style-type: none"> - weekly (Nestlé and DNOTA (17025 lab) - monthly (17025 lab). <p>In addition to the above, NESTLE MIAJADAS makes, point-in-time analyses at the water catchment point of the Orellana Canal. Some years ago, it had high levels of chlorates and, although there is no legislation for this parameter, they perform raw water analyses before the raft. Nowadays, this parameter is under control.</p>
1.3.5 (core)	Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The site has a single point of discharge through the Waste Water Treatment Plant of the site guaranteeing that the waste water is under the legal limits for all the parameters.</p> <p>According to the site's configuration, water can be contaminated in several points (REF19 "1.3.5. Fuentes de contaminación en site") but this contaminated water would be driven to the waste water treatment plant (including stormwater) ensuring the water discharged under the limits.</p>



- Captación de agua desde el Canal de Orellana
- Balsa de acumulación de agua en el site (35.000 m3)
- Estación depuradora de aguas residuales (EDAR)
- Punto único de vertido del site (agua tratada)
- Caseta de bombeo – punto donde van todas las aguas del site para luego bombearse a la depuradora



Points to consider Inside NESTLE MIAJADAS factory, there are different potential points of pollution (chemical storages), these points are identified in REF19 “1.3.5. Fuentes de contaminación en site”.



Ubicación	Actividad	Material	Cantidad	Estado
1. Almacén de productos químicos (APQ)	Almacenamiento	Productos químicos	1000 kg	Almacenado
2. Zona de limpieza de carretillas y cambio de baterías	Limpieza	Agua y productos de limpieza	5000 l	Vertido
3. Descarga y almacenamiento de hipoclorito sódico	Almacenamiento	Hipoclorito sódico	2000 kg	Almacenado
4. Descarga y almacenamiento de sosa	Almacenamiento	Sosa cáustica	1000 kg	Almacenado
5. Almacenamiento de peróxido de hidrógeno en GRG	Almacenamiento	Peróxido de hidrógeno	5000 l	Almacenado
6. Descarga y almacenamiento de aceite vegetal	Almacenamiento	Aceite vegetal	1000 l	Almacenado
7. Almacenamiento de espumante (Easyfoam) en GRG	Almacenamiento	Easyfoam	5000 l	Almacenado
8. Satélites manuales en fábrica con producto químico	Almacenamiento	Productos químicos	1000 kg	Almacenado
9. Planta piloto (pruebas, limpieza con espumante...)	Operación	Agua y espumante	1000 l	Vertido
10. Punto limpio (vertidos de tomate, uso de espumante...)	Limpieza	Agua y tomate	1000 l	Vertido

- Fuentes de contaminación principales:**
- Almacén de productos químicos (APQ)
 - Zona de limpieza de carretillas y cambio de baterías
 - Descarga y almacenamiento de hipoclorito sódico
 - Descarga y almacenamiento de sosa
 - Almacenamiento de peróxido de hidrógeno en GRG
 - Descarga y almacenamiento de aceite vegetal
 - Almacenamiento de espumante (Easyfoam) en GRG
 - Satélites manuales en fábrica con producto químico
 - Planta piloto (pruebas, limpieza con espumante...)
 - Punto limpio (vertidos de tomate, uso de espumante...)

<p>1.3.6 (core)</p>	<p>On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>Document: REF20 “1.3.6 and 1.5.5 – Áreas Importantes Relacionadas con el Agua (IWRAS)” , identifies and maps the IWRA, including a description of their status</p> <ul style="list-style-type: none"> • Guadiana River Basin: The Guadiana River Basin contains an important number of protected waters, covering all types of typologies such as lakes, rivers, modified and artificial, as well as different protected areas, biodiversity projects, etc. • Orellana Reservoir and Dam: Together with the Albuera lagoons, these are the only wetlands in Extremadura that are listed as internationally important by the Ramsar Convention. In 1989 the area was classified as a Special Protection Area for Birds (SPA). In 1998 it was included in the NATURA 2000 Network as a Special Conservation Area with examples of Griffon vultures, golden eagles, hawks, black storks, otters, tehons and the Running Toad. • Orellana Canal: this is the basic means of supplying water to the different agricultural areas as well as to populations or industries in the area that would otherwise not be possible. • La Dehesilla stream: Important because of its natural environment (area for hiking, trekking, etc.) and for supplying water to areas of fields
<p>1.3.7 (core)</p>	<p>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.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>Nestlé Miajadas factory does not invoice for the product sold but is a cost center within the Nestlé group.</p> <p>Based on this premise and that it doesn't have incomes as such, the associated costs derived from the use of water (treatment plant, training, reagents, etc.) are accounted for.</p> <p>Then, in REF 1.3.7. WATER-2019 costs are identified in 2019”.</p>
<p>1.3.8 (core)</p>	<p>Levels of access and adequacy of WASH at the site shall be identified.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>During 2017 NESTLE MIAJADAS provided water to the Fire Brigade, usually, it does not happen. (REF83 “3.1.1. RV BOMBEROS.msg”)</p> <p>Inside the factory and due to possible cuts in the Canal, works, etc. There is a water extraction raft of about 35,000 m³ from which water is pumped according to demand to the purification facilities and use it on site if it would be necessary.</p> <p>NESTLE MIAJADAS has a Self-Assessment Tool for Evaluating Access to Water, Sanitation and Hygiene (WASH) at the Workplace Nestlé (REF21 “1.3.8. WASH v2 - Miajadas Sept 2018 (revisado aud. rec. hidricos)”, which is updated yearly.</p> <p>They have analyzed the WASH of the basin. (REF66 “1.5.7. Idoneidad servicios WASH en cuenca”)</p>

<p>1.4</p>	<p>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.</p>	
<p>1.4.1 (core)</p>	<p>The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p> <p>NESTLÉ MIAJADAS has identified in REF48 "1.4.1. y 1.4.2. Uso de agua virtual en insumos" the water uses of primary inputs:</p> <ul style="list-style-type: none"> - Water related: related to the factory production process on site there is a single point of specific water collection which is after its used in the factory (sanitary water, process water, product, etc.) All water streams including storm water are directed to the WWTP where they are purified and discharged to the Arroyo de la Dehesilla. Therefore, 100% of the primary inputs related to water come from the Orellana Canal through direct collection to the accumulation pool at the site.  <ul style="list-style-type: none"> - Related to the production process of the factory: The site life cycle analysis (LCA) analyzes and indicates the site's most significant inputs and from which they will request data related to water consumption for their process. In this analysis different types of inputs are indicated  <p>In the same document, REF28 "1.4.1. Y 1.4.2. Uso de agua virtual en insumos primarios – ANÁLISIS", includes quantity, quality and level of water risk within the site's catchment.</p>
<p>1.4.2 (core)</p>	<p>The embedded water use of outsourced services shall be identified, and where those</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p> <p>There are two outsourced services identified:</p> <ul style="list-style-type: none"> - Laundry service - Waste management

	services originate within the site's catchment, quantified.			
1.4.3 (advanced)	The embedded water use of primary inputs in catchment(s) of origin shall be quantified.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future

<p>1.5</p>	<p>Gather water-related data for the catchment, including: water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH</p>																																										
<p>1.5.1. (core)</p>	<p>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.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>NESTLÉ MIAJADAS has developed or has taken part in different initiatives in order to improve and inform about a better water management. Some of them are the following ones;</p> <ul style="list-style-type: none"> • “Solis Responsable Proyect” since 2012 • Project with Global Natur for the preservation of biodiversity • Garbage cleaning activities in nature - project "Libera" • Manual of good practices in farmers of the site. • Water Day Celebration at Factory 																																								
<p>1.5.2. (core)</p>	<p>Applicable water-related legal and regulatory requirements shall be quantified, including legally-defined and / or stakeholder verified customary water rights.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>NESTLE MIAJADAS has a database where the legal and regulatory requirements are identified. NESTLE MIAJADAS assess their compliance with this legal and regulatory requirements. CTAIMA software registers the monitoring about this compliance.</p> <div data-bbox="1182 778 1971 842" style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>CTAIMA LEGAL ESTADO DE CUMPLIMIENTO</p> <p><small>Fecha creación: 07/08/2019 - Fecha informe: 07/08/2019 - Cliente: Nestlé España - Área: Medio Ambiente - Vector: AGUAS - Estado: Cumple - En trámite - No cumple - Pend. evaluar - Creado por: Nacho Herrero</small></p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e1f5fe;"> <th colspan="5">Medio Ambiente>AGUAS>Abastecimiento de aguas: canon del agua</th> </tr> <tr style="background-color: #e0e0e0;"> <th style="width: 5%;">Id</th> <th style="width: 35%;">Requisito Legal</th> <th style="width: 35%;">Referencia legal</th> <th style="width: 10%;">Estado</th> <th style="width: 15%;">Observaciones</th> </tr> </thead> <tbody> <tr> <td>1125243</td> <td>Pagar el canon de saneamiento junto con la factura de agua de la entidad suministradora</td> <td>Ley 2/2012, de 28 de junio, de medidas urgentes en materia tributaria, financiera y de juego de la Comunidad Autónoma de Extremadura</td> <td>Cumple</td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr style="background-color: #e1f5fe;"> <th colspan="5">Medio Ambiente>AGUAS>Abastecimiento de aguas: captación de agua de pozo</th> </tr> <tr style="background-color: #e0e0e0;"> <th style="width: 5%;">Id</th> <th style="width: 35%;">Requisito Legal</th> <th style="width: 35%;">Referencia legal</th> <th style="width: 10%;">Estado</th> <th style="width: 15%;">Observaciones</th> </tr> </thead> <tbody> <tr> <td>1125251</td> <td>Disponer de autorización administrativa de toda modificación de las características de la concesión administrativa para el uso privativo de las aguas</td> <td>REAL DECRETO LEGISLATIVO 1/2001, de 20 de julio, por el que se aprueba el texto refundido de la Ley de Aguas.</td> <td>Cumple</td> <td></td> </tr> <tr> <td>1125256</td> <td>No realizar actuaciones contaminantes prohibidas</td> <td>REAL DECRETO LEGISLATIVO 1/2001, de 20 de julio, por el que se aprueba el texto refundido de la Ley de Aguas.</td> <td>Cumple</td> <td></td> </tr> <tr> <td>1125274</td> <td>Prohibición de instalación de contadores provistos de</td> <td>Orden ARM/1312/2009, de 20 de mayo, por la que</td> <td>Cumple</td> <td></td> </tr> </tbody> </table>	Medio Ambiente>AGUAS>Abastecimiento de aguas: canon del agua					Id	Requisito Legal	Referencia legal	Estado	Observaciones	1125243	Pagar el canon de saneamiento junto con la factura de agua de la entidad suministradora	Ley 2/2012, de 28 de junio, de medidas urgentes en materia tributaria, financiera y de juego de la Comunidad Autónoma de Extremadura	Cumple		Medio Ambiente>AGUAS>Abastecimiento de aguas: captación de agua de pozo					Id	Requisito Legal	Referencia legal	Estado	Observaciones	1125251	Disponer de autorización administrativa de toda modificación de las características de la concesión administrativa para el uso privativo de las aguas	REAL DECRETO LEGISLATIVO 1/2001, de 20 de julio, por el que se aprueba el texto refundido de la Ley de Aguas.	Cumple		1125256	No realizar actuaciones contaminantes prohibidas	REAL DECRETO LEGISLATIVO 1/2001, de 20 de julio, por el que se aprueba el texto refundido de la Ley de Aguas.	Cumple		1125274	Prohibición de instalación de contadores provistos de	Orden ARM/1312/2009, de 20 de mayo, por la que	Cumple	
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1.5.3. (core)

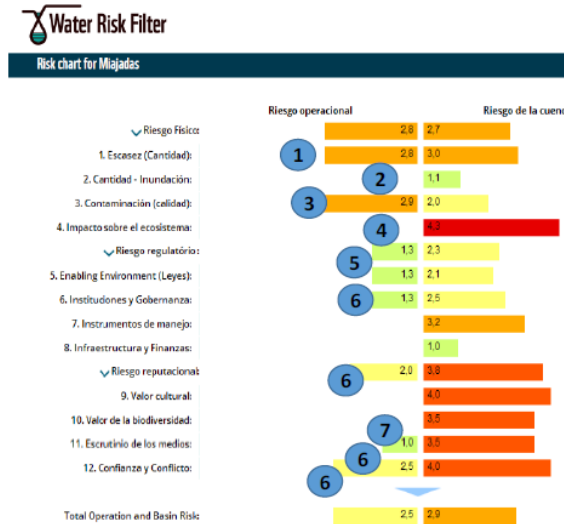
The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.



The catchment water balance is explained in the REF58 “1.5.3. Balance hídrico cuenca y escasez”. This study has been made with Water Risk Filter 5.0 (Endorsed by WWF) tool. The Water Risk Assessment Methodology describes the water risk assessment framework, underlying structure and data sources for both basin and site risk assessment. It is updated periodically to reflect shifting data sets and other minor changes if it were necessary.

The results about the current situation for each vector are in the REF58 “1.5.3 WRF - Resultados de cuenca y site”.

The REF58 “1.5.3. Balance hídrico Cuenca y escasez” shows the brief of the water balance and the main risk evaluated for site (left side) and basin (right side)



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

According to Guadiana Basin official webpage data and the water balance of the Guadiana basin, the conclusions are the following:

- The basin resources are greater than the demands and consumption although, there may be a specific area, within these areas, which presents specific deficit or that it may occur occasional in some years or on time.
- The water resources in the official web page amount 5.081 hm³/ year including the environmental restriction corresponding to ecological flows (Source: Hydrogeological plan 2015-2021)

Catchment water input:

Recursos hídricos D. H. Guadiana	hm ³
Recursos naturales superficiales	4.430,6
Recursos naturales subterráneos	568,8
Transferencias desde D. H. Tajo	65,6
Transferencias desde D. H. Guadalquivir	7,2
Reutilización	9,13
TOTAL	5.081,3

- According to “water footprint by basins authorities” provided by the Ministry in 2010, December, the balance of use of resources in Guadiana Basin is 1.497,6 hm³.

Water scarcity assess (WRF):








The site has used the Water Risk Filter tool from WWF, in order to obtain the risk analysis from Guadiana Basin. Different parameters has been assessed, including water scarcity. The result was moderate as shows the figure bellow.

1.5.4. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>NESTLE MIAJADAS analyzes occasionally some chemical parameter from the body source. This analysis show a good quality. This water in the Orellana Canal is mainly for irrigation water.</p> <p>The physical, chemical, and biological status, of the catchment its demonstrated along differents documents and studies as:</p> <ul style="list-style-type: none"> • REF 62 “1.5.4. Control estado-potencial masas de agua CHG (Control - potential water bodies CHG) • Ref63 “1.5.4. Estudio de contaminantes en cuenca Guadiana 2009-2018” (Contaminants study in Guadiana basin 2009-2018) • Ref64 1.5.4. “Evaluación del estado trófico del Guadiana” (Evaluation trophic state Guadiana). <p>This last document shows the status of different parameters of the Orellana Reservoir, and shows a problem with total phosphates which is a parameter controlated by NESTLÉ MIAJADAS and the 17025 lab weekly.</p>
1.5.5 (core)	Important Water-Related Areas shall be identified, and where appropriate, mapped, and their status assessed including any threats to people orthe natural environment, using scientific information and through stakeholder engagement.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>In the document:REF20” 1.3.6 and 1.5.5 - Important water-related areas (IWRAS)”, are identified and mapped, including a description of their status:</p> <ul style="list-style-type: none"> - Guadiana River Basin - Orellana Reservoir and Damp - Canal de Orellana - Arroyo La Dehesilla
1.5.6. (core)	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The activity of NESTLE MIAJADAS in the perimeter control is conditioned to the good supply and quality of the water through the CHG infrastructures (REF65 “1.5.6. Infraestructura de Cuenca”):</p> <ul style="list-style-type: none"> • Regulation infrastructures: Orellana Dam • Water infrastructures: Orellana irrigation Canal • Special infrastructures: water transport tunnel Zújar-Orellana <p>This document also assesses the infrastructure damage caused by climatic phenomena extremes within the Extremadura Climate Change Adaptation Plan.</p>

1.5.7. (core)	The adequacy of available WASH services within the catchment shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Althouht this criteria is not applicable to Spain, NESTLÉ MIAJDAS has analyzed the WASH of the basin (REF66 “1.5.7. Idoneidad servicios WASH en Cuenca”) resulting in no risk to the basin.
1.5.8. (advanced)	Efforts by the site to support and undertake catchment level water-related data collection shall be identified	<input type="checkbox"/>	<input type="checkbox"/>	Nestlè Miajadas were just not applied in this case, but the site could apply in the future
1.5.9. (advanced)	The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlè Miajadas were just not applied in this case, but the site could apply in the future
1.6	<i>Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site’s water challenges.</i>			
1.6.1 (core)	Shared water challenges shall be identified and prioritized from the information gathered.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document REF67 “1.6.1. y 1.6.2. Desafíos de la cuenca e iniciativas” indentifies and prioritizes the water challenges from de information gathered. The water challenges indentified are (They are prioritized from 1 to 3.): <ol style="list-style-type: none"> 1. Water availability in the area resulting from rainfall reduction- (1) 2. Water quality- (1) 3. Water use efficiency (2) 4. Protection of biodiversity (2) 5. Activities and socio-cultural initiatives- (3) 6. Extreme events (storms, droughts, floods) (2) 7. Damage to transport, storage, sanitation and distribution infrastructure (3) 8. Filling of supply, irrigation and hydroelectric reservoirs (3) 9. Possible damage to agriculture, livestock or forestry (2) 10. Loss of biodiversity due to changes in ecosystems - climate change-(2)
1.6.2. (core)	Initiatives to address shared water challenges shall be identified	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<ol style="list-style-type: none"> 1. Water availability in the area resulting from rainfall reduction- (1) <ol style="list-style-type: none"> a. CHG’s Special scarcity plan b. Flood Risk Plan 2016-2021 c. Guadiana hydrological plan d. Extremadura’s A.G.U.A. Program e. CHG water and water restoration plan f. Extremadura climate change adpatation plan 2. Water quality- (1)

				<ul style="list-style-type: none"> a. Comprehensive plan against the camalote in the Guadiana b. Guadiana hydrological plan c. Extreme Climate Change Adaptation Plan <p>3. Water use efficiency (2)</p> <p>Public awareness through publication and awareness-raising sessions in water use:</p> <ul style="list-style-type: none"> a. Good practices in socio-recreational use of the Guadiana b. CHG decalogue of efficient water use c. Guadiconsejos for water conservation d. Initiatives to spend less water in the Guadiana basin e. Participation in initiatives with stakeholders <p>4. Protection of biodiversity (2)</p> <ul style="list-style-type: none"> a. Comprehensive plan against the “camalote” in the Guadiana b. Zebra mussel prevention campaign at CHG <p>5. Activities and socio-cultural initiatives- (3)</p> <ul style="list-style-type: none"> a. World Water Day celebration b. Participation in fairs, forums and community meetings c. Good maintenance campaigns of socio-recreational areas such as the Orellana Reservoir test is the assignment of blue flag as an inland coast <p>6. Extreme events (storms, droughts, floods) (2)</p> <ul style="list-style-type: none"> a. Flood plan b. Special drought plan c. Plans against allolotones species such as the chameleon d. Extremadura Climate Change Adaptation Plan <p>7. Damage to transport, storage, sanitation and distribution infrastructure (3)</p> <ul style="list-style-type: none"> a. Extremadura climate change adaptation plan b. Guadiana Hydrologic Plan <p>8. Filling of supply, irrigation and hydroelectric reservoirs (3)</p> <ul style="list-style-type: none"> a. Plan to adapt to the climate change of Extremadura: implementation of systems that allow to increase the efficiency in the use of water in different sectors, actions aimed at reducing consumption in agriculture, etc. <p>9. Possible damage to agriculture, livestock or forestry (2)</p> <ul style="list-style-type: none"> a. Guadiana Hydrologic Plan b. Extremadura climate change adaptation plan <p>10. Loss of biodiversity due to changes in ecosystems - climate change-(2)</p> <ul style="list-style-type: none"> a. Guadiana Hydrologic Plan b. Plan to adapt to the climate change of Extremadura: reforestation campaigns, ecological restoration, soil improvement, development of technology for early detection of situations of biodiversity loss
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1.6.3. (advanced)	Future water issues shall be identified, including anticipated impacts and trends	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
1.6.4. (advanced)	Potential water-related social impacts from the site shall be identified, resulting in a social impact assessment with a particular focus on water.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
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 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Water risks are identified and prioritized . Their Current status is evaluated taking into account likelihood and severity of impact as follow:</p> <p>Without risk, medium risk, moderate risk, high risk and extrem risk.</p> <p>REF68 “1.7.1. y 1.7.2. Riesgos y oportunidades en el site”. risks are identified and prioritized, they are the following ones:</p> <ol style="list-style-type: none"> 1. Prolonged drought in the area - lack of water supply to the site (Moderate Risk) 2. Floods (Without Risk) 3. Pollution or low water quality (Moderate Risk) 4. Increased water demand in the area (new companies, needs...) (Medium Risk) 5. Non-compliance with current regulations or legislation (e.g. discharge water) (Moderate Risk) 6. Public opinion (social, environmental, cultural issues...) (Medium Risk) 7. Biodiversity loss in the site environment (Without Risk) 8. Climate change (effects such as storms, storms, abrupt change of season, etc.) (Medium Risk) <p>Obs 2.</p> <p>It would be interesting to establish a criteria (quantifying) in order to assess the status and Risk for REF 68 “1.7.1. y 1.7.2. Riesgos y oportunidades en el site”, and update it in order to match the result against the criteria..</p>

1.7.2 (core)	Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water oportunities are identified and classified in Social, cultural, health, economic and environmental in REF68 “1.7.1. y 1.7.2. “Riesgos y oportunidades en el site” and they are prioritized for each risk.	
1.8	<i>Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.</i>				
1.8.1. (core)	Relevant catchment best practice for water governance shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REF69 “1.8. Mejores prácticas para AWS” This outcome is divided in 8 Best practices , periodicity and implement a REF100. “3.9. Best practices en el site”	
1.8.2. (core)	Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REF69 “1.8. Mejores prácticas para AWS Sostenable water balance This outcome is divided in 4 Best practices , periodicity and implement REF100. “3.9. Best practices en el site”	
1.8.3. (core)	Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REF69 “1.8. Mejores prácticas para AWS Good water Quality This outcome is divided in 5 Best practices , periodicity and implement act REF100. “3.9. Best practices en el site”	
1.8.4. (core)	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REF69 “1.8. Mejores prácticas para AWS This outcome is divided in 3 Best practices , periodicity and implement act REF100. “3.9. Best practices en el site”	
1.8.5 (core)	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REF69 “1.8. Mejores prácticas para AWS This outcome is divided in 1 Best practices , periodicity and implement act REF100. “3.9. Best practices en el site”	

2	COMMIT AND 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. (core)	<p>A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:</p> <ul style="list-style-type: none"> - 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. 	<input checked="" type="checkbox"/>	<input type="checkbox"/> The Nestlé Miajadas Factory statement is published in https://empresa.nestle.es/sites/g/files/pydnoa431/files/2020-01/2.1.%20Compromiso%20local%20liderazgo%20custodia%20agua%20-%20Miajadas.pdf



Compromiso sobre Custodia del Agua
en la fábrica Nestlé Miajadas



Compromiso local de liderazgo para la custodia del agua.

Site: Fábrica Nestlé Miajadas, España

Como compañía líder en Nutrición, Salud y Bienestar, nos esforzamos en mejorar la calidad de vida de nuestros consumidores de todo el mundo, con alimentos y bebidas sabrosos, nutritivos y saludables.

Entendemos que esta sensación de bienestar también exige que nuestros productos sean fabricados de una forma cuidadosa y responsable, que preserve el medio ambiente para generaciones futuras. Por ello, estamos comprometidos a crear valor compartido a largo plazo facilitando el acceso mundial a alimentos y bebidas de alta calidad, y a la vez contribuir a un desarrollo social y económico ambientalmente sostenible, en particular en áreas rurales.

El cuidado ambiental de Nestlé se rige por tres principios:

- Nuestra responsabilidad hacia la sociedad, presente y futura.
- Nuestro deseo de satisfacer a los consumidores.
- Nuestra dependencia de un medio ambiente sostenible que pueda proporcionar los recursos necesarios para fabricar buenos alimentos y bebidas.

En consonancia con los Principios Corporativos, así como nuestro compromiso con la Custodia del Agua nos comprometemos a continuar poniendo esfuerzos y recursos para mejorar la buena gobernanza del agua, el buen equilibrio hídrico, la buena calidad del agua y las áreas importantes relacionadas con el agua dentro y fuera de nuestra fábrica. Para esto, nos aseguraremos de que todas nuestras actividades se realicen bajo un enfoque de sostenibilidad, especialmente en el uso del agua.

Fuera de los límites de la fábrica, nos involucraremos con nuestros principales interesados en sumar esfuerzos por una buena Custodia del Agua de una manera abierta, transparente y colaborativa. También tomaremos las medidas necesarias junto con las autoridades para garantizar que cumplimos con todos los requisitos legales y reglamentarios relevantes respetando los derechos legales y relacionados con el agua, incluyendo tanto los requisitos a nivel nacional o internacional. Además, nos comprometemos a una gestión conjunta para hacer frente a los desafíos clave que tenemos, como comunidad, en la disposición, calidad y uso del agua alineado con los planes existentes en la cuenca.

Finalmente, nos comprometemos a revisar y modificar las acciones y planes de administración del agua de nuestro sitio para mitigar los riesgos relacionados con el agua y aprovechar las buenas oportunidades de administración.

Miquel Serra
Director Producción Nestlé España



César Celemín
Director de Fábrica Nestlé Miajadas

Within Nestlé's corporate principles, n10 is related to water.

REF71 "2.1.1. Principios corporativos Nestlé"

NESTLE's commitment to the stewardship and good governance of water is also published in brochures REF72 "2.1.2. Folleto Compromisos Nestlé Tierra 2019" and through the group's non-financial report. REF73 "2.1.2. Informe no financiero Nestlé España 2018".



<p>2.1.2. (advanced) (1point)</p>	<p>A statement that explicitly covers all requirements set out in Indicator 2.1.1 and is signed by the organization's senior-most executive or governance body and publicly disclosed shall be identified.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>Nestlé's commitment to the water is signed by Nestlé Group . It is published on its website and applies to all Nestlé plants in the world.</p> <p>The links referring to the policy and the specific document of the Commitment are indicated below.:</p> <p>https://empresa.nestle.es/sites/g/files/pydnoa431/files/es/libreria-documentos/documentos/publicaciones/2013-policy-on-env-sustainability.pdf</p> <p>https://www.nestle-esar.com/sites/g/files/pydnoa441/files/common/nestleimages/publishingimages/documents/csv/csv_nestle_commitment_water_stewardship.pdf</p> <p>https://ceowatermandate.org/resources/nestle-commitment-water-stewardship/</p>															
<p>2.2. Develop and document a process to achieve and maintain legal and regulatory compliance.</p>																		
<p>2.2.1. (core)</p>	<p>The system to maintain compliance obligations for water and wastewater management shall be identified, including:</p> <ul style="list-style-type: none"> - Identification of responsible persons/positions within facility organizational structure - Process for submissions to regulatory agencies. 	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>Facility maintains an organizational structure about the compliance obligations for water and wastewater management, It identifies responsible people / position within facility organizational structure.</p> <p>CTAIMA software allows identify the compliance obligations for water and wastewater management.</p> <div data-bbox="936 821 1617 1093"> <p>ESTADO DE CUMPLIMIENTO Fecha creación: 26/02/2020 - Fecha informe: 26/02/2020 - Cliente: Nestlé España - Área: Medio Ambiente - Vector: AGUAS - Estado: Cumple - En trámite - Pendi. evaluar - Creado por: Diana Cubillas</p> <p>Gráfica de estado de cumplimiento</p> <table border="1"> <thead> <tr> <th>Estado</th> <th>Cantidad</th> </tr> </thead> <tbody> <tr> <td>Cumple</td> <td>44</td> </tr> <tr> <td>No cumple</td> <td>1</td> </tr> <tr> <td>Pendi. evaluar</td> <td>2</td> </tr> <tr> <td>En trámite</td> <td>1</td> </tr> </tbody> </table> </div> <p>The no compliance item was solved</p> <table border="1" data-bbox="907 1189 1534 1340"> <tr> <td>1125285</td> <td>Anotar en el libro de control el volumen mensual, así como la acumulación de los volúmenes anuales, captados o retornados. (Categoría 2: igual o mayor que cuatro litros por segundo y menor que cien litros por segundo (4-100l/s).</td> <td>Orden ARM/1312/2009, de 20 de mayo, por la que se regulan los sistemas para realizar el control efectivo de los volúmenes de agua utilizados por los aprovechamientos de agua del dominio público hidráulico, de los retornos al citado dominio público hidráulico y de los vertidos al mismo</td> <td>No cumple</td> <td>Realizado</td> </tr> </table>	Estado	Cantidad	Cumple	44	No cumple	1	Pendi. evaluar	2	En trámite	1	1125285	Anotar en el libro de control el volumen mensual, así como la acumulación de los volúmenes anuales, captados o retornados. (Categoría 2: igual o mayor que cuatro litros por segundo y menor que cien litros por segundo (4-100l/s).	Orden ARM/1312/2009, de 20 de mayo, por la que se regulan los sistemas para realizar el control efectivo de los volúmenes de agua utilizados por los aprovechamientos de agua del dominio público hidráulico, de los retornos al citado dominio público hidráulico y de los vertidos al mismo	No cumple	Realizado
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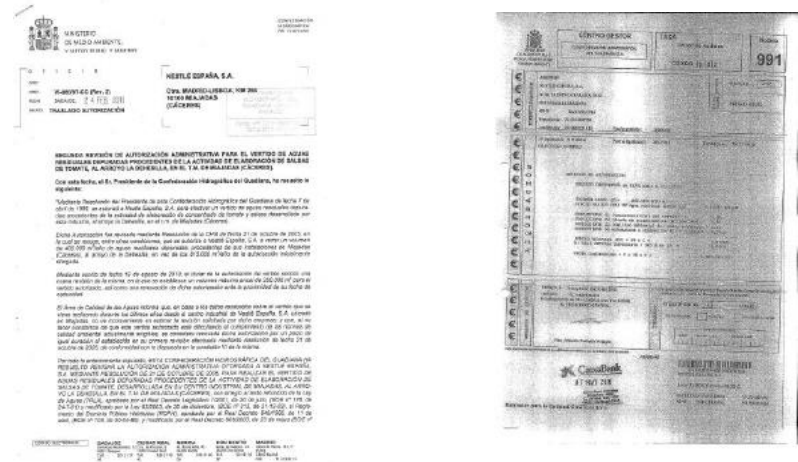
				The responsible persons are identified in the REF75 “2.2.1. Roles y responsabilidades AGUA”
2.3	Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.			
2.3.1. (core)	A water stewardship strategy shall be identified that defines the overarching mission, vision, and goals of the organization towards good water stewardship in line with this AWS Standard.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>NESTLE MIAJADAS has the following water stewardship strategy.REF77 “2.3. 2.4. 3.3. 3.5. 4.1 Estrategia AWS e indicadores de seguimiento 2019”.</p> <p><i>Aligned with global water issues as well as the effects of climate change, the Miajadas factory strategy on water stewardship focuses on addressing shared water challenges through factory actions as well as the environment always collaborating with the different stakeholders involved.</i></p> <p><i>The goals and objectives for water management are:</i></p> <ul style="list-style-type: none"> - <i>Manage the general use of water</i> - <i>Involve the different stakeholders in our value chain in issues related to water</i> - <i>Monitoring of quantity and water quality</i> - <i>Preparation for extreme and emergency events related to water.</i> <p><i>These objectives will help us to maintain and reduce the physical and reputational risks of water, benefiting stakeholders as well as the community..</i></p> <p>In addition the Document 2.2.1. Roles y responsabilidades AGUA are showed the Mission, vision and Goals on the Water Custody Committee.</p>
2.3.2 (core)	<p>A water stewardship plan shall be identified, including for each target:</p> <ul style="list-style-type: none"> - 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 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Document REF77 “2.3. 2.4. 3.3. 3.5. 4.1 Estrategia AWS e indicadores de seguimiento 2019” and REF79 “2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS 2019 - Fábrica Miajadas”, includes these items for 2019.</p> <p>Document REF78 “2.3. 2.4. 3.3. 3.5. 4.1 Estrategia AWS e indicadores de seguimiento 2020” and REF80 “2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS 2019 - Fábrica Miajadas, includes these items for 2020”.</p> <p>Obs. 3</p> <p>Include within the Strategic Plan, compliance with the NER requirements (Nestlé’s internal legal compliance requirements) concerning the targets of the water parameters)</p> <p>Obs 4</p> <p>Include, where possible, the actions budget to achieve the objectives</p>


	- Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.			
2.3.3 (advance) (4 points)	The site's partnership/water stewardship activities with other sites within the same catchment (which may or may not be under the same organisational ownership) shall be identified and described.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The main activity has been the development and implementation of the Solis Project Responsible (integrated production) REF27 "1.4.1. Proyecto Solís Responsable (prod. integrada)". Collaboration project between Conesa Nestlé for the sustainable supply of tomato, whose objective is to obtain high quality agricultural products through methods and practices that respect the environment and ensure long-term sustainable agriculture.</p> <p>Nestlé always seeks to innovate and find improvements, including all collaborators, especially suppliers. In this sense it promoted and recognized the efforts that have been made in the region. An example is the program that the purchasing team has implemented with CONESA, because their operations with Nestlé represent more than 15% of the region's exports. This project called "Techniques for sustainable tomato production in Extremadura", has focused on:</p> <ul style="list-style-type: none"> • Study and minimize water consumption • Control of the use of fertilizers • Rationalization of pests <p>REF128 "5.4.2. Memoria 2018 Fund. Global Nature - Colabora Nestlé", where NESTLÉ appears as a collaborator in the elaboration of a biodiversity guide with Global Nature, as well as Nestlé's collaborations with CONESA and GLOBAL NATURE in the search and implementation of sustainable practices for tomato cultivation (REF123 "5.4.2. Colaboración Nestlé Conesa Global Nature (abril 2015)" and REF124 "5.4.2. Colaboración Nestlé Conesa Global Nature2 (abril 2015)").</p>
2.3.4 (advance) (4 points)	The site's partnership/water stewardship activities with other sites in another catchment(s) (either under same corporate structure or with another corporate site) shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Solis Project Responsible REF27 "1.4.1. Proyecto Solís Responsable (integrated product)", has expanded to other basins (Tajo Basin), other countries and other products such as onion, potato ...</p>

<p>2.3.5 (advance)</p>	<p>Stakeholder consensus shall be sought on the site's water stewardship plan. Consensus should be achieved on at least one target. A list of targets that have consensus and in which stakeholders are involved shall be identified.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Nestlé Miajadas were just not applied in this case, but the site could apply in the future</p>
<p>2.4. <i>Demonstrate the site's responsiveness and resilience to respond to water risks</i></p>				
<p>2.4.1 (core)</p>	<p>A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Document REF77 "2.3. 2.4. 3.3. 3.5. 4.1 Estrategia AWS e indicadores de seguimiento 2019" and ref79 "2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS 2019 - Fábrica Miajadas, includes these items for 2019".</p>
<p>2.4.2 (advance)</p>	<p>A plan to mitigate or adapt to water risks associated with climate change projections developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Nestlé Miajadas were just not applied in this case, but the site could apply in the future</p>

3		IMPLEMENT		
3.1.		<i>Implement plan to participate positively in catchment governance.</i>		
3.1.1. (core)	Evidence that the site has supported good catchment governance shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Document REF77 “2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS 2019 - Fábrica Miajadas”. The most important evidences verified are:</p> <ul style="list-style-type: none"> • Internal audit of water resources with action plan and revision of the WASH • Monitoring of risk communications related to leaks, lack of water control, diversions of consumption, etc • Day of garbage collection in the nature, near the Orellana canal (defined by the municipality of Miajadas) - Libera 1m² • Meeting with Conesa about project/initiative "Solís Responsable" as tomato supplier • Meeting with association of users of the Orellana canal and/or Guadiana Hydrographic Confederation • Meeting with the Miajadas City Council to present the implementation project AWS • Water Day Celebration at Factory • Launch Meeting of the Factory Water Stewardship Committee for KPI follow-up and AWS topics • Training with examination of basic AWS concepts in 2nd factory informative
3.1.2. (core)	Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The water rights are guaranteed by Spanish law and NESTLE MIAJADAS policy.
3.1.3. (advanced) (2 points)	Evidence of improvements in water governance capacity from a site-selected baseline date shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Evidence of improvements in water governance capacity from a reference date selected by the site is included in the REF27 “1.4.1. Proyecto Solís Responsable (prod. integrada)”, which includes the evolution of KPI's and the area (Ha) under integrated production in Extremadura since 2012.</p> <p>Nestlé in Miajadas has saved 515.000.000 liters of water since the launch of “Solís Responsable” initiative in 2014 due to the implementation of this management model based on the use of local raw materials from local crops and with environmental commitments, the use of fertilizers has been reduced by 16% and the use of pest control products by 13%.</p>


<p>3.1.4. (advanced) (2 points)</p>	<p>Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the good water governance of the catchment shall be identified.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>Among the evidences of a representative range of stakeholders that show consensus that the site contributes positively to good water governance in the basin, are:</p> <ul style="list-style-type: none"> - REF130 “Certificado Producción Integrada - Fabrica Nestlé Miajadas 2019”, the integrated production certificate granted by the Extremadura Regional Government-. - REF27 “1.4.1. Proyecto Solís Responsable (prod. integrada)”, where it showed the Extremadura Green Award for good water management awarded by the Extremadura Regional Government - REF120 “5.4.1. Premios Alimentos de España - evidencia (2017)” the award given by the Ministry of the Environment (MAPAMA) for an improvement in ecological impact.
<p>3.2. Implement system to comply with water-related legal and regulatory requirements and respect water rights.</p>			
<p>3.2.1. (core)</p>	<p>A process to verify full legal and regulatory compliance shall be implemented.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p><u>Water catchment authorization</u> has been checked. NESTLE MIAJADAS has a single point of water supply.</p> <p>Guadiana Confederation has entrusted the management of the Orellana Canal to the User Community for a period of 75 years including the Orellana Canal Irrigation Area.</p> <p>Water catchment authorization from th Orellana Canal</p>  <p>Annual rate of water use and regulation fee</p> 

				<p>Discharge Authorization has been checked and updated. NESTLE MIAJADAS has a single point of discharge, a point of discharge of treated water from the treatment plant to the Dehesilla stream.</p> <p>This authorization is automatic updated each 5 years if no one incident has happened (like in this case).</p> <p>Discharge authorization of treated water to the Dehesilla stream</p> <p>Annual rate of dumping fee</p>  <p>The environmental facility license is updated each ten years.</p> <p>They comply with all licenses. It was checked in CETAIMA</p>
<p>3.2.2 (core)</p>	<p>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.</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>		<p>Not applicable in Spain, Water Rights are guaranteed by Spanish Law.</p>

<p>3.3.</p>	<p><i>Implement plan to achieve site water balance targets.</i></p>			
<p>3.3.1 (core)</p>	<p>Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.</p>	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>Document REF77 “2.3. 2.4. 3.3. 3.5. 4.1 Estrategia AWS e indicadores de seguimiento 2019”., identify the targets and their progress towards achieving the water stewardship plan.</p> <p>In addition, weekly (WOR), monthly (MOR) and quarterly (QOR) monitoring of the evolution of the targets in the Operational Master Plan has been verified.</p> 
<p>3.3.2 (core)</p>	<p>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.</p>	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>NESTLE MIAJADAS is located in a zone without water scarcity, however NESTLE MIAJADAS has identified one target for 2020 in order to reduce the water consumption in a 2% against the target for 2019 (during 2019 the water consumption was decreased a 6.5% from the previous year).</p>
<p>3.3.3 (core)</p>	<p>Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.</p>	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>NESTLE MIAJADAS does not use all the cubic meters they are authorized for. They are under that limits. However, on 2017, fire brigade asked NESTLE MIAJADAS for giving them water due to a problem about water provision.</p> <p>NESTLE MIAJADAS colaborates with the Miajadas City Hall donating water bottles in popular races.</p>

				In addition, NESTLE MIAJADAS also give for free the first water bottle daily for its workers.
3.3.4. (advanced)	The total volume of water voluntarily re-allocated (from site water savings) for social, cultural and environmental needs shall be quantified.	<input type="checkbox"/>	<input type="checkbox"/>	n/a

3.4.	<i>Implement plan to achieve site water quality targets.</i>			
3.4.1. (core)	Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>NESTLE MIAJADAS has several analysis which guarantee the water quality.</p> <p>NESTLE MIAJADAS has records about chemical parameters from 2010. REF81 “2.3. Estrategia y plan AWS del sites FINAL”.</p> <p>In addition NESTLÈ MIAJADAS also controls the application of pesticides so that they are not carried away by water effluents.</p>
3.4.2. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Wastewater analysis show that they are under the limits of discharge.</p> <p>NESTLE MIAJADAS makes analysis of COD (chemical oxygen demand) and suspended solids at the inlet and outlet of the treatment plant. Over the years, both parameters have been lowered with the use of good factory practices (decrease the load reaching the treatment plant and therefore less load (sludge) comes out of the treatment plant). The sludge decreased by 50%.</p> <p>In SHE-PM (REF SHE-PM Herramienta reporte e historial datos) the site indicates all the data of discharge, consumption, parameters, analytics, etc. This tool let them to extract historic reports about different data entered.</p>



















				
<p>3.5.</p>	<p><i>Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.</i></p>			
<p>3.5.1. (core)</p>	<p>Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.</p>	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>One of the most important Water related areas for NESTLE MIAJADAS is the Orellana Canal. In this sense, during June 2019, was carried out the garbage cleaning initiative around the Orellana Canal as one of the IWRAS (important areas related to water) for the site. This is named "Libera project" (https://proyectorlibera.org)</p>
<p>3.5.2. (advanced)</p>	<p>Evidence of completed restoration of non-functioning or severely degraded Important Water-Related Areas including where appropriate cultural values from a site-selected baseline date shall be identified. Restored areas may be outside of the site, but within the catchment.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>Nestlé Miajadas were just not applied in this case, but the site could apply in the future</p>
<p>3.5.3. (advanced)</p>	<p>Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the healthy status of Important Water-Related Areas in the catchment shall be identified.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>Nestlé Miajadas were just not applied in this case, but the site could apply in the future</p>

<p>3.6</p>	<p>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.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>																																														
<p>3.6.1. (core)</p>	<p>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.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Workers has access to safe water in the facility and NESTLE provides them one water bottle per day for free for their consumption.</p> <p>Water treated by NESTLE MIAJADAS in its water treatment plant is also used to supply water sources and showers.</p> <p>They has a Self-Assessment Tool for the Implementation at the Workplace of Water, Sanitation and Hygiene (WASH) . REF93 "3.6.1 Idoneidad servicios WASH en Cuenca"</p> <p><u>Self-Assessment Tool for Evaluating Access to Water, Sanitation and Hygiene (WASH) at the Workplace</u></p> <table border="1"> <thead> <tr> <th rowspan="2">Category</th> <th rowspan="2">Current State (0-2)</th> <th rowspan="2">Pledge Compliance (%)</th> <th colspan="3">Stage of Implementation</th> <th rowspan="2">Current State (0-2)</th> </tr> <tr> <th>Business Score (%)</th> <th>Pledge Score (%)</th> <th>Gap Analysis</th> </tr> </thead> <tbody> <tr> <td>OE1 General</td> <td>2.0</td> <td>2.0</td> <td>100%</td> <td>100%</td> <td>0</td> <td>2.0</td> </tr> <tr> <td>WW22 Workplace Water supply</td> <td>2.0</td> <td>2.0</td> <td>100%</td> <td>100%</td> <td>0</td> <td>2.0</td> </tr> <tr> <td>WS3 Workplace sanitation</td> <td>2.0</td> <td>2.0</td> <td>100%</td> <td>100%</td> <td>0</td> <td>2.0</td> </tr> <tr> <td>WH4 Workplace hygiene</td> <td>2.0</td> <td>2.0</td> <td>100%</td> <td>100%</td> <td>0</td> <td>2.0</td> </tr> <tr> <td>Total</td> <td>2.0</td> <td>2.0</td> <td>100%</td> <td>100%</td> <td>0</td> <td>2.0</td> </tr> </tbody> </table> <p>Pledge Compliance achieved within the facility? YES Number of criteria "0": 3</p>	Category	Current State (0-2)	Pledge Compliance (%)	Stage of Implementation			Current State (0-2)	Business Score (%)	Pledge Score (%)	Gap Analysis	OE1 General	2.0	2.0	100%	100%	0	2.0	WW22 Workplace Water supply	2.0	2.0	100%	100%	0	2.0	WS3 Workplace sanitation	2.0	2.0	100%	100%	0	2.0	WH4 Workplace hygiene	2.0	2.0	100%	100%	0	2.0	Total	2.0	2.0	100%	100%	0	2.0
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<p>3.6.2. (core)</p>	<p>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.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Spanish law guaranteed the water access. However NESTLÉ (Global Group) has a guidelines on Respecting the Human Rights to Water and Sanitation. REF94 "3.6.2. Guidelines Respecting Human Rights WASH".</p>																																													
<p>3.6.3. (advanced)</p>	<p>list of actions taken to support the provision to stakeholders in the catchment of access to safe drinking water, adequate sanitation and hygiene awareness shall be identified</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Nestlé Miajadas were just not applied in this case, but the site could apply in the future</p>																																													

3.6.4. (advanced)	In catchments where WASH has been identified as a shared water challenge, evidence of efforts taken with relevant public-sector agencies to share information and to advocate for change to address access to safe drinking water and sanitation shall be identified.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
3.7. Implement plan to maintain or improve indirect water use within the catchment.				
3.7.1. (core)	Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	One target set in the water stewardship plan about the indirect use of the water, is the saving farmers' irrigation water (Solis Project). REF27 "1.4.1. Proyecto Solís Responsable (prod. integrada)" and REF28 "1.4.1. y 1.4.2. Uso de agua virtual en insumos".
3.7.2. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The Site has several evidences with suppliers within the catchment</p> <ul style="list-style-type: none"> - REF97 "3.7.2. Certificado inscripción producción integrada 2013" (Integrated production registration certificate) - REF98 "3.7.2. Colaboración Nestlé Conesa Global Nature" (Nestlé Conesa Global Nature Collaboration) - REF99 "3.7.2. Retos Medio ambientales DMMA" Environmental challenges - DMMA
3.7.3. (advanced) (6 points)	Actions taken to address water related risks and challenges related to indirect water use outside the catchment shall be documented and evaluated.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REF27 "1.4.1. Proyecto Solís Responsable (prod. integrada)" explains how Extremadura is an autonomous community with 4 hydrographic basins (2 mainly - Tajo and Guadiana) and how the good practices have spread not only in the Guadiana basin and how the site has carried out good practices beyond their borders (Italy, Portugal, Ukraine and Germany) to other factories.
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. (core)	Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>There are several evidences as:</p> <ul style="list-style-type: none"> - NESTLÉ MIAJADAS supplied water to the Fire Brigade REF83 "3.1.1. RV BOMBEROS" - REF24 "1.4.1. Certificación AWS en planta Nestlé - Miajadas (cebollas)" - REF25 "1.4.1. Certificación AWS en planta Nestlé - Miajadas (Conesa)" - REF26 "1.4.1. Certificación AWS en planta Nestlé - Miajadas(Saica)"

				- REF98 "3.7.2. Colaboración Nestlé Conesa Global Nature "
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. (core)	Actions towards achieving best practice, related to water governance, as applicable, shall be implemented	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>1 Document REF79 "2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS2019 - Fábrica Miajadas"., identifies this actions</p> <ul style="list-style-type: none"> • Conduct internal audit of water resources with WASH action and review plan • Monitoring of risk communications related to leaks, lack of water control, consumption diversions, etc. • Garbage collection day in nature, areas near the Orellana canal (defined by the city council of Miajadas) - LIBERA 1m2 • Meeting with Conesa on project/initiative "Solís Responsible" as tomato supplier • Meeting with user association of the Orellana canal and/or Guadiana Hydrographic Confederation • Meeting with Miajadas City Council for AWS implementation project presentation • Celebration of Water Day at The Factory • Factory Water Custody Committee launch meeting for KPI tracking and AWS topics (tracking plan, objectives, documentation, etc.) • AWS launch meeting at the factory • AWS Project Presentation - TRAINING with AWS Basics Exam
3.9.2. (core)	Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Document REF79 "2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS2019 - Fábrica Miajadas"., identifies this actions</p> <ul style="list-style-type: none"> • Applying best production practices to save water. • Planning 4 factory stops to be able to group productions (getting higher number of weeks at 3 shifts)
3.9.3. (core)	Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Document REF79 "2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS2019 - Fábrica Miajadas"., identifies this actions</p> <p>Monitoring of discharge control parameters according to legislation</p> <ul style="list-style-type: none"> • Changes in water purification installation - improve electrochlorination, reducing the chlorates generated in the process • Environmental simulation and monitoring of environmental reports related to the correct management of water - best practice

				<ul style="list-style-type: none"> Factory Water Custody Committee launch meeting for KPI tracking and AWS topics (tracking plan, objectives, documentation, etc.)
3.9.4. (core)	Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Document REF79 "2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS2019 - Fábrica Miajadas", identifies this actions</p> <ul style="list-style-type: none"> Changes in water purification installation - improve electrochlorination reducing the chlorates generated in the process Garbage collection day in nature, areas near the Orellana canal (defined by the city council of Miajadas) - Releases 1m2 - best practice Meeting with Miajadas City Council for AWS implementation project presentation
3.9.5. (core)	Actions towards achieving best practice related to targets in terms of WASH shall be implemented	<input type="checkbox"/>	<input type="checkbox"/>	In European countries it does not apply
3.9.6. (advance) (8 points)	Achievement of identified best practice related to targets in terms of good water governance shall be quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The achievement of the best practices identified related to the objectives in terms of good water governance, are quantified in REF27 "1.4.1. Proyecto Solís Responsable (prod. integrada)"
3.9.7. (advance) (8 points)	Achievement of identified best practice related to targets in terms of sustainable water balance shall be quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The achievement of the best practices identified related to the objectives in terms of sustainable water balance, are quantified in REF81 " 2.3. Estrategia y plan AWS del site FINAL" in the sheet "Proyectos 2015-2018".
3.9.8. (advance) (8 points)	Achievement of identified best practices related to targets in terms of water quality shall be quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The achievement of the best practices identified related to the objectives in terms of water quality, are quantified through the Monitoring of discharge quality parameters periodically and internally (SHE-PM report), Confederation and monitoring reports, Internal requirements of the NESTLE Excellance, more restrictive than legal, weekly and KPIs on discharge parameters.
3.9.9. (advance) (8 points)	Achievement of identified best practices related to targets in terms of the site's maintenance of Important Water-Related Areas have been implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Garbage cleaning actions in important areas related to water: Miajadas lagoon.

<p>3.9.10. (advance)</p>	<p>Achievement of identified best practice related to targets in terms of WASH shall be quantified.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>n/a. In European countries it does not apply</p>																																																																									
<p>3.9.11. (advance) (3 points)</p>	<p>A list of efforts to spread best practices shall be identified.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Efforts to spread best practices are listed in the document REF100 “3.9. Best practices en el site”.</p>																																																																									
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	Seguimiento de indicadores e integración de AWSS en las reuniones operacionales de la fábrica (WDR, MDR, QDR)	Según reunión operativa	Reuniones operacionales (planes MDR)																																																																										
 EQUILIBRIO HÍDRICO SOSTENIBLE	Comunicación de nuestro compromiso en agua mediante principios corporativos, política medioambiental, etc.	Continuo	Documentos disponibles públicamente																																																																										
	Utiemos en la certificación de "producción integrada" mediante el proyecto "Solis Responsable" junto con CONESA	Anual	Proyecto Solis Responsable (web, certificados, ...)																																																																										
	Implantación de buenas prácticas y mejoras para reducción de consumo de agua	Anual	Ver pastilla proyectos 2019-2020																																																																										
	Sistema de comunicados medioambientales para todo el personal: mejoras, fugas, pérdidas de agua...	Continuo	Comunicados medioambientales																																																																										
 BUENA CALIDAD DEL AGUA	Cambio de sistemática de trabajo en fábrica para reducir los consumos de agua	Continuo	Ver pastilla proyectos 2019-2020																																																																										
	Análisis de tendencias de consumo de agua y propuesta de mejoras anuales - planificación anual	Anual	Tendencias - OMP																																																																										
	Seguimiento de parámetros de calidad de vertidos de forma periódica e interna (reporte SHE-PM)	Mensual	SHE-PM, registro depuradora e informes G&D																																																																										
	Requerimientos internos del NER más restrictivos que reglajes	Anual	NER y SHE-PM																																																																										
 BUENA CALIDAD DEL AGUA	XPI semanales y actuaciones sobre parámetros de vertido - seguimiento reuniones operacionales	Semanal/mensual	Reuniones operacionales																																																																										
	Realización de simulacros medioambientales: vertido de F&O, vertido de agua sin depurar...	Anual	Informe de simulacros medioambientales																																																																										
	Proyecto en planta de tratamiento para mejora de calidad de agua: reducir cloratos de entrada	Futuro	Proyecto en planta de tratamiento																																																																										
 ÁREAS IMPORTANTES RELACIONADAS CON EL AGUA	Alineamiento de prioridades con las que tiene la cuenca y las áreas importantes de agua	Anual	Análisis de riesgos de site y cuenca																																																																										
	Acciones de limpieza de basura en zonas importantes relacionadas con agua: laguna de Mijadas	Anual	Labor de voluntariado																																																																										
 AGUA POTABLE, SANEAMIENTO E HIGIENE PARA TODOS (WASH)	Proyecto "Solis Responsable" colaborando con CONESA como proveedor y los agricultores mejorando la cuenca	Anual	Proyecto Solis Responsable (web, certificados, ...)																																																																										
	En países europeos no aplica	N/A	N/A																																																																										
<p>3.9.12. (advance) (8 points)</p>	<p>A list of collective action efforts, including the organizations involved, positions of responsible persons of other entities involved, and a description of the role played by the site shall be identified.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The collective action efforts, including the organizations involved (Global Natur, Extremadura Government, CONESA, etc...), positions of responsible people of that entities involved, and a description of the role played by the site are described along the Solis Project presentation (REF27 “1.4.1. Proyecto Solis Responsable (prod. integrada)”) has been reviewed during the audit, as well as the Integrated Production Registration Certificates of Nestlé Mijadas, CONESA and tomato farmers.</p>																																																																									
<p>3.9.13. (advance) (4 points)</p>	<p>Evidence of the quantified improvement that has resulted from the collective action relative to a site-selected baseline date shall be identified and evidence from an appropriate range of stakeholders linked to the collective action (including both those implementing the action and those affected by the action) that the site is materially and positively</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>REF92 “3.5.1 implantacion planes IWRA” is the evidence of:</p> <ul style="list-style-type: none"> - the quantified improvement that has resulted from the collective action (where Nestlé Mijadas collaborated "Trash cleaning initiative around the Orellana Canal as one of the IWRAs (important areas related to water) for the site during June 2019 (3.000kg of waste), - from stakeholders linked to the collective action (those who implement the action and those affected by the action) 																																																																									

	contributing to the achievement of the collective action shall be identified.		- the site is materially and positively contributing to the achievement of the collective action.
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4	EVALUATE			
4.1	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.			
4.1.1 (core)	Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Performance against targets in the site's water stewardship plan are indentified in document REF 79 " 2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS2019 - Fábrica Miajadas"
4.1.2. (core)	Value creation resulting from the water stewardship plan shall be evaluated.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Value creation resulting is defined in REF79 "2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS2019 - Fábrica Miajadas" for each action identified. Some of them are: <ul style="list-style-type: none"> • improving water quality - reducing chlorates in factory drinking water and in the final product • external knowledge on water resources, action plan • better sensitizing/awareness and good governance at all levels of the organization • action, goals, AWS plans, and sharing time to track standard AWS aspects • AWS awareness and collaboration of factory commands and mid-commands for implementation • Awareness of AWS and collaboration of all factory staff in implementing the standard
4.1.3 (core)	The shared value benefits in the catchment shall be identified and where applicable, quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The shared value benefits is defined in REF79 "2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS2019 - Fábrica Miajadas" for each action identified. Some of them are: <ul style="list-style-type: none"> • internal control and monitoring of discharge water parameters according to legal limits • training and awareness-raising of staff involved - involvement of all actors involved in the processes • improved reputation, better relationship with SH in the area

				<ul style="list-style-type: none"> • improve cleaning/state conditions around the canal - collaboration with Libera 1m2 project and Miajadas City Council • improve relationships with Conesa as a tomato supplier and as one of the key stakeholders for the site • improve relations with the Orellana canal's watering community as one of the key stakeholders for the site • improve relations with the city council as one of the key stakeholders for the site" • awareness of water issues in a playful way
4.1.4 (advance)	A governance or executive-level review, including discussion of shared water challenges, water risks, and opportunities, and any water-related cost savings or benefits realized, and any relevant incidents shall be identified.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
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 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>NESTLÉ MIAJADAS has the REF106 "4.2.1. Registro incidentes 2019 (Medio Ambiente)". recording of water-related environmental incidents (leaks normally) - monitored at daily and weekly meetings so that 100% of reported incidents are closed by the end of the year.</p> <p>Every year, all relevant data on HSE and, Quality are compiled in the "Management Review Document" (ex. REF101 "4.2.1. Informe revisión por dirección 2019)" - where the aspects related to water are included.</p>
4.3.	<i>Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.</i>			
4.3.1 (core)	Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>NESTLE MIAJADAS performed a inquiry which has indentified the main stakeholders.</p> <p>The mail stakeholder identified were:</p> <ul style="list-style-type: none"> • REF24 "1.4.1. Certificación AWS en planta Nestlé - Miajadas (cebollas)" • REF25 "1.4.1. Certificación AWS en planta Nestlé - Miajadas (Conesa)"

				<ul style="list-style-type: none"> REF26 "1.4.1. Certificación AWS en planta Nestlé - Miajadas(Saica)"
4.3.1 (core)	Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3.2 (advanced)	The site's efforts to address shared water challenges shall be evaluated by stakeholders. This shall include stakeholder reviewing of the site's efforts across all five outcome areas, and their suggestions for continual improvement.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
4.4.	<i>Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.</i>			
4.4.1. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>It will be reviewed on Surveillance audit.</p> <p>In any case, in the semestral committee meetings, the projects are reviewed and, in the monthly (MOR) the feasibility of them is reevaluated.</p>

5	COMMUNICATE & DISCLOSE			
5.1	Disclose water-related internal governance of the site's management, including the positions of those accountable for legal compliance with water-related local laws and regulations.			
5.1.1. (core)	The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>There is a environmental dashboard where this information is disclosed of those responsible regarding Water issues = Water Stewardship Committee.</p> <p>Training was carried out to factory managers and middle managers = introduction and training to AWS (REF107 "5.1. Lanzamiento AWS Standard - Fábrica Miajadas (sept. 2019)")</p> <p>Training for all factory personnel on AWS basics REF111 "5.1.1. Evidencia formación AWS todo personal (nov 2019)" and REF108 and 109 "5.1. Test formación AWS Miajadas (informativa nov 2019)"</p> <p>There are KPIs for monitoring water consumption, incidents, environmental deviations, etc. at the factory input indicator disclosed in the factory.</p>
5.2	Communicate the water stewardship plan with relevant stakeholders.			
5.2.1. (core)	The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>NESTLE MIAJADAS has performed the following actions in order to communicate the water stewardship plan to the relevant stakeholders:</p> <ul style="list-style-type: none"> • World Water Day in the news. REF112 " 5.2.1. "Comunicado Día Mundial del Agua (marzo 2016)" • The communication of the social responsibility of NESTLÉ MIAJADAS • Spanish Food Awards REF113 " 5.2.1. "Premios Alimentos de España - Solís Responsable (2017)" • REF114 " 5.2.1. "RSE Creación de valor compartido - Solís (enero 2017)" • The intention to get the AWS certification. REF127 "5.4.2. "Invitación auditoría AWS fábrica Nestlé-Miajadas" (March 2020)" • Award for the best business initiative REF137 "RV ACTUALIDAD ECONÓMICA reconoce el éxito empresarial en Extremadura" (Nov 19)" • Mails to a different stakeholders as: <ul style="list-style-type: none"> ○ REF24 "1.4.1. Certificación AWS en planta Nestlé - Miajadas (cebollas)"

				<ul style="list-style-type: none"> ○ REF25 “1.4.1. Certificación AWS en planta Nestlé - Miajadas (Conesa)” ○ REF26 “1.4.1. Certificación AWS en planta Nestlé - Miajadas(Saica)”
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. (core)	A summary of the site’s water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	It will be reviewed on Surveillance audit.
5.3.2. (advanced)	The site’s efforts to implement the AWS Standard shall be disclosed in the organization’s annual report.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
5.3.3. (advanced)	Benefits to the site and stakeholders from implementation of the AWS Standard shall be quantified in the organization’s annual report.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
5.4	<i>Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies.</i>			
5.4.1. (core)	The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The sites shared water-related challenges and efforts made has been disclosed in the followings published articles, meetings,...</p> <ul style="list-style-type: none"> • Article in the Pais newspaper REF116 “5.4.1. Artículo la sed que deshidrata el mundo” • World Water Day communication in the news. REF112 “ 5.2.1. Comunicado Día Mundial del Agua”. • Article in the La Vanguardia newspaper REF118 “ 5.4.1. La Vanguardia - Solis Responsable” • Speaker in the National Environmental Congress REF119 “ 5.4.1. Participación CONAMA - Solís Responsable” • Awards REF120 “5.4.1. Premios Alimentos de España - evidencia (2017)”

5.4.2. (core)	Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Several evidences has been checked concerning the efforts made by the site to engage stakeholders and coordinate and support public-sector agencies:</p> <ul style="list-style-type: none"> • Integrated Production enrollment certificate • Nestlé - Conesa - Global Nature Collaboration • Collaboration for the elaboration of the Easy Guide Food & Biodiversity
<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></p>				
5.5.1. (core)	Any site water-related compliance violations and associated corrections shall be disclosed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	During 2019 there have been no violations compliance.
5.5.2. (core)	Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No corrective actions have been necessary to prevent future compliance violations.
5.5.3. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	It hasn't happened

6 AUDIT FINDINGS

A findings log was issued to NESTLE ESPAÑA, S.A., MIAJADAS FACTORY which detailed the findings raised during the audit. As there were a large number of documents supplied to SGS as evidence and each one had to be reviewed, the findings log acted as a live document and was updated periodically until all indicators and documents had been reviewed for compliance NESTLE ESPAÑA, S.A., MIAJADAS FACTORY was then afforded time to respond to the findings and supply additional information for SGS to the review and to either accept and close the finding or request further information or action. Once all findings were closed by the Lead Auditor all documentation and audit trail were then reviewed by the Certifier.

6.1 MAJOR NON CONFORMANCES

During the course of the audit no major non-conformances were raised.

6.2 MINOR NON CONFORMANCES

During the course of the audit no minor non-conformances were raised

6.3 OBSERVATIONS

Four observations were raised during the audit which are only to be considered as improvement opportunities. No action is necessary during this audit period but these issues would most likely come under scrutiny during a surveillance audit scenario.

Table 6-1: Observations and New Information Requests raised during the AWS audit process

No.	Type	Ref.	Details	Response by NESTLÉ MIAJADAS	Relevant References
1	Observation	133OBS	A new ratio should be developed by which the evolution of water saving in fields is studied. This ratio is based on the comparison of water consumption through traditional farming practices with water consumption through the practices of integrated agriculture. However, today, 100% of the Ha of the site that supply NESTLÉ MIAJADAS, are integrated production, therefore, this ratio will not make sense from now on as an indicator of annual savings.		
2	Observation	171OBS	It would be interesting to establish a criteria (quantifying) in order to assess the status and Risk for REF "1.7.1. y 1.7.2. Riesgos y oportunidades en el site", and update it in order to match the result against the criteria.		
3	Observation	232_1OBS	Include within the Strategic Plan, compliance with the NER requirements (Nestlé's internal legal compliance requirements) concerning the targets of the water parameters)		
4	Observation	232_2OBS	Include, where possible, the monetisation of the costs of actions to achieve the objectives		

7 SUMMARY

In reviewing the body of evidence presented by NESTLE ESPAÑA, S.A., MIAJADAS FACTORY it is apparent that a considerable quantity of effort and work has been put into the preparation for the audit for Alliance for Water Stewardship Certification.

Non major and one minor non-conformances has been identified .

8 OPPORTUNITIES FOR IMPROVEMENT

The certification audit for NESTLE ESPAÑA, S.A., MIAJADAS FACTORY against the AWS Standard is for the initial assessment of conformity and as such allows for some areas for improvement going forward.

As this was a first year assessment focus of the review has been centred on the documented plan and implementation of it to date.

It would be interesting to update the current Stakeholders identified as well as develop new challenges beyond Solis Project.

9 CONCLUSIONS AND RECOMMENDATIONS

Given the review of evidence produced and site visit inspections performed at the NESTLE ESPAÑA, S.A., MIAJADAS FACTORY , SGS recommends that NESTLE ESPAÑA, S.A., MIAJADAS FACTORY is awarded AWS Gold Certified status with a surveillance audit interval of annual frequency.

10 REFERENCES

- REF1 1.1. Gather physical information site FINAL.pdf
- REF2 1.1.1. Mapa cuenca hidrográfica del Guadiana.pdf
- REF3 1.2. Comprensión y análisis Stakeholders.pdf
- REF4 1.3.1 Informe Simulacro MA-2016 - Descarga de sosa.pdf
- REF5 1.3.1 NES-124E4 Checklist respuesta sistema de emergencias (mayo 2019).pdf
- REF6 1.3.1 Vertido accidental de agua oxigenada.pdf
- REF7 1.3.1 Cartel vertido ACCD de agua sin depurar.pdf
- REF8 1.3.1 Cartel vertido accidental almacen productos quimicos.pdf
- REF9 1.3.1 Cartel vertido accidental de detergente (Easyfoam).pdf
- REF10 1.3.1 Cartel vertido accidental de hipoclorito.pdf
- REF11 1.3.1 Cartel vertido accidental de sosa.pdf
- REF12 1.3.1. Informe Simulacro MA 2017 - Vertido de sosa durante descarga.pdf
- REF13 1.3.1. NES- 164 E4 Comunicado de riesgo e incidente SHE.pdf
- REF14 1.3.1. Cartel vertido accidental aceite de girasol.pdf
- REF15 1.3.1. Informe Simulacro MA-2016 - Vertido de agua sin depurar.pdf
- REF16 1.3.2 y 1.3.3. Water mapping del site v3.xlsx
- REF17 1.3.2 y 1.3.3. Water mapping y balance del site.pdf
- REF18 1.3.4. Calidad de agua en el sitio.pdf
- REF19 1.3.5. Fuentes de contaminación en site.pdf
- REF20 1.3.6 y 1.5.5 - Áreas importantes relacionadas con agua (IWRAS).pdf
- REF21 1.3.8. WASH v2 - Miajadas Sept 2018 (revisado aud. rec. hidricos).xlsx
- REF22 1.4. Insumos primarios y auxiliares.xlsx
- REF23 1.4.1. Agua virtual insumos primarios y servicios.pptx
- REF24 1.4.1. Certificación AWS en planta Nestlé - Miajadas (cebollas).msg
- REF25 1.4.1. Certificación AWS en planta Nestlé - Miajadas (Conesa).msg
- REF26 1.4.1. Certificación AWS en planta Nestlé - Miajadas(Saica).msg
- REF27 1.4.1. Proyecto Solís Responsable (prod. integrada).pdf
- REF28 1.4.1. y 1.4.2. Uso de agua virtual en insumos.pdf
- REF29 1.5.1. Buenas prácticas en uso socio-recreativo en el Guadiana.pdf
- REF30 1.5.1. Decálogo CHG del uso eficiente del agua.pdf
- REF31 1.5.1. Guadiconsejos - consejos para conservar el agua.pdf
- REF32 1.5.1. Importancia de vegetación de ribera CHG.pdf
- REF33 1.5.1. Información sobre la cuenca del Guadiana.pdf
- REF34 1.5.1. Iniciativa para gastar menos agua CHG.pdf
- REF35 1.5.1. Iniciativas CHG para hacer río Guadiana un río mejor 2009.pdf
- REF36 1.5.1. Plan especial de sequía - memoria 2018.pdf
- REF37 1.5.1. Plan integral contra el camalote del Guadiana.pdf
- REF38 1.5.1. Plan riesgo inundacion 2016-2021.pdf
- REF39 1.5.1. Planes hidrológicos del Guadiana - ideas básicas.pdf
- REF40 1.5.1. Programa A.G.U.A. de CHG.pdf
- REF41 1.5.1. Restauración de aguas y cauces CHG.pdf
- REF42 1.5.1. Seguimiento plan hidrológico Guadiana - memoria 2017.pdf
- REF43 1.5.1. Tríptico plan hidrológico del Guadiana.pdf
- REF44 1.5.2 - Orden AAA modelos oficiales solicitud vertido.pdf
- REF45 1.5.2. BOE zonas sensible en intercomunidades.pdf
- REF46 1.5.2. BOE-A-2001-14276-consolidado.pdf
- REF47 1.5.2. Informe diagnóstico - AGUA (agosto 2019).pdf
- REF48 1.5.2. Lista referencias legales - AGUA (agosto 2019).pdf
- REF49 1.5.2. RD 11-1995 aguas residuales urbanas.pdf

REF50	1.5.2. RD 509-1996 tratamiento aguas residuales urbanas.pdf
REF51	1.5.2. RD 817-2015 calidad aguas superficiales.pdf
REF52	1.5.2. RD 849-1986 regl. dominio publico hidraulico.pdf
REF53	1.5.2. RD 1620-2007 reutilizacion aguas depuradas.pdf
REF54	1.5.2. Reporte estado cumplimiento - AGUA (agosto 2019).pdf
REF55	1.5.3 WRF - Resultados de cuenca y site.pdf
REF56	1.5.3. Informe indicador sequía Guadiana (agosto 2019).pdf
REF57	1.5.3. WRF_Risk_Assessment_Methodology_2019.pdf
REF58	1.5.3. Balance hídrico cuenca y escasez.pdf
REF59	1.5.3. Estudio vulnerabilidad - riesgos amb.fuentes suministro de agua.pdf
REF60	1.5.3. WRF_Source_Descriptions_Links_Spain.pdf
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REF65	1.5.6. Infraestructura de cuenca.pdf
REF66	1.5.7. Idoneidad servicios WASH en cuenca.pdf
REF67	1.6.1. y 1.6.2. Desafíos de la cuenca e iniciativas.pdf
REF68	1.7.1. y 1.7.2. Riesgos y oportunidades en el site.pdf
REF69	1.8. Mejores prácticas para AWS.pptx
REF70	2.1. Compromiso local liderazgo custodia agua - Miajadas.pdf
REF71	2.1.1. Principios corporativos Nestlé.pdf
REF72	2.1.2. Folleto Compromisos Nestlé Tierra 2019.pdf
REF73	2.1.2. Informe no financiero Nestlé España 2018.pdf
REF74	2.2.1 y 3.2.1. Cumplimiento legal site.pdf
REF75	2.2.1. Roles y responsabilidades AGUA.pdf
REF76	2.2.1. y 3.2.1. Informe estado cumplimiento legal site.pdf
REF77	2.3. 2.4. 3.3. 3.5. 4.1 Estrategia AWS e indicadores de seguimiento 2019.pdf
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REF79	2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS 2019 - Fábrica Miajadas.pdf
REF80	2.3. 2.4. 3.3. 3.5. 4.1 Plan AWS 2020 - Fábrica Miajadas.pdf
REF81	2.3. Estrategia y plan AWS del sites FINAL.xlsx
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REF88	3.1.2 Business and Human Rights Booklet.pdf
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REF100	3.9. Best practices en el site.pdf
REF101	4.2.1. Informe revisión por dirección 2018.pdf
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REF104	4.2.1. Informe Simulacro MA2017 - Derrame sosa en descarga.pdf
REF105	4.2.1. NES-124 verificación sistemas emergencia 2018.pdf
REF106	4.2.1. Registro incidentes 2019 (Medio Ambiente).xlsx
REF107	5.1. Lanzamiento AWS Standard - Fábrica Miajadas (sept. 2019).pdf
REF108	5.1. Test formación AWS Miajadas (informativa nov 2019) - respuestas.pdf
REF109	5.1. Test formación AWS Miajadas (informativa nov 2019).pdf
REF110	5.1.1. Divulgar gobernanza interna del sitio.docx
REF111	5.1.1. Evidencia formación AWS todo personal (nov 2019).pdf
REF112	5.2.1. Comunicado Día Mundial del Agua (marzo 2016).pdf
REF113	5.2.1. Premios Alimentos de España - Solís Responsable (2017).pdf
REF114	5.2.1. RSE Creación de valor compartido - Solís (enero 2017).pdf
REF115	5.3.1. Informe no financiero Nestlé España 2018.pdf
REF116	5.4.1. Artículo la sed que deshidrata el mundo (junio 2015).pdf
REF117	5.4.1. Día Mundial Agua - General Nestlé (marzo 2017).pdf
REF118	5.4.1. La Vanguardia - Solís Responsable (enero 2017).pdf
REF119	5.4.1. Participación CONAMA - Solís Responsable (dic 2016).pdf
REF120	5.4.1. Premios Alimentos de España - evidencia (2017).pdf
REF121	5.4.1. Retos medioambientales - DMMA (junio 2016) - mencionan Miajadas.pdf
REF122	5.4.2. Certificado inscripción Producción integrada 2013.pdf
REF123	5.4.2. Colaboración Nestlé Conesa Global Nature (abril 2015).pdf
REF124	5.4.2. Colaboración Nestlé Conesa Global Nature 2 (abril 2015).pdf
REF125	5.4.2. Día Mundial Agua - General Nestlé (marzo 2017).pdf
REF126	5.4.2. Guía fácil Food&Biodiversity - Colabora Nestlé.pdf
REF127	5.4.2. Invitación auditoría AWS fábrica Nestlé-Miajadas.msg
REF128	5.4.2. Memoria 2018 Fund. Global Nature - Colabora Nestlé.pdf
REF129	5.4.2. Premio nestle sector agroalimentario (oct 2016).pdf
REF130	Certificado Producción Integrada - Fábrica Nestlé Miajadas 2019.pdf
REF131	Concurso de fotos - Pon tu gota de agua .msg
REF132	Evidencia firmas asistencia fábrica stakeholders (4-3-20).pdf
REF133	Evidencia firmas formación mandos AWS (sept 19).pdf
REF134	Lanzamiento AWS Standard - Fábrica Miajadas (sept. 2019).pdf
REF135	Plantilla alerta incidentes.pptx
REF136	RSE Creación de valor compartido - Solís (enero 2017).pdf
REF137	RV ACTUALIDAD ECONÓMICA reconoce el éxito empresarial en Extremadura.msg
REF138	RV Premio a la mejor iniciativa empresarial.msg
REF139	SHE-PM Herramienta reporte e historial datos.pdf
REF140	solis en miajadas.pdf

Appendix 1
SGS audit checklist

Clause	Details	Yes	No	Comments/Evidence
1	GATHER AND UNDERSTAND			
1.1	<i>Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the Canals from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.</i>			
1.1.1 (core)	The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including: <ul style="list-style-type: none"> - Site boundaries; - Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; - Any Canals 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 Canal; - 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. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.2	<i>Understand relevant stakeholders, their waterrelated challenges, and the site's ability to influence beyond its boundaries.</i>			
1.2.1 (core)	Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall: <ul style="list-style-type: none"> - 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 Canal 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. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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1.2.2 (core)	Current and potential degree of influence between site and stakeholder shall be identified, within the catchment and considering the site's ultimate Canal and ultimate receiving water body for wastewater.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3	<i>Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.</i>			
1.3.1 (core)	Existing water-related incident response plans shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3.2 (core)	Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3.3 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Obs.1. A new ratio should be developed by which the evolution of water saving in fields is studied. This ratio is based on the comparison of water consumption through traditional farming practices with water consumption through the practices of integrated agriculture. However, today, 100% of the Ha of the site that supply NESTLÉ MIAJADAS, are integrated production, therefore, this ratio will not make sense from now on as an indicator of annual savings.
1.3.4 (core)	Water quality of the site's Canal(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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3.5 (core)	Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3.6 (core)	On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3.7 (core)	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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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	identified and used to inform the evaluation of the plan in 4.1.2.				
1.3.8 (core)	Levels of access and adequacy of WASH at the site shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
1.4	<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>				
1.4.1 (core)	The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
1.4.2 (core)	The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
1.4.3 (advanced)	The embedded water use of primary inputs in catchment(s) of origin shall be quantified.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future	
1.5	<i>Gather water-related data for the catchment, including: water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH</i>				
1.5.1 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
1.5.2 (core)	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
1.5.3 (core)	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
1.5.4 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
1.5.5 (core)	Important Water-Related Areas shall be identified, and where appropriate, mapped, and their status assessed including any threats to people or the natural	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
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Clause	Details	Yes	No	Comments/Evidence
	environment, using scientific information and through stakeholder engagement.			
1.5.6. (core)	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.7. (core)	The adequacy of available WASH services within the catchment shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.5.8. (advanced)	Efforts by the site to support and undertake catchment level water-related data collection shall be identified	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
1.5.9. (advanced)	The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
1.6	<i>Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.</i>			
1.6.1 (core)	Shared water challenges shall be identified and prioritized from the information gathered.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6.2. (core)	Initiatives to address shared water challenges shall be identified	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6.3. (advanced)	Future water issues shall be identified, including anticipated impacts and trends	<input type="checkbox"/>	<input type="checkbox"/>	
1.6.4. (advanced)	Potential water-related social impacts from the site shall be identified, resulting in a social impact assessment with a particular focus on water.	<input type="checkbox"/>	<input type="checkbox"/>	
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 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Obs 2. It would be interesting to establish a criteria (quantifying) in order to assess the status and Risk for REF "1.7.1. y 1.7.2. Riesgos y oportunidades en el site", and update it in order to match the result against the criteria.
1.7.2 (core)	Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.8	<i>Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.</i>			
1.8.1. (core)	Relevant catchment best practice for water governance shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.8.2. (core)	Relevant sector and/or catchment best practice for water balance (either through	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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	water efficiency or less total water use) shall be identified.			
1.8.3. (core)	Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.8.4. (core)	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.8.5 (core)	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2	COMMIT AND PLAN			
2.1	<i>Commit to water stewardship by having the senior-most manager in charge of water at the site, or if necessary, a suitable individual within the organization head office, sign and publicly disclose a commitment to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and the allocation of required resources.</i>			
2.1.1. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.1.2. (advanced)	A statement that explicitly covers all requirements set out in Indicator 2.1.1 and is signed by the organization's senior-most executive or governance body and publicly disclosed shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.2.	<i>Develop and document a process to achieve and maintain legal and regulatory compliance.</i>			
2.2.1. (core)	The system to maintain compliance obligations for water and wastewater management shall be identified, including: - Identification of responsible persons/positions within facility organizational structure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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	- Process for submissions to regulatory agencies.			
2.3	<i>Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.</i>			
2.3.1 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3.2 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Obs. 3 Include within the Strategic Plan, compliance with the NER requirements (Nestlé’s internal legal compliance requirements) concerning the targets of the water parameters) Obs 4 Include, where possible, the monetisation of the costs of actions to achieve the objectives
2.3.3 (advance)	The site’s partnership/water stewardship activities with other sites within the same catchment (which may or may not be under the same organisational ownership) shall be identified and described.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3.4 (advance)	The site’s partnership/water stewardship activities with other sites in another catchment(s) (either under same corporate structure or with another corporate site) shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3.5 (advance)	Stakeholder consensus shall be sought on the site’s water stewardship plan. Consensus should be achieved on at least one target. A list of targets that have consensus and in which stakeholders are involved shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4.	<i>Demonstrate the site’s responsiveness and resilience to respond to water risks</i>			
2.4.1 (core)	A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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2.4.2 (advance)	A plan to mitigate or adapt to water risks associated with climate change projections developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
3	IMPLEMENT			
3.1.	<i>Implement plan to participate positively in catchment governance.</i>			
3.1.1. (core)	Evidence that the site has supported good catchment governance shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.1.2. (core)	Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.1.3. (advanced)	Evidence of improvements in water governance capacity from a site-selected baseline date shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.1.4. (advanced)	Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the good water governance of the catchment shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.2.	<i>Implement system to comply with water-related legal and regulatory requirements and respect water rights.</i>			
3.2.1. (core)	A process to verify full legal and regulatory compliance shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.2.2 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.3.	<i>Implement plan to achieve site water balance targets.</i>			
3.3.1 (core)	Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.3.2 (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.3.3. (core)	Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.3.4. (advanced)	The total volume of water voluntarily re-allocated (from site water savings) for social,	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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	cultural and environmental needs shall be quantified.			
3.4.	<i>Implement plan to achieve site water quality targets.</i>			
3.4.1. (core)	Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.4.2. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.5.	<i>Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.</i>			
3.5.1. (core)	Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.5.2. (advanced)	Evidence of completed restoration of non-functioning or severely degraded Important Water-Related Areas including where appropriate cultural values from a site-selected baseline date shall be identified. Restored areas may be outside of the site, but within the catchment.	<input type="checkbox"/>	<input type="checkbox"/>	
3.5.3. (advanced)	Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the healthy status of Important Water-Related Areas in the catchment shall be identified.	<input type="checkbox"/>	<input type="checkbox"/>	
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. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.6.2. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.6.3. (advanced)	list of actions taken to support the provision to stakeholders in the catchment of access to safe	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future

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	drinking water, adequate sanitation and hygiene awareness shall be identified			
3.6.4. (advanced)	In catchments where WASH has been identified as a shared water challenge, evidence of efforts taken with relevant public-sector agencies to share information and to advocate for change to address access to safe drinking water and sanitation shall be identified.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
3.7.	<i>Implement plan to maintain or improve indirect water use within the catchment.</i>			
3.7.1. (core)	Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7.2. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7.3. (advanced)	Actions taken to address water related risks and challenges related to indirect water use outside the catchment shall be documented and evaluated.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8	<i>Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.</i>			
3.8.1. (core)	Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9	<i>Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.</i>			
3.9.1. (core)	Actions towards achieving best practice, related to water governance, as applicable, shall be implemented	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.2. (core)	Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.3. (core)	Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.4. (core)	Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.5. (core)	Actions towards achieving best practice, related to targets in terms of the site's maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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	of Important Water-Related Areas shall be implemented.			
3.9.6. (advance)	Achievement of identified best practice related to targets in terms of good water governance shall be quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.7. (advance)	Achievement of identified best practice related to targets in terms of sustainable water balance shall be quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.8. (advance)	Achievement of identified best practices related to targets in terms of water quality shall be quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.9. (advance)	Achievement of identified best practices related to targets in terms of the site's maintenance of Important Water-Related Areas have been implemented.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.10. (advance)	Achievement of identified best practice related to targets in terms of WASH shall be quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.11. (advance)	A list of efforts to spread best practices shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9.12. (advance)	A list of collective action efforts, including the organizations involved, positions of responsible persons of other entities involved, and a description of the role played by the site shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	EVALUATE			
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 (core)	Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.1.2. (core)	Value creation resulting from the water stewardship plan shall be evaluated.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.1.3 (core)	The shared value benefits in the catchment shall be identified and where applicable, quantified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.1.4 (advance)	A governance or executive-level review, including discussion of shared water challenges, water risks, and opportunities, and any water-related cost savings or benefits realized, and any relevant incidents shall be identified.	<input type="checkbox"/>	<input type="checkbox"/>	
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>			

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Clause	Details	Yes	No	Comments/Evidence
4.2.1. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3.	<i>Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.</i>			
4.3.1 (core)	Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3.2 (advanced)	The site's efforts to address shared water challenges shall be evaluated by stakeholders. This shall include stakeholder reviewing of the site's efforts across all five outcome areas, and their suggestions for continual improvement.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
4.4.	<i>Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.</i>			
4.4.1. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5	COMMUNICATE & DISCLOSE			
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. (core)	The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5.2	<i>Communicate the water stewardship plan with relevant stakeholders.</i>			
5.2.1. (core)	The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-
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. (core)	A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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5.3.2. (advanced)	The site's efforts to implement the AWS Standard shall be disclosed in the organization's annual report.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
5.3.3. (advanced)	Benefits to the site and stakeholders from implementation of the AWS Standard shall be quantified in the organization's annual report.	<input type="checkbox"/>	<input type="checkbox"/>	Nestlé Miajadas were just not applied in this case, but the site could apply in the future
5.4	<i>Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies.</i>			
5.4.1. (core)	The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5.4.2. (core)	Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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. (core)	Any site water-related compliance violations and associated corrections shall be disclosed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5.5.2. (core)	Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5.5.3. (core)	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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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