Alliance for Water Stewardship Assessment Report

Prepared for Nestlé Waters Viladrau

(AWS-000182)

Prepared by: SGS

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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 Nestlè Waters Viladrau Factory (hereinafter referred to as “the site”) located at Camino Vell De s/n, – 17406 Viladrau (Girona), 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 1968 as a mineral water bottling plant.

On November. 19-12, 2019, 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 1 minor non conformance, 3 observations and 1 improvement opportunity.

Given the review of evidence produced and site visit inspections performed at the NESTLÉ WATERS VILADRAU, SGS recommends that NESTLÉ WATERS VILADRAU, is awarded AWS Core 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 Nestlè Waters Viladrau Factory (hereinafter referred to as “the site”) located at Camino Vell De s/n– 17406 Viladrau (Girona), in Spain.

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

On November. 19-20, 2019, 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	
Jerónimo Casas	Team Leader	AWS certified auditor, with more than 19 years experience in pollution control, environmental impact assessment, ISO14001 audit and training.
Paula Gómez	Team Member	AWS certified auditor, with more than 15 years experience in environmental impact assessment, audit and training.
Iñigo Fernández	Hydrogeologist	Expert Technician
Francesca Cerchia	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 bottling plant, together with personnel interviews and document reviews.

Site provided most of the requested supporting documentation as evidence whilst 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 November 20th, 2019.

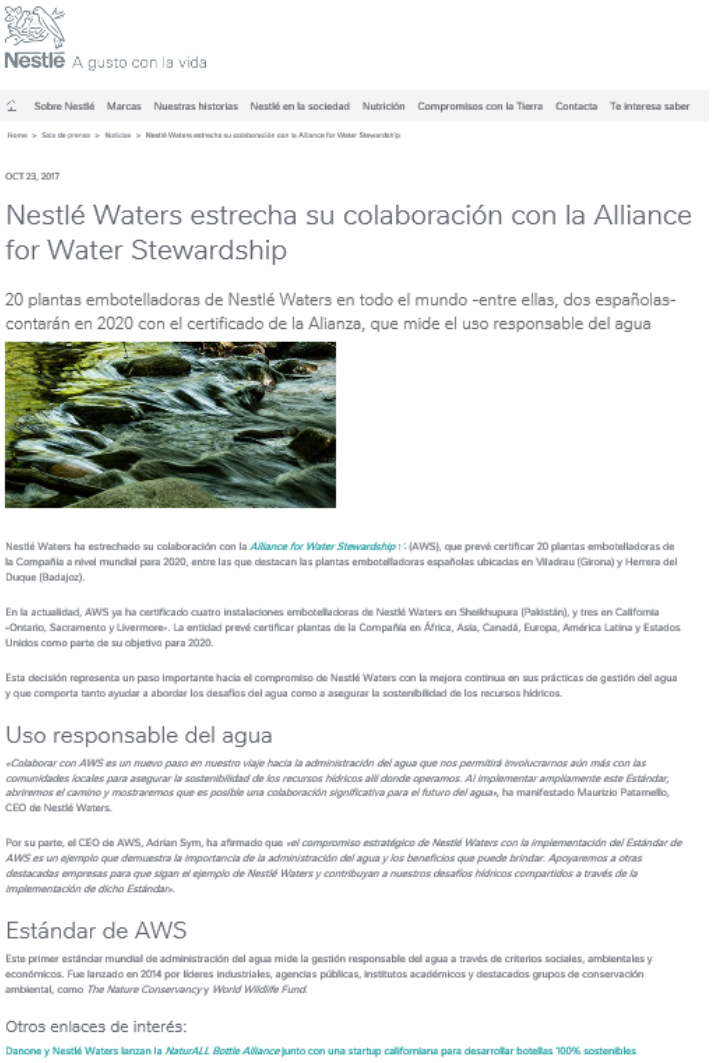
3 STAKEHOLDER ANNOUNCEMENT AND CONSULTATION

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.

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/sala-de-prensa/actualidad-nestle/nestle-waters-y-alliance-for-water-stewardship



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OCT 23, 2017

Nestlé Waters estrecha su colaboración con la Alliance for Water Stewardship

20 plantas embotelladoras de Nestlé Waters en todo el mundo -entre ellas, dos españolas- contarán en 2020 con el certificado de la Alianza, que mide el uso responsable del agua

Nestlé Waters ha estrechado su colaboración con la *Alliance for Water Stewardship* (AWS), que prevé certificar 20 plantas embotelladoras de la Compañía a nivel mundial para 2020, entre las que destacan las plantas embotelladoras españolas ubicadas en Viladrau (Girona) y Herrera del Duque (Badajoz).

En la actualidad, AWS ya ha certificado cuatro instalaciones embotelladoras de Nestlé Waters en Sheikhupura (Pakistán), y tres en California «Ontario, Sacramento y Livermore». La entidad prevé certificar plantas de la Compañía en África, Asia, Canadá, Europa, América Latina y Estados Unidos como parte de su objetivo para 2020.

Esta decisión representa un paso importante hacia el compromiso de Nestlé Waters con la mejora continua en sus prácticas de gestión del agua y que comporta tanto ayudar a abordar los desafíos del agua como a asegurar la sostenibilidad de los recursos hídricos.

Uso responsable del agua

«Colaborar con AWS es un nuevo paso en nuestro viaje hacia la administración del agua que nos permitirá involucrarnos aún más con las comunidades locales para asegurar la sostenibilidad de los recursos hídricos allí donde operamos. Al implementar ampliamente este Estándar, abriremos el camino y mostraremos que es posible una colaboración significativa para el futuro del agua», ha manifestado Maurizio Patarnello, CEO de Nestlé Waters.

Por su parte, el CEO de AWS, Adrian Sym, ha afirmado que *«el compromiso estratégico de Nestlé Waters con la implementación del Estándar de AWS es un ejemplo que demuestra la importancia de la administración del agua y los beneficios que puede brindar. Apoyaremos a otras destacadas empresas para que sigan el ejemplo de Nestlé Waters y contribuyan a nuestros desafíos hídricos compartidos a través de la implementación de dicho Estándar»*.

Estándar de AWS

Este primer estándar mundial de administración del agua mide la gestión responsable del agua a través de criterios sociales, ambientales y económicos. Fue lanzado en 2014 por líderes industriales, agencias públicas, institutos académicos y destacados grupos de conservación ambiental, como *The Nature Conservancy* y *World Wildlife Fund*.

Otros enlaces de interés:

Danone y Nestlé Waters lanzan la *NaturALL Bottle Alliance* junto con una startup californiana para desarrollar botellas 100% sostenibles

Figure 1 Information Disclosure posted on site´s webpage

During the conformity assessment, only one stakeholder (former Viladrau´s Major) participated to the consultation. She confirmed a good water gobernance from NESTLE WATERS VILADRAU. She focused her comments about water given by NESTLE to the city last summer.

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

Name	Description
AWS Canet 2019	October 2019 Water stewardship
World water day 2019	22th March 2019 Natural ParkDifferents trainings with local students City Hall Neighborhood University
" Acord Marc de Col.laboració Parc Natural del Montseny"	Meeting took place on 27 April 2019 Natural Park Competent Authorities Viladrau Authorities
“Jornada medioambiental “el sector de las aguas minerales y la economía circular”	Meeting took place on 16 October 2018 Madrid
"Grupo Expertos en Hidrogeologia/ Proyecto LIFE "Triton"	Work ongoing Natural Park of Montseny
SIAGA congress presentation	Meeting took place on 25 October 2018 Huelva,.
Jornada Tècnica d'Espais Naturals 'La col·laboració publicoprivada en la gestió d’espais protegits'	Meeting took place on 14 November 2019, Politicians, municipal technicians. People involved in environmental management of Natural Parks

Table 3-1: Stakeholder meetings

4 DESCRIPTION OF CATCHMENT

General scope

The Viladrau factory is located in the The Montseny Natural Park and the factory owns 70 ha of land.

The Montseny Natural Park was created in 1977 and in 1978 it was included by UNESCO in the World Network of Biosphere Reserves. It covers 31,063 hectares.

The Montseny is a mountain mass ranging from 200 m to over 1700 m of altitude, very close to Mediterranean sea.

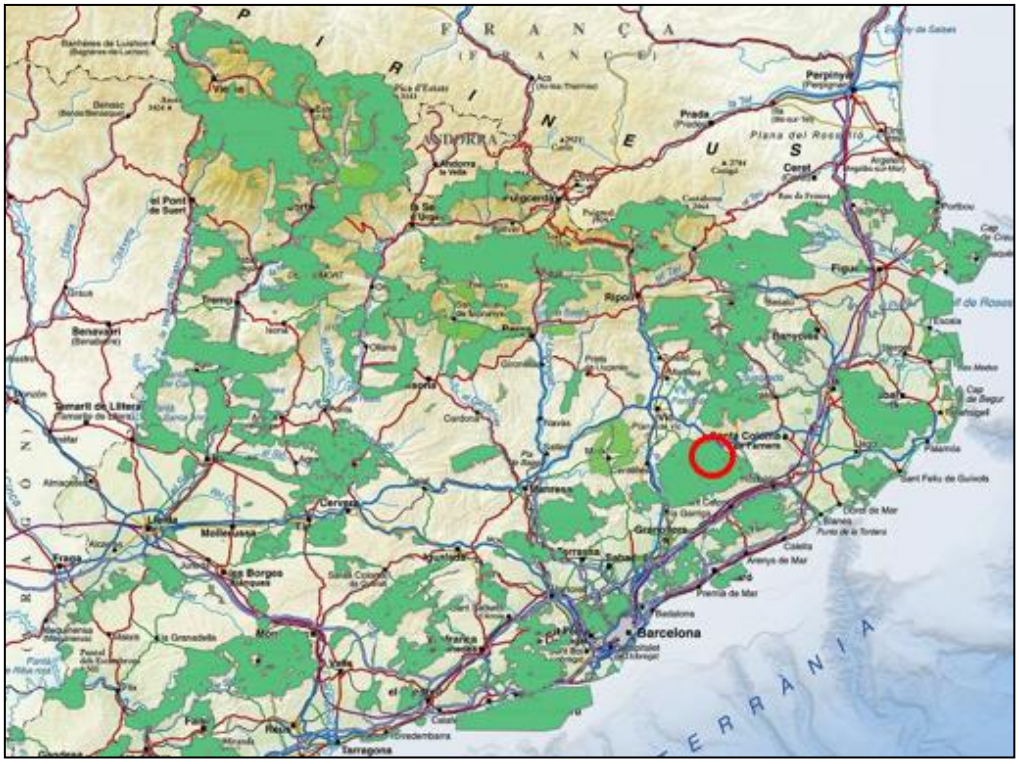


Figure 2:Location of the Viladrau Factory

The territorial scope of the hydrographic demarcation is the Fluvial Basin of Catalonia (European code: ES100) established in the Law 31/2009, of 24 February, that delimits the territorial scope of hydrographic or Fluvial basin of Catalonia.

The hydrography of the Fluvial Basin of Catalonia is constituted by the internal hydrographic basins of Catalonia: basins and sub-basins that drain the surface waters to the rivers Muga, Fluvia, Ter, Daró, Tordera, Besòs, Llobregat, Foix, Gaià, Francolí and Riudecanyes, and those of all the coastal streams between the French border and the Sénia River basin, including the basins of Sant Pere's ravine in the north of the Ebro basin, and the basins of the creeks of Montsià located next to the lower parts of the basins of the Ebro and Senia.

Also part of the hydrographic or Fluvial Basin of Catalonia are the underground water masses located under the superficial delimitation of the river basins as well as the coastal water masses from the coastal slope in the northern boundary of the municipality of Portbou, and Cap Roig in the municipality of Perelló.

The internal basin complex, which make up the Catalonian River Basin, is divided into 28 hydrological units, basins, sub-basins or whole basins which represent the equivalent of 52% of the territory of Catalonia. They include the basins of several rivers, including the included Tordera, which is the river located in the scope studied.

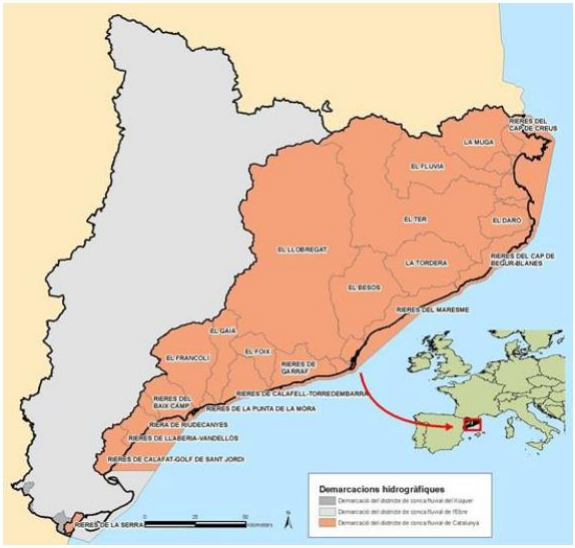


Figure 3:Territorial scope of the Catalan River Basin District (DCFC)

The units of analyses to proceed at the delimitation of the masses of underground water are the hydrogeological areas defined by the Geologic Service of Catalonia. In each hydrogeological areas are identified and defined the aquifers according to the typology, the grade of exploitation and the hydraulic characteristics.

Subsequently, based on the hydrochemical characteristics, pressures, impacts and levels of protection of the identified aquifers, 37 groundwater bodies associated with DCFC are delimited. The average length of these bodies of water is 9,381 km2.

The groundwater mass in which the physical scope is located, according to the official classification of the A.C.A. (L'Agència Catalana de l'Aigua), is the body of water no. 13 called Montseny Guilleries.

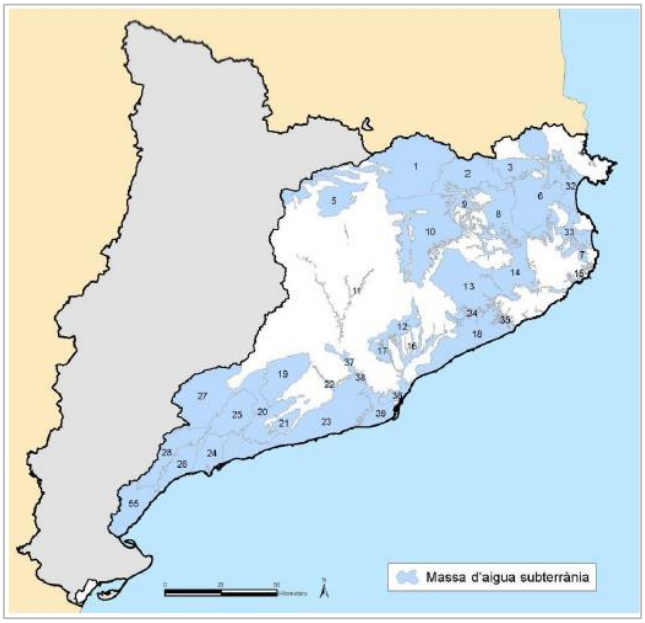


Figure 4:Groundwater masses of the A.C.A. (L'Agència Catalana de l'Aigua)

Codi	Nom de la massa d'aigua subterrània	Entrades pluja	Entrades riu	Entrades laterals	Total entrades (inclou altres entrades com regs i xarxes)	Transferència a altres masses	Demanda ambiental	Sortides a mar	Total sortides	Recurs natural subterrani disponible
13	Montseny-Guilleries	89,8	0,0	0,0	90,1	18,9	33,0	0,0	51,9	38,2

Figure 5:Natural balance in the Montseny Guilleries groundwater body

The assessment of the overall state of groundwater is determined by quantitative or chemical status of groundwater bodies. 9 bodies of water have a good general condition. These masses are mainly located inland, in headland areas, including the Tordera River basin.

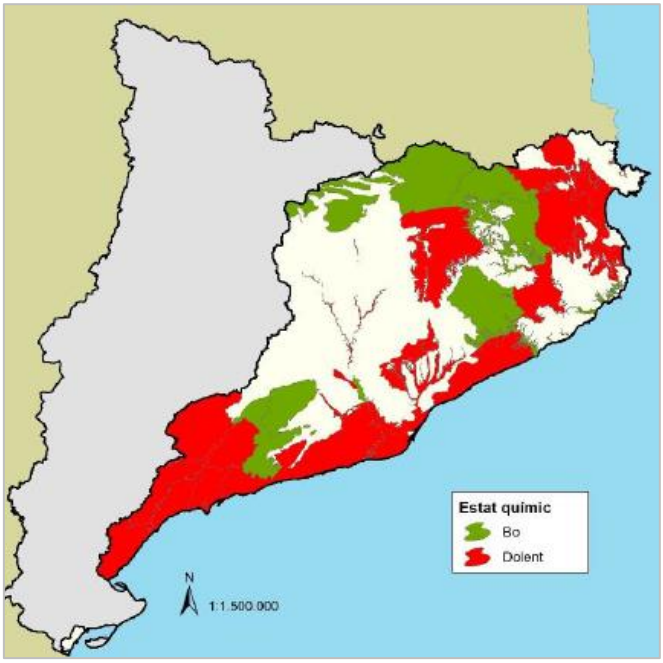


Figure 6:Viladrau Factory location into map of the general state of the groundwater masses

AWS scope

Nestlé Waters Spain has a bottling plant between the populations of Viladrau and Arbúcies, which has been incorporated into the Montseny Natural Park

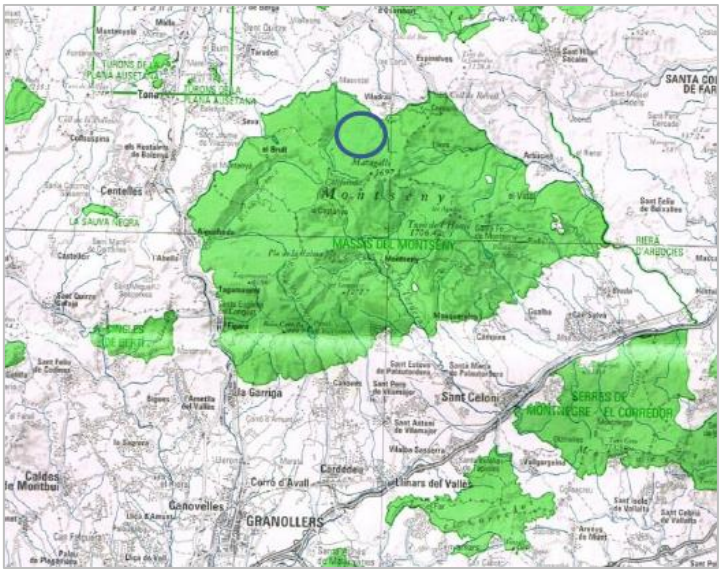


Figure 7:Extension of the Natural Park of Montseny

Within this area, the map below defines the scope of AWS identifying the water relationships with the main stakeholders.

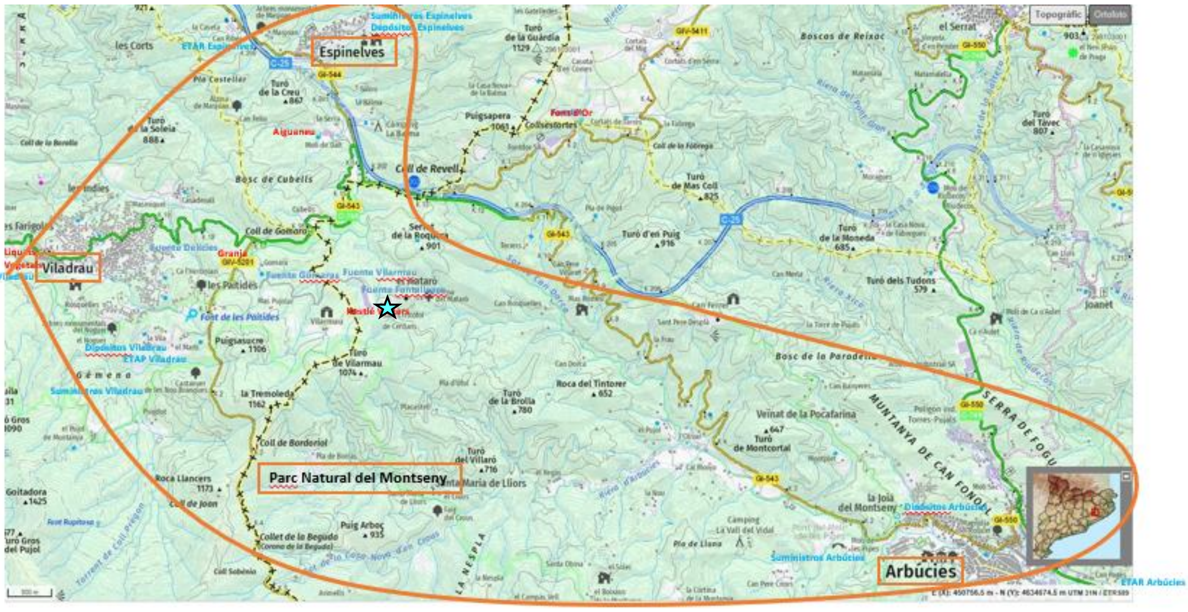


Figure 8:Main Viladrau Nestlè Waters stakeholders relationships

The protection perimeters of the Montseny Park are both in the Viladrau area that belongs to the Osona region and the Ter river basin, in the municipality of Arbúcies, which belongs to the La Selva region and the Tordera river basin.

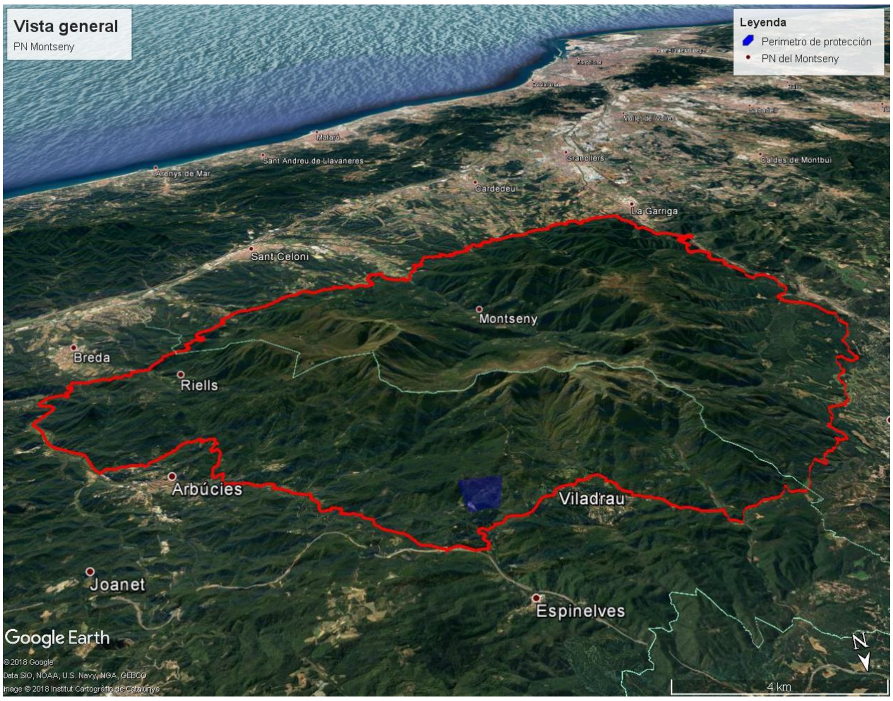


Figure 9:Situation of the Protection Perimeters of VILADRAU and AQUAREL-Avets fully incorporated or within the Parc Natural del Montseny.

Nestlé Waters Viladrau bottles two lines or two differentiated commercial brands in the Montseny: the waters known as VILADRAU and AQUAREL-AVETS.

Both brands are included almost in the same Perimeter of Protection and both with the denomination of mineral-natural waters. Internally and with the mining administration, there has been a rationalization of the distribution of both denominations among the various supply wells. The exploitation is in the granite massif of Montseny (Figures 10 and 11)

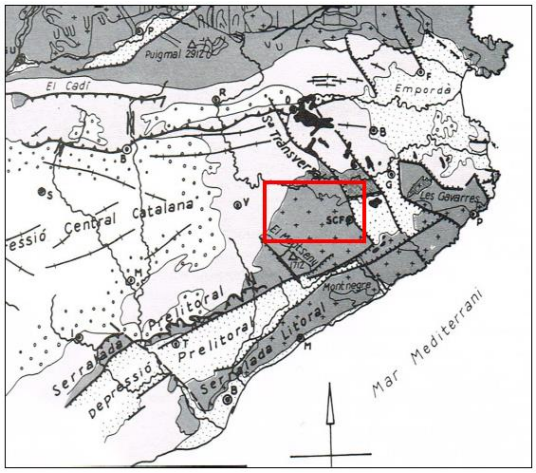


Figure 10:Structural scheme of the Pre-coastal mountain range, between the Catalan Central Depression and the Pre-coastal Depression (regions of Osona and La Selva)

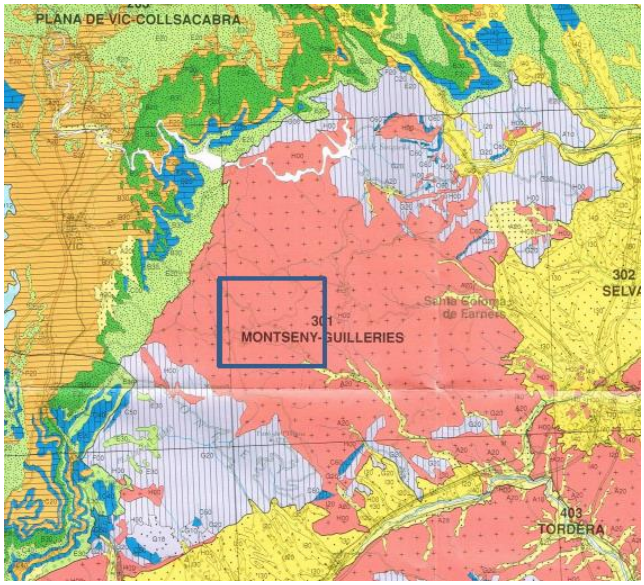


Figure 11:Geological scheme of the massif of the Montseny, mostly granite, between the paleogenic materials of the Central Depression and the neogenic materials of pre-littoral depression

There are a total of 10 vertical wells exploited and these are in the protection perimeter. The wells distances from the industrial plant can exceed 1000 meters.

In addition to the mentioned 10 wells. there is an 11th one used as industrial water: the water is microfiltered to reuse and recirculate, before diverting it to the treatment plant.

All the space covered by the Protection Perimeters, the areas of influence of the wells and ancient springs belong to the great Hercínic granitic batolite of the Massif del Montseny, which thanks to its topography, morphology, between the Pyrenean reliefs and The coastline constitutes a considerable rainfall maximum.

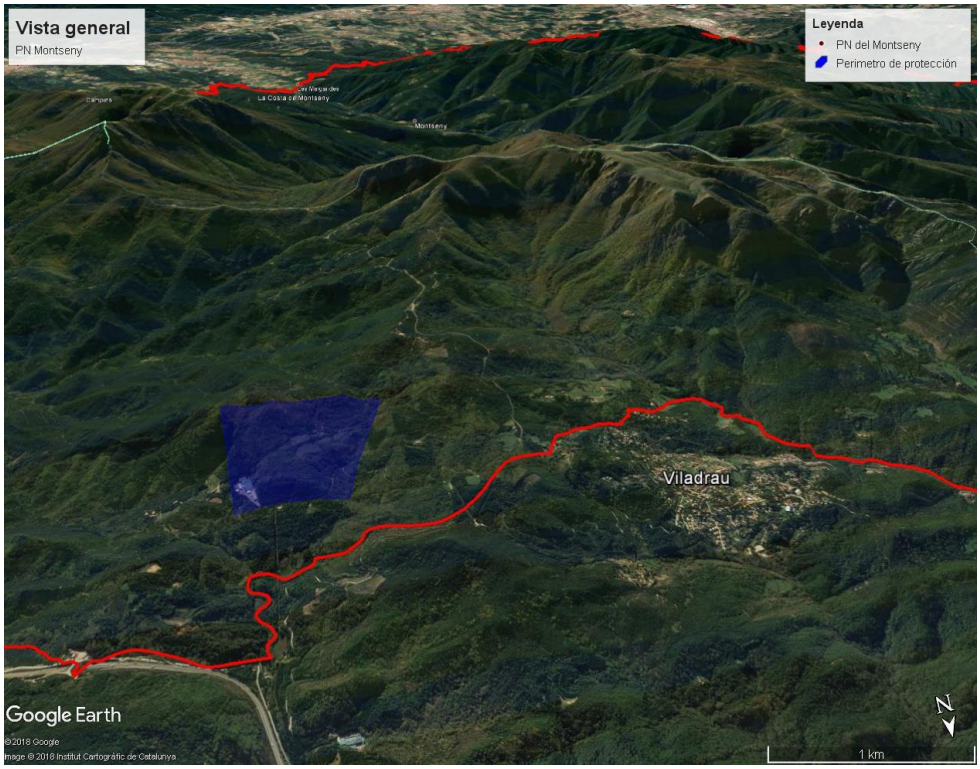


Figure 12:General view of the Protection Perimeters, with the limit of the National Park.

The surface basins that cover the Perimeter of protection have an important influence on the recharge, exploitation and are a guarantee of sustainability.

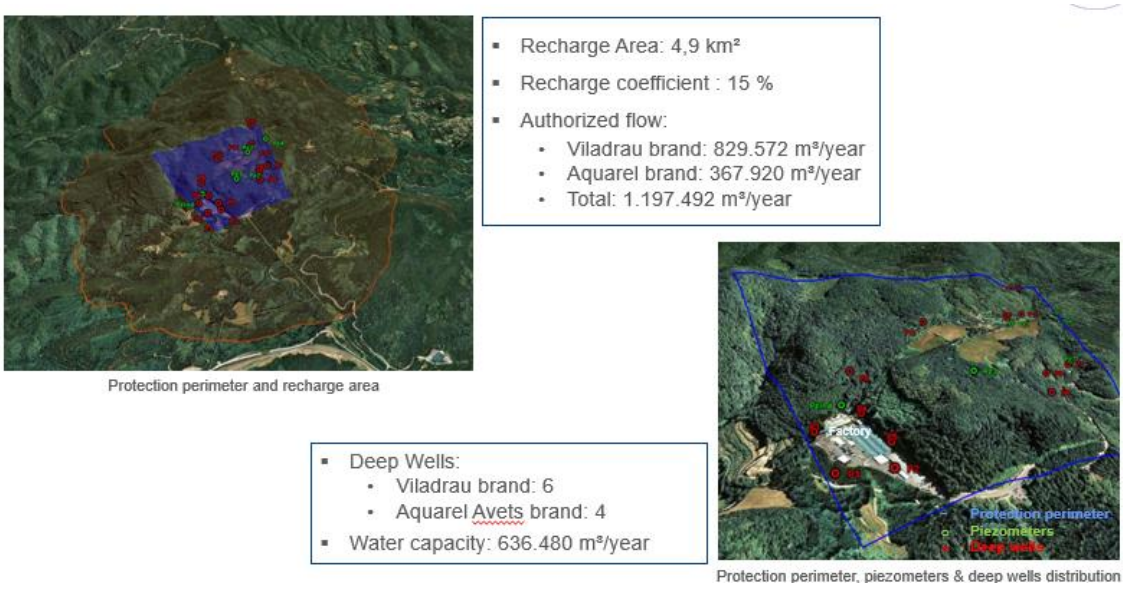


Figure 13:Protection perimeter and recharge area and piezometers and deep wells distribution

5 surface basins are affected by the wells in the protection perimeter.

Basins 5 and 3 seem to exceed the scope of the protection perimiter, the action radio is within the protection perimeter scope, so these surface basins and their hydrogeological basins should be considered.

The following figure shows the action radio influence, as well as the maximum wells action radio

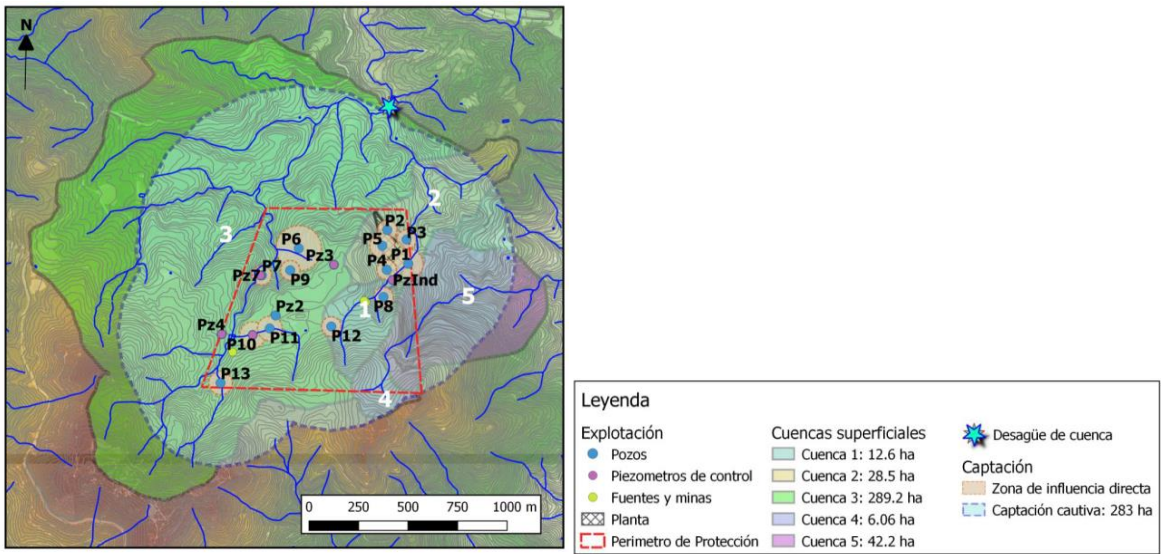


Figure 14:The surface basins that completely cover the direct areas of influence of the catchments

The surface hydrological basins are attached to each other, logically never overlap. The same cannot be said in hydrogeological basins, or rather hydrodynamics, where in a given area there may be different points of the waters contained in these spaces. The previous 3D model-scheme illustrates the issue.

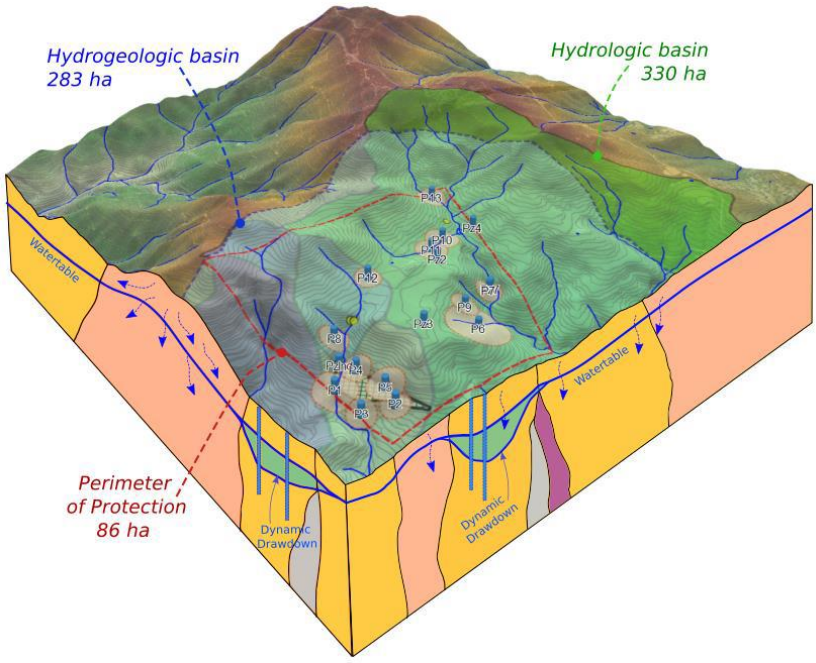


Figure 15:Conceptual scheme of the granite massif that is exploited

The global area of the catchment is of 14.900 hectares. This catchment is divided into two sub-basins:

- sub - basin of Riera Major
- sub - basin of Espinelves

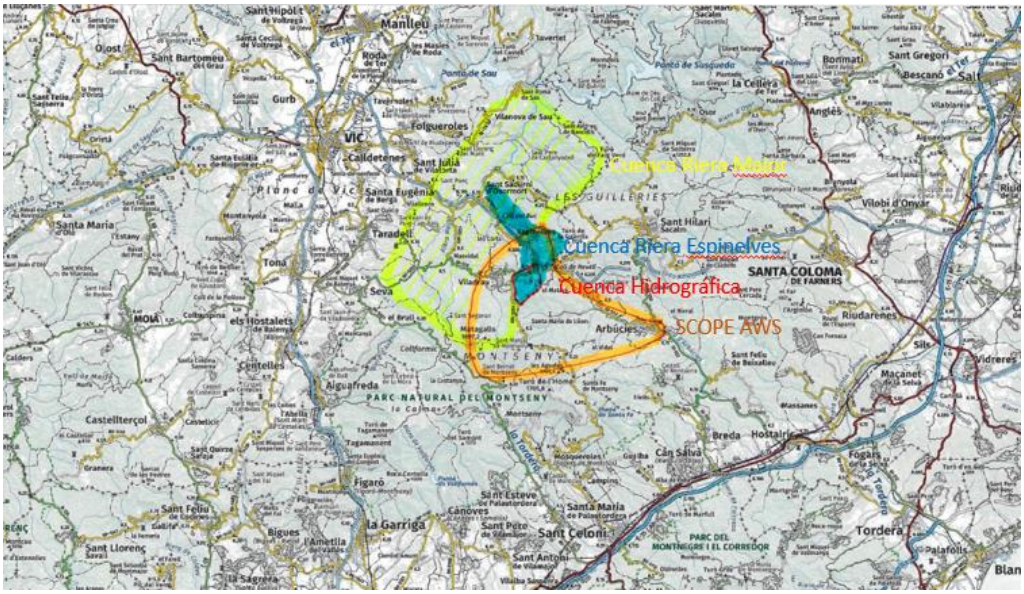


Figure 16:The relationship between the AWS scope, affected sub-basins and the hydrologic basin of the site.

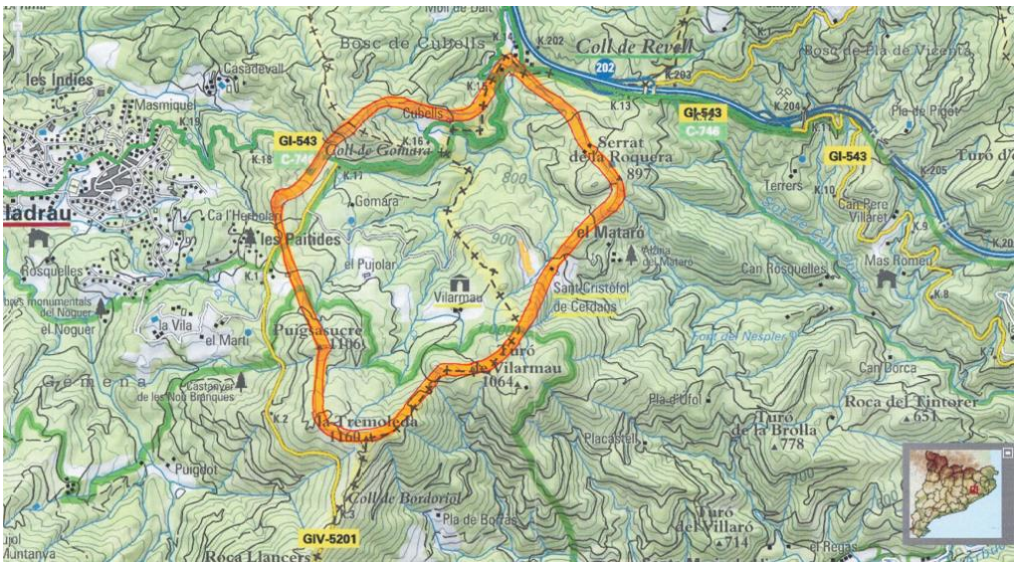


Figure 17:The hydrologic basin is defined in more detail in the next figure into the AWS scope.

Nestlé Waters takes its environmental stewardship responsibilities seriously and is committed to sustainable natural resources management. The company monitors groundwater, habitat and precipitation in the Montseny Natural Park region to guide its activities and share water

knowledge to build mutual understanding. Nestlé Waters supports regular studies carried out by third-party scientists and adjusts the hydrogeological model of the Montseny aquifer as new data determineis available.

With regards to the water balance of the Montseny Mountains, it is important to note that the Hydrologic basin (surface considered) area is 378 ha.

The average precipitation is 980mm/year (The evapotranspiration 520 mm/year, Direct runoff 210 mm/year and Infiltration 250 mm/year). Hence, the total recharges are 0,95 HM3/year.

The authorized Extractions are 1,19 hm3/year, the hydraulically potential extraction are 0,65hm3 /year, however the total real extractions are 0,3 hm3/year.

With this inputs and outputs, the total water balance is 0,65hm3/year

In this sense, Nestle Waters aims to maintain the exploitation of mineral water in an environmentally sustainable manner, and taking into account the rest of the stakeholders and making it compatible with the management of the Montseny Natural Park

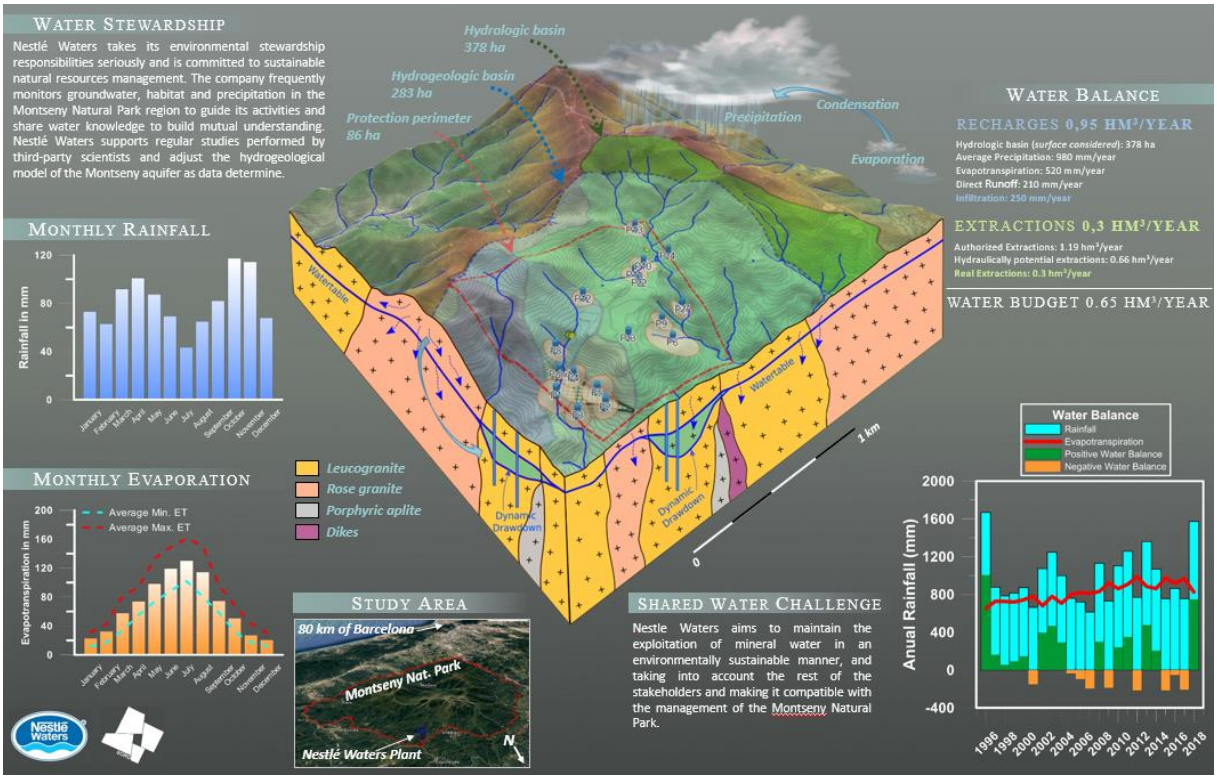


Figure 18:Water balance in the Montseny Mountains

5 SUMMARY OF SHARED WATER CHALLENGES

Nestlé Waters Viladrau 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) Fracking
f) CSV activities

A more detailed presentation of shared water challenges identified by Nestlè Waters Viladrau 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 Viladrau..

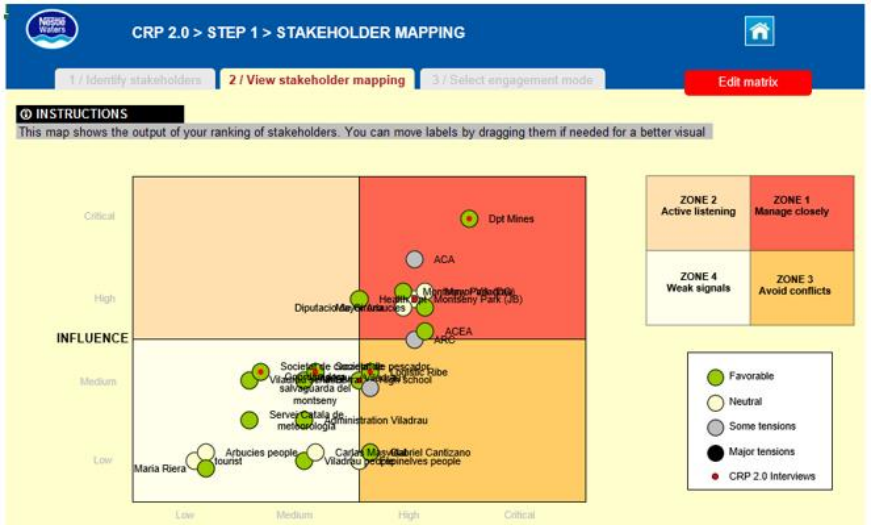
Table 5-1: Detailed Shared Water Challenges for NESTLÈ WATERS VILADRAU

1.6.1/2 Shared Water Management Challenges							
Topical	**Administration/Association**	**Relevance to Stakeholders/Social Impact**	**Relevance to the place**	**Priority**	**Initiative**	**Future Challenges**	**Comment**
Water availability in the area	Parc Natural del Montseny City of Viladrau City of Arbucies City of Espinelves Industry	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	*Acord Marc de col.amb la Parc Natural del Montseny *Participation in the initiative BEWATER *Participation in the Hydrogeology Expert Meeting of Montseny	Climate Change Creating start-ups	Acord Marc de Col. worked withl Natural Park to ensure transparency and transfer of knowledge about the medium that should lead to better environmental management of the Park. Piezometer stability data over the past 10 years shows that water extractions for bottling have no cause-and-effect relationship to decreased surface flow rates. Possibly the increase in forest biomass is reducing the availability of water. Also effect of climate change, participation in the BEWATER working group on Tordera Basin Resilience (Neighbouring Basin) in the face of climate change and management adaptations to improve resilience. In Q4 2018 Nestle Waters Viladrau has participated in the meeting of water experts of Montseny to unify efforts and share data within the framework of the LIFE Tritó project.
Water Quality	ACA (Catalan l'aigua agency)	Checking the quality of factory effluents	Concern about the legal compliance of the environmental license PTGMF development (Pla Técnic de Gestió y Millora Forestal)	2	*BMWPC annual Control	Slurry contamination	Periodic administration inspections (ACA) to verify effluent quality. Annual BMWPC control of an upstream and downstream discharge point bioindicator to ensure effluent quality. Results over last 10 years prove excellent effluent quality
Efficiency in water use	Municipalities (Viladrau Arbucies) ACA Dep Mines GeneralitatONGs	Losses in municipal acquisition and distribution systems (obsolete systems). Pressure on the accumulators (the more efficiently the less pressure)	Long-term sustainability	3	*Participation in the "Taula de l'aigua de Viladrau"_Sistem of recovery of industrial water used. *Monitoring of the levels in the piezometers.	Creation of new wells for municipal supply	In Q4 2019 we have planned the participation in the "Taula de l'aigua" of Viladrau to treat the availability of water of the municipality of Viladrau and the increase of the extraction of this water by the company "Liquats Vegetals". The basin is adjacent to the one that supplies the people of Viladrau.Implementation and management of water recovery systems used for industrial use. Control of the deminations of extraction operations from a special piezometer at the center of the protection perimeter and quarterly declarations of well extractions. Continuous improvement of the extraction ratio compared to bottling.

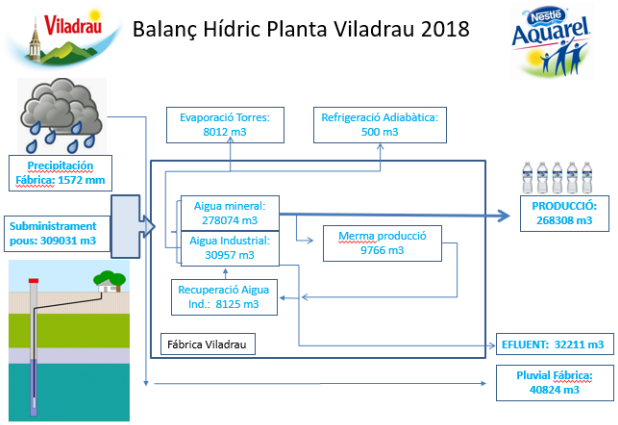
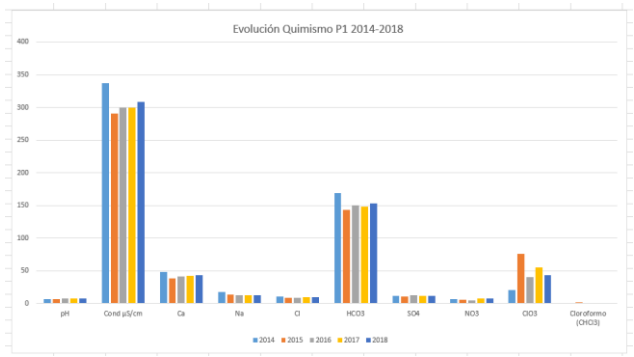
1.6.1/2 Shared Water Management Challenges							
Topical	**Administration/Association**	**Relevance to Stakeholders/Social Impact**	**Relevance to the place**	**Priority**	**Initiative**	**Future Challenges**	**Comment**
Biodiversity Protection	Parc Natural del Montseny	Natural resource management conditions the availability and health status of ecosystems	Long-term sustainability	2	*Technical Forest Management and Improvement Plan (PTGMF) focused on diversity. Activities to be programmed in the framework agreement with the Montseny Natural Park. *Collaboration in the "LIFE TRITON" Project of Montseny	Species loss to climate change	In 2010 a Biodiversity Management Manual was developed at the Viladrau Ref Mag-BIOD.doc plant. This management was audited by the ECNC (EUropean Center for Nature Conservation) in April 2010.
Fracking	Deep Industry	Gas extraction using the fracking technique can negatively impact the availability and quality of water resources	Resource availability	3	*Study on the possible effect of Fracking NW Spain.Study vulnerability of the mineral waters of Viladrau and Aquarel Avets	Activating new permits	In July 2013 a study was carried out on the possible effects of Fracking on the Viladrau plant by the proximity of the "Leonardo" shows Fracking risk of contamination, this report was carried out by Dr Carulla in July 2013. This risk has returned to be analyzed in the study of vulnerability of the mineral waters of Viladrau and Aquarel in December 2018.
CSV activities	Schools of the municipalities Vila of Viladrau Natural park Fishing association of Viladrau University of Girona and Vic	Improved awareness of water management and trainingImproved knowledge of our activities	Sharing expert in water management Social acceptability of our activity	3	*Celebration World Water Day. *Colaboration with City *Colaboration with the University of Girona in the Management of the Water Master. *Fishermen collaboration agreements	Conducting thesis or Master's work	Follow-up through the CRP. World Water Day and Open DoorsTraining actions are carried out in the schools and high-schools of Viladrau, Arbucies and Sant Hilari Sacalm to train students on water sustainability issues on the occasion of "World Water Day" Collaboration with the Master in " Science and Technology of The Hidric resources" of the Girona University. Student in internships and participation in seminars. Collaboration in the management of the Espai Montseny de ViladrauAgreements signed with the Fishermen's Association of Viladrau.

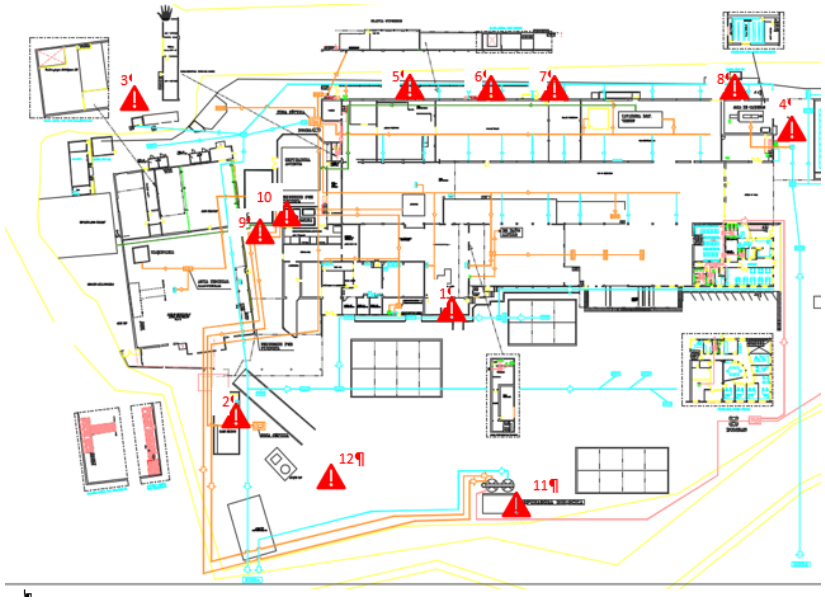
Clause	Details	Yes	No	Comments/Evidence
1	**GATHER AND UNDERSTAND**			
1.1	***Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the water sources from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.***			
1.1.1 (core)	The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including: - Site boundaries; - Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; - Any water sources providing water to the site that are owned or managed by the site or its parent organization; - Water service provider (if applicable) and its ultimate water source; - Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies; - Catchment(s) that the site affect(s) and is reliant upon for water.	☒	☐	The physical scope is describe in "1.1.1 Water stewardship Phisical scope.pptx" REF. 1.1.1.(1) This document has different slides about Viladrau plant physical scope, from a general region map to a detail zone map as AWS standard requires. There is another document published by the authority (*Agencia Catalana de lÁigua*) "IMPRESS_2019_Memoria.pdf" REF. 1.1.1.(2) which describes the catchment and impacts on it induced by the human activity. REF. 1.1.1.(1) has mapped all the wells managed by NESTLE WATERS VILADRAU. NESTLE WATERS VILADRAU does not have any water service provider, it uses water from their facility wells. NESTLE WATERS VILADRAU has a discharge point and and a wastewater treatment plant, it is identified in REF. 1.1.1.(1). The catchment that the site affect is identified in REF 1.1.1.(1)

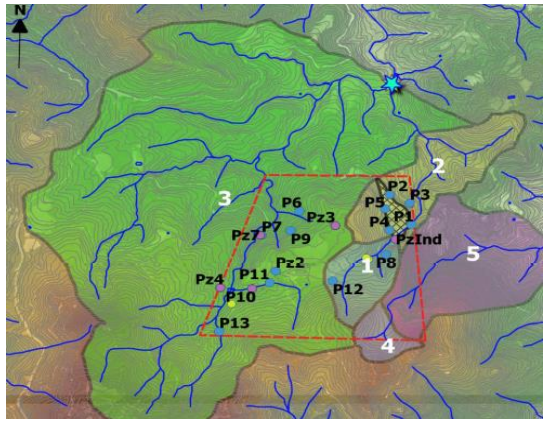
1.2	***Understand relevant stakeholders, their waterrelated challenges, and the site's ability to influence beyond its boundaries.***			
1.2.1 (core)	Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall: - Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people; - Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies; - Provide evidence of stakeholder consultation on water-related interests and challenges; - Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups; - Identify the degree of stakeholder engagement based on their level of interest and influence.	☒	☐	NESTLE WATERS VILADRAU has developed a tool named "Community Relations Progress" CRP. This tool: 1. Identify Stakeholders 2. Assess the stakeholders and map them it 4 zones. 3. Identify the way to engagement each one of them base on their level of interest and influence. NESTLE WATERS VILADRAU has identified 12 key stakeholders, and five of them are identified as main stakeholders: 1. Parque Natural de Montseny 2. Municipio de Viladrau 3. Unversidad de Girona 4. Municipio de Arbucies 5. Liquats Vegetals NESTLE WATERS VILADRAU has developed a population consultation three years ago, on 2020 they will do it again and renew the stakeholders. After this population consultation, NESTLE WATERS VILADRAU has developed meetings with the main stakeholders identified in order to define the action plan. NESTLE WATERS VILADRAU, has performed two mains activities in 2019 related to stakeholder engagement: 1. Water transfer to Viladrau Cityl in order to ensure the population water access. 2. Nestle Water Vildrau has collaborate with Liquals Vegetals helping them to solve an odour problem in their Wastewater Treatment Plant.

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 water source and ultimate receiving water body for wastewater.	☒	☐	NESTLE WATERS VILADRAU has identified and assess the influence between the site and the stakeholder within the catchment and has considered the sites´s ultimate water source and ultimate receiving water body for wastewater. It´s described in the stakeholder mapping. See picture below 

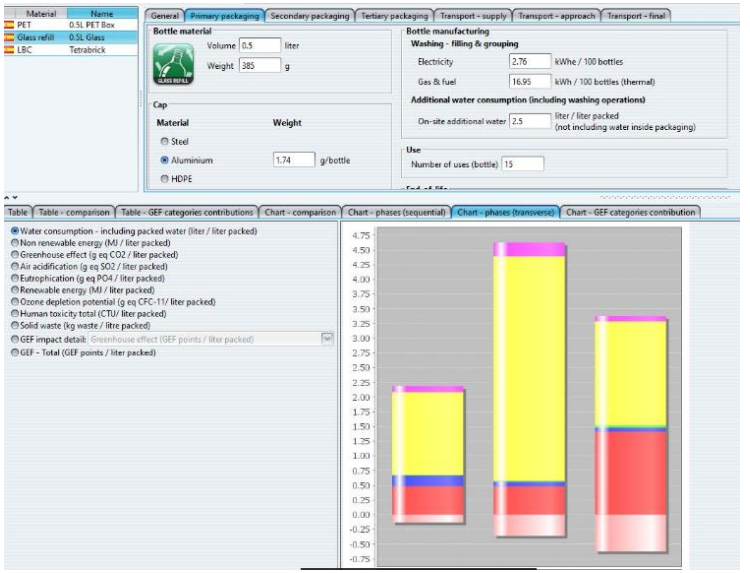
1.3	***Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.***			
1.3.1 (core)	Existing water-related incident response plans shall be identified.	☒	☐	NESTLE WATERS VILADRAU has four procedures about incident response plans: 1. NaOH accidental spillage. 2. Water discharge without treatment 3. Gasoil accidental spillage 4. Chemical productos accidental spillage Until this date, NESTLE WATERS VILADRAU does not had any incident.
1.3.2 (core)	Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped.	☒	☐	NESTLE WATERS VILADRAU has realized a site water balance, the losses, storage and outflows has been mapped in REF 1.1.1.(1)
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.	☒	☐	NESTLE WATERS VILADRAU has realized a site water balance, it is done yearly. 1.3.2 Balanç Hídric Planta Viladrau 2018 v1.pdf, REF 1.3.3. (1), they also has a catchment water balance. There is a study about the aquifer sustainability, the forecast for 2019- does not imply a risk (0.95 hm^3/year, average historic infiltration.). NESTLE WATERS VILADRAU checks ratio m^3 outflow / m^3 inflow in order to study the aquifer sustainability. This indicator of performance is checked each week and it evolution. Another ratio studied by NESTLE WATERS VILADRAU is (liter outflow/ liter bottling), current ratio is 1.15. There are two waters brand (Viladrau and Aquarel), their extraction capacity is 51 % for Viladrau water and 44% for Aquarel water. These studies has been done in order to check the seasonality comsumption.

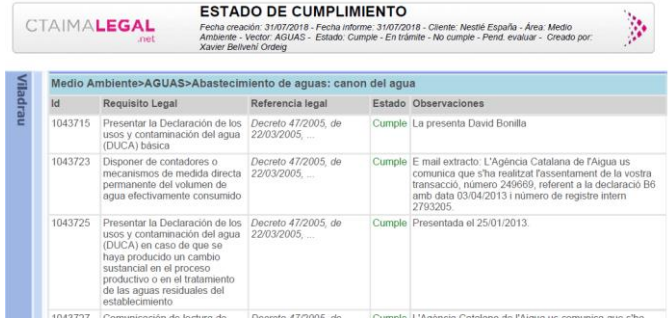
				
1.3.4 (core)	Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.	☒	☐	NESTLE WATERS VILADRAU realize analysis periodicaly, these analysis show the mineralization over the years is preserved. As an example the following graphic.  NESTLE WATERS VILADRAU performs analysis from their wastewater after the treatment plant. The evidences show they comply with their limits. These analysis are performed monthly.

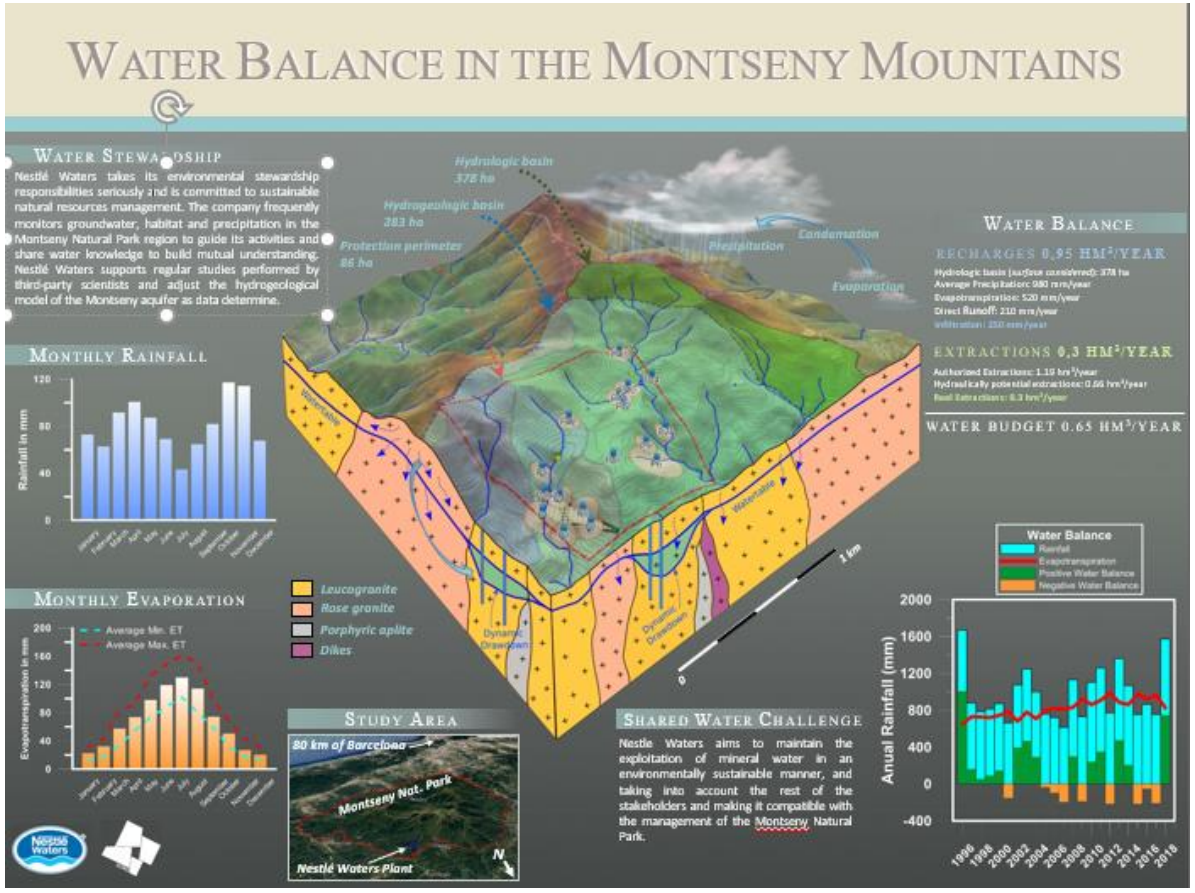
				In addition to the above NESTLE WATERS VILADRAU performs a yearly study with CSIC about macroinvertebrates in the site and some species who are sensitives to the changes.
1.3.5 (core)	Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.	☒	☐	There is vegetable drinks factory next to NESTLE WATERS VILADRAU, but that factory is in a different basin. Mining law which allows NESTLE WATERS VILADRAU activity, guarantees non-existence of another factory next to bottled plants which could pollute de aquifer. Inside NESTLE WATERS VILADRAU factory, there are differents potential points of pollution (chemical storages), these points are identified in REF 1.3.5 " Potential Polution Points".  NESTLE WATERS VILADRAU has performed a risk assessment where it is described a control system in case of emergency.

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.	☒	☐	NESTLE WATERS VILADRAU is located in a IWRA (Parque Natural del Montseny), as we coment in point 1.3.5. mining law doesn´t allow any other industrial activity in the protection perimeter. The mission of this protection perimeter is to protect quality and quantity resource and it´s defined according to hydrogeological characteristics of the aquifer. The most of 86ha from the perimeter are property of NESTLE WATERS VILADRAU.  Montseny has an extraordinary biodiversity. Three ecosystems coexist, atlantic, eurosiberian and mediterranian. This variety gives to Montseny Park a high ecological value, which allow it to house edemisms as Triton of Montseny. 

				Montseny Park is biosphere reserve (UNESCO) and it is visited by 900.000 people per year. There is an agreement between NESTLE WATERS VILADRAU and the Natural Park to share information and experience in order to improve the water resource management. There is a convervation plan of Montseny Park which describes how to manage this IWRA. Montseny Natural sources: NESTLE WATERS VILADRAU has aconditioned two sources for the puplic water comsumption. They are monitored under microbiologic and chemical parameters. Riera de Espinelves(inside/outside): It is born inside the control perimeter and It receives the waters which drain NESTLE WATERS VILADRAU, It conservation state is an indicator about sustenaibility in Montseny. Being monitored the biological index (BVWPC), the results classify the riera as “High Quality”. Forest management. Montseny forest has a general good conservation status. It could be improved with t a better management. Lately a zone was recovered realising it from foreign species (2014 and 2015) In 2017 was developed another riverbank forest recovery.
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 identified and used to inform the evaluation of the plan in 4.1.2.	☒	☐	1.3.7. WR Budget 2019. NESTLE WATERS VILADRAU includes costs related to water management, Quality controls, backline system, Water Treatment Plant, Water treatment Station, water taxes.
1.3.8 (core)	Levels of access and adequacy of WASH at the site shall be identified.	☒	☐	During summer of 2019 NESTLE WATERS VILADRAU has provided water to Viladrau. However, usually, do not happen this kind of incidents.

1.4	***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.***			
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.	☒	☐	Global Environmental Footprint has been performed from the suppliers to recyle. NESTLE WATER VILADRAU has developed comparatives between botlle of 0,5 l made from PET and 0,5 l made from glass. This study has bee done with GFE software. 
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.	☒	☐	There is no outsouced services identified.

1.5	***Gather water-related data for the catchment, including: water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH***			
1.5.1. (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.	☒	☐	NESTLE WATERS VILADRAU has developed or has taken part in different initiatives in order to improve and inform about a better water management. Some of then are the following ones; • Be water project. January 2017. From this activity is published the document “results and conclussions “ • Triton of Montseny • Natural Park Conservation Plan, January 2014 • Life Project,Montseny Triton Conservation (Calotriton arnoldi) • Adpatation Plan, Tordera Basin, 2016 • Advisory committee of hydrogeologists of the Montseny natural park.
1.5.2. (core)	Applicable water-related legal and regulatory requirements shall be quantifed, including legally-defined and / or stakeholder verified customary water rights.	☒	☐	NESTLE WATERS VILADRAU has a database where the legal and regulatory requirements are identified. NESTLE WATERS VILADRAU assess their compliance with this legal and regulatory requirements. CTAIMA software registers the monitoring about this compliance.  CTAIMALEGAL .net **ESTADO DE CUMPLIMIENTO** *Fecha creación: 31/07/2018 - Fecha informe: 31/07/2018 - Cliente: Nestlé España - Área: Medio Ambiente - Vector: AGUAS - Estado: Cumple - En trámite - No cumple - Pend. evaluar - Creado por: Xavier Bellveh Ordeig* Viladrau **Medio Ambiente>AGUAS>Abastecimiento de aguas: canon del agua** Id / Requisito Legal / Referencia legal / Estado / Observaciones 1043715 / Presentar la Declaración de los usos y contaminación del agua (DUCA) básica / *Decreto 47/2005, de 22/03/2005, ...* / Cumple / La presenta David Bonilla 1043723 / Disponer de contadores o mecanismos de medida directa permanente del volumen de agua efectivamente consumido / *Decreto 47/2005, de 22/03/2005, ...* / Cumple / E mail extracto: L'Agència Catalana de l'Aigua us comunica que s'ha realitzat l'assentament de la vostra transacció, número 249669, referent a la declaració B6 amb data 03/04/2013 i número de registre intern 2793205. 1043725 / Presentar la Declaración de los usos y contaminación del agua (DUCA) en caso de que se haya producido un cambio sustancial en el proceso productivo o en el tratamiento de las aguas residuales del establecimiento / *Decreto 47/2005, de 22/03/2005, ...* / Cumple / Presentada el 25/01/2013.
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 wáter balance is explained in the following picture:


WATER BALANCE IN THE MONTSENY MOUNTAINS
WATER STEWARDSHIP
Nestlé Waters takes its environmental stewardship responsibilities seriously and is committed to sustainable natural resources management. The company frequently monitors groundwater, habitat and precipitation in the Montseny Natural Park region to guide its activities and share water knowledge to build mutual understanding. Nestlé Waters supports regular studies performed by third-party scientists and adjust the hydrogeological model of the Montseny aquifer as data determine.
MONTHLY RAINFALL
Rainfall in mm
MONTHLY EVAPORATION
Evapotranspiration in mm
Average Min. ET
Average Max. ET
Hydrologic basin 378 ha
Hydrogeologic basin 383 ha
Protection perimeter 86 ha
Precipitation
Condensation
Evaporation
Montseny
Montseny
Leucogranite
Rose granite
Porphyric aplite
Dikes
Dynamic Drawdown
Dynamic Drawdown
1 km
0
STUDY AREA
80 km of Barcelona
Montseny Nat. Park
Nestlé Waters Plant
N
SHARED WATER CHALLENGE
Nestlé Waters aims to maintain the exploitation of mineral water in an environmentally sustainable manner, and taking into account the rest of the stakeholders and making it compatible with the management of the Montseny Natural Park.
WATER BALANCE
RECHARGES 0,95 HM³/YEAR
Hydrologic basin (surface considered): 378 ha
Average Precipitation: 980 mm/year
Evapotranspiration: 520 mm/year
Direct Runoff: 210 mm/year
EXTRACTIONS 0,3 HM³/YEAR
Authorized Extractions: 1.10 hm³/year
Hydraulically potential extractions: 0.66 hm³/year
WATER BUDGET 0.65 HM³/YEAR
Water Balance
Rainfall
Evapotranspiration
Positive Water Balance
Negative Water Balance
Anual Rainfall (mm)

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 data summary of this water balance is: 
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.	☒	☐	NESTLE WATERS VILADRAU analyzes chemical parameter about all the wells yearly. This analysis show a good quality. The biological status assessment is performed by CSIC (Centro Superior de Investigaciones Científicas). This study (2017) concludes a very good biological status Nº Tàxons 30 27 ASPT 6,17 5,56 **Valor índex BMWPC** **185** **150** **Qualitat segons BMWPC** **Molt bo** **Molt bo**

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.	☒	☐	NESTLE WATERS VILADRAU has developed or has taken part in different initiatives in order to improve and inform about a better water management. Some of then are the following ones; • Be water project. January 2017. From this activity is published the document “results and conclussions “ • Triton of Montseny • Natural Park Conservation Plan, January 2014 • Life Project,Montseny Triton Conservation (Calotriton arnoldi) • Adpatation Plan, Tordera Basin, 2016 • Advisory committee of hydrogeologists of the Montseny natural park.
1.5.6. (core)	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.	☒	☐	The activity in the perimeter control is conditioned to avoid the impact on wells and natural park. Then, only NESTLE WATERS VILADRAU factory is the water related infrastructure at this moment.
1.5.7. (core)	The adequacy of available WASH services within the catchment shall be identified.	☒	☐	This criteria is not applicable to Spain.

1.6	***Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.***			
1.6.1 (core)	Shared water challenges shall be identified and prioritized from the information gathered.	☒	☐	Document REF 1.6.1.2 "Shared water callenges Viladrau.xlsx" indentifies and prioritizies the water challenges from de information gathered. The water challenges indentified are (They are prioritized from 1 to 4.): 1. Water avalilability in the area (1) 2. Water Quality (2) 3. Water use efficiency (3) 4. Biodiversity protection (2) 5. Fracking (3) 6. CSV (Creating Shared Value) activities (3)
1.6.2. (core)	Initiatives to address shared water challenges shall be identified	☒	☐	1. Water avalilability in the area (1) • Be water project. • Advisory committee of hydrogeologists of the Montseny natural park. 2. Water Quality (2) • Water analysis • BMWPC Index 3. Water use efficiency (3) • To take part in a local meeting in Viladrau about water use. • Implement a water recover system. • Improve ratio water bottled / extracted water 4. Biodiversity protection (2) • Life Project about Triton • Management plan about Biodiversity in the factory (ref. Mag-biod.doc). It was audited by European Center for Nature Conservation) 5. Fracking (3) 1. Dr. Carulla report, Julio 2013. This risk was assessment again in 2018, December. 6. CSV (Creating Shared Value) activities (3) 2. World water day activities. Factory open day. School activities. 3. Girona University cooperation, take part in meetings. 4. Cooperation for the management of Natural Park. 5. Agreement with local fish association.

1.7	***Understand the site's water risks and opportunities: Assess and prioritize the water risks and opportunities affecting the site based upon the status of the site, existing risk management plans and/or the issues and future risk trends identified in 1.6.***			
1.7.1 (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.	☒	☐	Water risks are identified and prioritized (from 1 to 3) Their Current status is evaluated as follow: 0 unrecoverable, 1 Important degradation, 2 medium degradation, 3 Acceptable but imporbavle, 4 Good, 5 Excelent, not action is required REF .1.7.1. "Site Water Risks Viladrau.xlsx". risks are identified and prioritized, they are the following ones: 1. Drought (2) • Be water project. • Improve ratio water bottled / extracted water • To take part in a local meeting in Viladrau about water use 2. Water Quality (2) • The area does not have any other activity with potential pollution capacity. 3. Increased demand for water (3) • NESTLE WATERS VILADRAU has another aquifer without activity. 4. Public Opinion (3) 6. Girona University cooperation, take part in meetings. 7. Cooperation for the management of Natural Park. 8. Agreement with local fish association.
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.	☒	☐	Water oportunities are identified in REF .1.7.2. "Site Water opportunities.xlsx". 1. Drought (2) • Carefully management makes it more difficult. • Improve brand opinion and it value. • Better management provide more resouces for the environment. 2. Water Quality (2) • Healthy influence. • Low treatment costs • Low treatment makes use less chemicals products. 3. Increase on demand

				• Less unemployment • Increase economic activity in the area 4. Water use eficiency (3) • Water use reduction makes use it for other porpuses. • Less costs • Increase acquifer levels 5. Public Opinion (3) 9. Improve brand opinion and it expertise.
1.8	***Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.***			
1.8.1. (core)	Relevant catchment best practice for water governance shall be identified.	☒	☐	REF. 1.8 3.9.Best practices. Xlsx Good water governance  This outcome is divided in 12 Best practices , periodicity and implement activities. See Ref. 1.9 3.9 “Best practices AWS.xlsx”
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.	☒	☐	Sustenaible water balance  This outcome is divided in 7 Best practices , periodicity and implement activities. See Ref. 1.9 3.9 “Best practices AWS.xlsx”.
1.8.3. (core)	Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.	☒	☐	Good water Quality  This outcome is divided in 6 Best practices , periodicity and implement activities. See Ref. 1.9 3.9 “Best practices AWS.xlsx”
1.8.4. (core)	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.	☒	☐	IWRA 

				This outcome is divided in 4 Best practices , periodicity and implement activities. See Ref. 1.9 3.9 “Best practices AWS.xlsx”
1.8.5 (core)	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.	☒	☐	WASH  This outcome is divided in 5 Best practices , periodicity and implement activities. See Ref. 1.9 3.9 “Best practices AWS.xlsx”
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)	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.	☒	☐	The NESTLE WATER VILADRAU statement is published in https://www.viladrau.com/comunicacion-auditoria-AWS-nestle-waters-viladrau-19-20-Nov-19.pdf

Viladrau

Local leadership Adoption of Commitment to Water Stewardship

Site: Nestle Waters Viladrau, Spain (September 2019)

Nestlé Waters Viladrau is fully committed on the Water Stewardship development and application, both inside the factory management and with local key stakeholders to manage the main challenges we have in our local community.

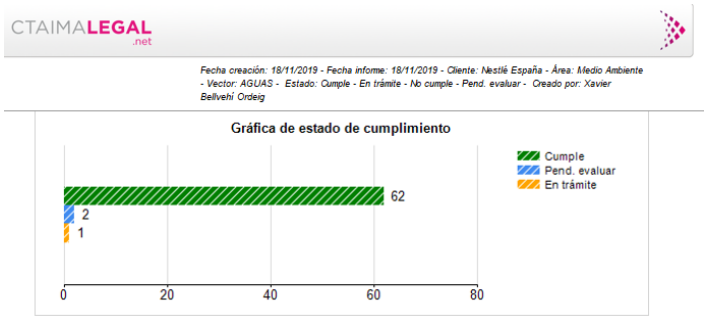
In particular, we will keep putting efforts and resources to enhance good water governance, good water balance and good water quality. For this, we will ensure that all our on-site activities are done under a sustainability approach, especially on the water usage. Off-site we will engage with our key stakeholders on our water stewardship efforts in an opened, transparent and collaborative manner. We will take also those necessary steps within out authorities to ensure that this site complies with all relevant legal and regulatory requirements and respects relevant legal and water-related rights, including national and international treaties. In addition, to manage together the key challenges we have, as a community, on the water disposal, quality and usage.

Finally, we commit to review and modify in case our site's water stewardship actions and plans in order to mitigate water related risks and harness good stewardship opportunities

For Nestle Waters España:

Philippe de Maillardoz
BEO Nestle Waters España

Xavier Garcia Gay
Viladrau Factory

2.2.	***Develop and document a process to achieve and maintain legal and regulatory compliance.***			
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 - Process for submissions to regulatory agencies.	☒	☐	Facility mantains an organizational structure about the compliance obligations for water and wastewater management, It identifies responsible persons / position within facility organizational structure. CTAIMA software allows identify the compliance obligations for water and wastewater management. 
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.	☒	☐	NESTLE WATERS SPAIN (VILADRAU FACTORY) has the following water stewardship strategy. *In light of the catchment concerns and the concerns regarding water usage and availability, our water stewardship strategy will focus on addressing shared water challenges through on-site and of-site actions. The key goals and objectives of the water stewardship strategy are:* • *Manage overall water usage* • *Increase water capacity and efficiency* • *Engage the public on water related issues* • *Monitoring water quantity* • *Monitoring water quality* • *Preparedness on extreme and emergency events*

				These objectives will help us sustain and lower the physical and reputational water risks and benefit our stakeholders and the community.
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.	☒	☐	Document REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx, includes these items.
2.4.	***Demonstrate the site's responsiveness and resilience to respond to water risks***			
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.	☒	☐	
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.	☐	☐	

3	IMPLEMENT			
3.1.	***Implement plan to participate positively in catchment governance.***			
3.1.1. (core)	Evidence that the site has supported good catchment governance shall be identified.	☒	☐	Document REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx. The most important evidences verified are: 1. Meeting attendance in SIAGA (Andalusia Water Congress). Speaker, David Bonilla  Maurits Cornelis Escher (1898-1972) 2. Cooperation agreement with Natural Park of Monseny, it describes goals, yearly works to develope. This agreement has a budget and Survaillance Comission yearly. This agreement has validity until 2022, december, 31st 3. Cooperation with the City Hall of Viladrau and Arbucies. 4. Girona University agreement due to finance water studies in the area performed by students.

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.	☒	☐	The water rights are guarantedd by Spanish law and NESTLE WATERS VILADRAU policy.
3.2.	***Implement system to comply with water-related legal and regulatory requirements and respect water rights.***			
3.2.1. (core)	A process to verify full legal and regulatory compliance shall be implemented.	☒	☐	Wells authorization were checked (Wells 5 and 12). These water catchment auhorizations are given by the competent authority (Mining Department, Minestry of Industry) It is not necessary to be updated, these water catchment authorizations, each well has their flow authorized. NESTLE WATERS VILADRAU has 11 wells authorized, 4 Acquarel brand, 6 viladrau brand and 1 for industrial water. Wells number 4 and 2 are not working. Well number 3 is authorized by ACA 20.9.91. The environmental facility license is updated each ten years.
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.	☒	☐	Not applicable in Spain, Water Righits are guarrenteed by Spanish Law.
3.3.	***Implement plan to achieve site water balance targets.***			
3.3.1 (core)	Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.	☒	☐	Document REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx., identify the targets and their progress towards achieving the water stewardship plan.
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.	☒	☐	NESTLE WATERS VILADRAU is located in a zone without water scarcity, however NESTLE WATERS VILADRAU has identifed two targets in order to reduce the water comsumption, water reuse plant and to improve the ratio Bottled water / catchment water.

3.3.3. (core)	Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.	☒	☐	NESTLE WATERS VILADRAU does not use all the cubic meters they are authorized. They are under that limits. However, on 2019, Viladrau City asked NESTLE WATERS VILADRAU for giving them water due to a problem in the public infrastructure. NESTLE WATERS VILADRAU gave to the city the quantity they asked for. This issue was confirmed by the major at that moment in the audit stakeholders meeting. She was the only one person who attended that meeting during the audit.

3.4.	***Implement plan to achieve site water quality targets.***			
3.4.1. (core)	Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.	☒	☐	NESTLE WATERS VILADRAU has several analysis which guarantee the water quality. NESTLE WATERS VILADRAU has graphics about chemical parameters from at least five years from each well.
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.	☒	☐	Wastewater analysis show that they are under the limits of discharge. NESTLE WATERS VILADRAU makes the following analysis, monthly by the facility, each 3 months by third part and twice a year by the competent authority. To ensure the water quality downstream, NESTLE WATERS VILADRAU develope yearly an study in cooperation with CSIC (Centro Superior de Investigaciones Científicas), it studies the macroinvertebrates and taxa. The quality is very good according to BMWPC index
3.5.	***Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.***			
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.	☒	☐	The most important Water related areas is the Natural Park, NESTLE WATERS VILADRAU, has cooperated with the Competent Authority and there is an agreement to manage this area. Another good practice is CSIC study, it is developed in the Natural Park.

3.6	***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.***			
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.	☒	☐	NESTLE WATERS VILADRAU has restored two wells on site in order to access to safe drinking water to the people. Workers has access to safe water in the facility and NESTLE provides them a weekly pack of water for their comsuption.
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.	☒	☐	Spanish law guaranteed the water access.

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.	☒	☐	N/A there isn´t indirect use within the catchment.
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.	☒	☐	There are no suppliers within the catchment.
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.	☒	☐	There are no shared water related infrastructure. When the city of Viladrau has asked for safe water due to a problem with the public infrastructure (summer of 2019) NESTLE WATERS VILADRAU has given them the quatity required in order to ensure

				the access to safe drinking water, effective sanitation, and protective hygiene (WASH) for the people.
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	☒	☐	1 Document REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx., identifies this actions • Meetings and Interviews • Training evidences • Audit Reports • Key Performance Indicators • World water day action. • Agreements with Natural Parck, City Hall and Local assciations.
3.9.2. (core)	Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.	☒	☐	1 Document REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx., identifies this actions • Recover system for NaOH • System to reuse industrial water. • Review piezometers levels • Operational changes to reduce water comsumption
3.9.3. (core)	Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.	☒	☐	1 Document REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx., identifies this actions: • Waste water treatment plan registers. • Operational meetings • BMWPC Index • Chemical analysis • Management forest plan
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.	☒	☐	1 Document REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx., identifies this actions • Site and basin risk assessment

				• Surveillance plan on the perimeter. • Piezomenter control. • Riverbank forest plan due to it conservation
3.9.5. (core)	Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.	☒	☐	1 Document REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx., identifies this actions • Public sources maintenance • Training for workers and their families • City Hall agreement to ensure WASH in the Village • City Hall agreement due to give them technical support

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	☒	☐	Performance against targets in the site´s water stewardship plan are indentified in document REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx
4.1.2. (core)	Value creation resulting from the water stewardship plan shall be evaluated.	☒	☐	Value creation resulting is defined in REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx for each action identified. Some of them are: • Get a better managemenet focused in a strongly endurance against climate change. • Reduce the water stress in the public water system. • Water quality conservation downstream • Child training focused on saving water • Share NESTLE expertise
4.1.3 (core)	The shared value benefits in the catchment shall be identified and where applicable, quantified.	☒	☐	The shared value benefits is defined in REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship Plan Viladrau.xlsx for each action identified. Some of them are: • Attendance to meetings • Get better brand opinion • To ensure water quality in a long time • To maintain the water quality outside of Espìnelves river due to other uses. • More available water, especially in summer

4.2	***Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.***			
4.2.1. (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.	☒	☐	It has been checked the flood happened on 2012. See document, Flood recovery in Viladrau march 2012.pptx
4.3.	***Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.***			
4.3.1 (core)	Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.	☒	☐	A new inquiry will be done during 2020 due to evaluate the influence sphere again. NESTLE WATERS VILADRAU performed a inquiry which has indentifed 5 main stakeholders, Liquats vegetals, Natural Park, Arbucies city, Girona University and Viladrau City. The mail stakeholder identified was Montseny Natural Park
4.4.	***Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.***			
4.4.1. (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.	☒	☐	It will be reviewed on Surveillance audit.

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.	☒	☐	There is a environmental dashboard where this information is disclosed. NESTLE WATERS VILADRAU has a screen tv where discloses all relevant information and 3 trainings has been developed this year.
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.	☒	☐	NESTLE WATERS VILADRAU has performed the following actions in order to communicate the water stewardship plan to the relevant stakeholders: - World Water Day, meeting where the main stakeholders attendance, it was communicated the intention to get the AWS certification. It was on march. Attendance record has been checked. - Viladrau magazine, "Spaci Montseny", on April, 2019 - Meeting with privates companies and public sector about the management in Natural parks.NESTLE WATERS VILADRAU explains the AWS certificate. 2019, November.
5.3	***Disclose annual site water stewardship summary, including the relevant information about the site's annual water stewardship performance and results against the site's targets.***			
5.3.1. (core)	A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.	☒	☐	It will be reviewed on Surveillance audit.

5.4	***Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies.***			
5.4.1. (core)	The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.	☒	☐	The site´s shared water-related challenges and efforts made has been disclosed in the followings meetings: • Canet meeting • Spai Montseny meeting about water and plastic sustainable use. • SIAGA prensentation. • Natural parks management techniques
5.4.2. (core)	Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.	☒	☐	The above meetings has been performed to engage stakeholders and pubic-sector.
5.5	***Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.***			
5.5.1. (core)	Any site water-related compliance violations and associated corrections shall be disclosed.	☒	☐	During 2019 there have been no violations compliance. The facility only had a overcoming in CDO limit in 2016, it was a punctual incident and it was reported to the competent authority. Not further actions were required
5.5.2. (core)	Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.	☒	☐	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.	☒	☐	It hasn´t happened

6 AUDIT FINDINGS

A findings log was issued to NESTLE WATERS VILADRAU 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 WATERS VILADRAU 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

One minor non-conformance was raised during the audit process. It has been closed by NESTLÈ WATERS VILADRAU at the time of writing.

Table 7.2.1. Minor Non-Conformances raised during the AWS audit process

No.	Type	Ref.	Details	Response by NESTLÈ WATERS VILADRAU	Relevant References
1	Minor NC	232MNC	**Although timeframes to achieve each target has been included into the Water Stewardship plan (REF 2.3.2 _3.1.1_4.1.1-2-3 Water Stewardship plan Viladrau.), currently it describes objectives and actions that have already been achieved and NESTLE doesn´t have plans for the whole period of the certificate (next 3 years).**	NESTLE WATERS VILADRAU has changed its Water Stewardship Plan and their actions and target have been developed for the next three years.	**REF 2.3.2_3.1.1_4.1.1-2-3 Water Stewardship plan Viladrau_V_1**

6.3 OBSERVATIONS

Three 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 7.3.1. Observations and New Information Requests raised during the AWS audit process

No.	Type	Ref.	Details	Response by NESTLÈ WATERS VILADRAU	Relevant References
1	Observation	152OBS	It would be advisable to update periodically the site water balance yearly or at least every 3 years (1.3.2 Balance Cuenca Hidrográfica ampliada Riera Major)		
2	Observation	155OBS	It would be interesting to establish a criteria (ranking) in order to assess the status and Risk for REF “1.5.5 WHCV Water-related high conservation values”, and update it in order to match the result against the criteria.		
3	Observation	311OBS	It is recommended to make a list where all evidences that the site has supported a good catchment governance, are collected.		

7 SUMMARY

In reviewing the body of evidence presented by NESTLÈ WATERS VILADRAU 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.

No major and one minor non-conformances has been identified .

8 OPPORTUNITIES FOR IMPROVEMENT

The certification audit for NESTLÈ WATERS VILADRAU 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.

9 CONCLUSIONS AND RECOMMANDATIONS

Given the review of evidence produced and site visit inspections performed at the NESTLÈ WATERS VILADRAU Plantation, SGS recommends that NESTLÈ WATERS VILADRAU is awarded AWS Certified status with a surveillance audit interval of annual frequency.

10 REFERENCES

STEP 1 Gather & Understand

- 1.1 Physical Scope
- 1.1.1 Water stewardship Phisical scope
- 1.2 Understand relevant stakeholders
- 1.2.1 Copia de CRP 2 0 - NW - Viladrau Nov2016 ActionPlan Validated
- 1.2.1 Copia de CRP tracking tool 2018_Viladrau
- 1.2.2 Sfere of influences of stakeholders based on CRP.
- 1.3 Gather data water for site
- 1.3.1 IT-MA-2161-0002 Vertido accidental de sosa.
- 1.3.1 IT-MA-2161-0004 Vertido de agua sin depurar o parcialmente depurada
- 1.3.1 IT-MA-2161-0005 Vertido accidental de gas oil
- 1.3.1. IT-MA-2161-0003 Vertido accidental de productos químicos y aceite usado
- 1.3.2. Balanç Hídric Planta Viladrau 2016
- 1.3.2. Balanç Hídric Planta Viladrau 2017 v1
- 1.3.2. Balanç Hídric Planta Viladrau 2018 v1
- 1.3.2. Balance Hidrico Cuenca Ampliada Riera Major
- 1.3.3 CIAT_WR Justification_Viladrau 2019 monthly analysis
- 1.3.3 Presentació fabrica medi ambient
- 1.3.4 BALANÇ HIDRIC
- 1.3.4 Datos meteo_VILADRAU-des-de-1996
- 1.3.4 Evolució quimisme Pous 2007_2018
- 1.3.4 Gestión del agua de fábrica
- 1.3.5 Listado de productos químicos-2019
- 1.3.5 Punts potencials de contaminació PPQQ
- 1.3.6 Limits Parc Natural del Montseny
- 1.3.6 Pla de conservació del Parc Natural del Montseny. Reserva de la Biosfera
- 1.3.6 IWRAs Viladrau area
- 1.3.7 Aj. Arbúcies
- 1.3.7 Aj. Viladrau colaboración
- 1.3.7 Coste recuperación de agua
- 1.3.7 Pago Canon Aigua 2017 sap extract
- 1.3.7 WR Budget 2019
- 1.3.8 WBCSD_WASH Self-Assessment Tool_v2_sept2014_final Viladrau set2018

- 1.4 Gather Data site indirect water use
- 1.4.1 GEF Viladrau 2018 comparació 1.5 LPET vs 1L Vidre ret
- 1.4.1 GEF Viladrau 2018 comparació 0_5 PET vs 0_5 Vidre ret
- 1.5 Gather water related data catchment
- 1.5.1 Bewater acte final i resum
- 1.5.1 BeWater conclusions finals
- 1.5.1 dibtic trito
- 1.5.1 Estudi recursos hidrics riera major Viladrau
- 1.5.1 Pla de conservació del Parc Natural del Montseny. Reserva de la Biosfera
- 1.4.1 Projecte Life trito Montseny
- 1.5.1 RBAP_Tordera_CAT_DEF BEWATER
- 1.5.1 resum_jornada_hidrogeolegsPNRB_PerREV David Bonilla
- 1.5.2 BBDD_Legislacion_aplicable_al_sector_aguas_envasadas sep 2018
- 1.5.5 Cumplimiento legal Aguas jul 2018 CETAIMA
- 1.5.3 Balance Hidrico Cuenca Ampliada Riera Major
- 1.5.3 Estudio Vulnerabilitat Viladrau_Aquarel
- 1.5.3 VILADRAU_poster_04_2019
- 1.5.4 Evolució quimisme Pous 2007_2018
- 1.5.4 Nestlé Waters BMWPC Informe-curt 2017
- 1.5.5 Anexo Pla de conservació del Parc Natural del Montseny. Reserva de la Biosfera
- 1.5.5 Anexo Projecte Life trito Montseny
- 1.5.5 Anexo Recuperación de un Bosque de Ribera Aneabe
- 1.5.5 Anexo Resum trobada hidrogeolegs proj LIFE trito nov 2019
- 1.5.5 WHCV Water-related high conservation values
- 1.5.6 Sector del abastecimiento y saneamiento urbano en España, El_
- 1.6 Understand shared water challenges
- 1.6.1.2 Shared water challenges Viladrau
- 1.7 Understand the site water risk & Opport
- 1.7.1 Site water Risks Viladrau
- 1.7.1 Water Risk Filter - Risk Chart for agua de viladrau
- 1.7.2 Site water opportunities Viladrau
- 1.8 Understand best Practice towars achieving AWS outcomesa
- 1.8 Best practices AWS

STEP 2 Commit & Plan

- 2.1.1 3519 - NP Nestlé, firme en la lucha contra el cambio climático_int 22.10.2019
- 2.1.1 AN1317 - Nestlé Waters y AWS
- 2.1.1 Viladrau's WS commitment
- 2.1.2 Nestle-Commitment-Water-Stewardship
- 2.2.1 Cumplimiento legal aguas CTAIMA
- 2.3.1 Nestle Waters SPAIN WS strategy
- 2.3.2 Water Stewardship plan Viladrau
- 2.4.1 Bewater acte final i resum
- 2.4.1 Resilience Plans Viladrau
- 2.4.1 BeWater conclusions finals

STEP 3 Implement

- 3.1 Implementar plan cumplimiento Gobernaza
- 3.1.1 Pruebas apoyo gobernanza
- 3.1.2 Water rights of others
- 3.2 Implementar sistema cumplimiento legal
- 3.2.1 Cumplimiento legal aguas CTAIMA
- 3.3 Implementar plan para alcanzar objetivos equilibrio hídrico
- 3.3.1 Progresos objetivos del plan
- 3.3.1 Gestión del agua de fábrica
- 3.3.2 Objetivos anuales del agua
- 3.3.2 Presentació fabrica medi ambient
- 3.3.3 Documentación resignación agua
- 3.4 Implementar plan para alcanzar objetivos de calidad del agua
- 3.4.1 Avance en los objetivos de calidadences
- 3.4.2 Objetivos aguas residuales
- 3.4.2 IWRAs Viladrau area
- 3.4.2 conveni pescadors 1997
- 3.4.2 Nestlé Waters Informe BMWPC-2018
- 3.4.2 Presentació fabrica medi ambient
- 3.5 Implementar plan para las IWRA
- 3.5.1 IWRAs Viladrau area
- 3.6 Implementar plan para WASH

- 3.6.1 Wash on site
- 3.6.1 WASH Self-AssesmentTool_viladrau set2018
- 3.6.2 Respect of communities
- 3.7 Implement plan para uso agua indirecta
- 3.7.1 Plan mantenimiento o mejora del uso indirecto del agua del lugar
- 3.7.2 Pruebas de compromiso con proveedores
- 3.8 Implementar plan para involucrar propietarios de instalaciones de agua compartida
- 3.8.1 Pruebas del compromiso
- 3.8.1 Resilience Plans Viladrau
- 3.9 Implementar acciones mejora continua AWS
- 3.9 Best practices AWS

STEP 4 Evaluate

- 4.1 Evaluación desempeño AWS
- 4.1.1 Water Stewardship plan Viladrau
- 4.2 Evaluación Impacto de incidentes
- 4.3 Evaluación del Feed back Stakeholders

STEP 5 Communicate & Disclose

- 5.1 Dilvulgar gobernanza interna
- 5.2 Comunicar el Plan de gestión sostenible a Stakeholders
- 5.3 Divulgar resumen anual de gestión sostenible del agua
- 5.4 Divulgar esfuerzos colectivos
- 5.5 Comunicar transparencia cumplimiento

Appendix 1
SGS audit checklist

Clause	Details	Yes	No	Comments/Evidence
1	GATHER AND UNDERSTAND			
1.1	*Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the water sources from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.*			
1.1.1 (core)	The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including: - Site boundaries; - Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; - Any water sources providing water to the site that are owned or managed by the site or its parent organization; - Water service provider (if applicable) and its ultimate water source; - Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies; - Catchment(s) that the site affect(s) and is reliant upon for water.	☒	☐	
1.2	*Understand relevant stakeholders, their waterrelated challenges, and the site's ability to influence beyond its boundaries.*			
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: - Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people; - Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies; - Provide evidence of stakeholder consultation on water-related interests and challenges; - Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups; - Identify the degree of stakeholder engagement based on their level of interest and influence.	☒	☐	Improvement Opportunity 1: It would be interesting to update the current Stakeholders listed at 1.2.1 CRP (ex. Liquats Vagetals, S.A.)

Clause	Details	Yes	No	Comments/Evidence
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 water source and ultimate receiving water body for wastewater.	☒	☐	
1.3	*Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.*			
1.3.1 (core)	Existing water-related incident response plans shall be identified.	☒	☐	
1.3.2 (core)	Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped.	☒	☐	
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.	☒	☐	
1.3.4 (core)	Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.	☒	☐	
1.3.5 (core)	Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.	☒	☐	
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.	☒	☐	
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 identified and used to inform	☒	☐	

Clause	Details	Yes	No	Comments/Evidence
	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.	☒	☐	
1.4	*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.*			
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.	☒	☐	
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.	☒	☐	
1.5	*Gather water-related data for the catchment, including: water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH*			
1.5.1. (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.	☒	☐	
1.5.2. (core)	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	☒	☐	Obs. 1: It would be advisable to update periodically the site water balance yearly or at least every 3 years (1.3.2 Balance Cuenca Hidrográfica ampliada Riera Major)
1.5.3. (core)	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	☒	☐	
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.	☒	☐	
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	☒	☐	Obs. 2. It would be interesting to establish a criteria (ranking) in order to assess the status and Risk for REF "1.5.5 WHCV Water-related high

Clause	Details	Yes	No	Comments/Evidence
	environment, using scientific information and through stakeholder engagement.			conservation values", and update it in order to match the result against the criteria.
1.5.6. (core)	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.	☒	☐	
1.5.7. (core)	The adequacy of available WASH services within the catchment shall be identified.	☒	☐	
1.6	*Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.*			
1.6.1 (core)	Shared water challenges shall be identified and prioritized from the information gathered.	☒	☐	
1.6.2. (core)	Initiatives to address shared water challenges shall be identified	☒	☐	
1.7	*Understand the site's water risks and opportunities: Assess and prioritize the water risks and opportunities affecting the site based upon the status of the site, existing risk management plans and/or the issues and future risk trends identified in 1.6.*			
1.7.1 (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.	☒	☐	
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.	☒	☐	
1.8	*Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.*			
1.8.1. (core)	Relevant catchment best practice for water governance shall be identified.	☒	☐	
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.	☒	☐	
1.8.3. (core)	Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.	☒	☐	
1.8.4. (core)	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.	☒	☐	
1.8.5 (core)	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.	☒	☐	
2	COMMIT AND PLAN			

Clause	Details	Yes	No	Comments/Evidence
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)	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.	☒	☐	
2.2.	*Develop and document a process to achieve and maintain legal and regulatory compliance.*			
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 - Process for submissions to regulatory agencies.	☒	☐	
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.	☒	☐	
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	☒	☐	Minor NC 1. Although timeframes to achieve each target has been included into the Water Stewardship plan (REF 2.3.2 _3.1.1_4.1.1-2-3 Water Stewardship plan Viladrau.), currently it describes objectives and actions that have already been achieved and NESTLE doesn´t have plans for the whole period of the certificate (next 3 years).

Clause	Details	Yes	No	Comments/Evidence
	achievement of best practice to help address shared water challenges and the AWS outcomes.			
2.4.	*Demonstrate the site's responsiveness and resilience to respond to water risks*			
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.	☒	☐	
3	IMPLEMENT			
3.1.	*Implement plan to participate positively in catchment governance.*			
3.1.1. (core)	Evidence that the site has supported good catchment governance shall be identified.	☒	☐	Obs. 3 it is recommended to make a list where all evidences that the site has supported a good catchment governance, are collected.
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.	☒	☐	
3.2.	*Implement system to comply with water-related legal and regulatory requirements and respect water rights.*			
3.2.1. (core)	A process to verify full legal and regulatory compliance shall be implemented.	☒	☐	
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.	☒	☐	
3.3.	*Implement plan to achieve site water balance targets.*			
3.3.1 (core)	Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.	☒	☐	
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.	☒	☐	
3.3.3. (core)	Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.	☒	☐	
3.4.	*Implement plan to achieve site water quality targets.*			
3.4.1. (core)	Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.	☒	☐	
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.	☒	☐	

Clause	Details	Yes	No	Comments/Evidence
3.5.	*Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.*			
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.	☒	☐	
3.6	*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.*			
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.	☒	☐	
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.	☒	☐	
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.	☒	☐	
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.	☒	☐	
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.	☒	☐	
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	☒	☐	
3.9.2. (core)	Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.	☒	☐	
3.9.3. (core)	Actions towards achieving best practice, related to targets in	☒	☐	

Clause	Details	Yes	No	Comments/Evidence
	terms of water quality shall be implemented.			
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.	☒	☐	
3.9.5. (core)	Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.	☒	☐	
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	☒	☐	
4.1.2. (core)	Value creation resulting from the water stewardship plan shall be evaluated.	☒	☐	
4.1.3 (core)	The shared value benefits in the catchment shall be identified and where applicable, quantified.	☒	☐	
4.2	*Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.*			
4.2.1. (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.	☒	☐	
4.3.	*Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.*			
4.3.1 (core)	Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.	☒	☐	
4.4.	*Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.*			
4.4.1. (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.	☒	☐	
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.*			

Clause	Details	Yes	No	Comments/Evidence
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.	☒	☐	
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.	☒	☐	-
5.3	*Disclose annual site water stewardship summary, including the relevant information about the site's annual water stewardship performance and results against the site's targets.*			
5.3.1. (core)	A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.	☒	☐	
5.4	*Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies.*			
5.4.1. (core)	The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.	☒	☐	
5.4.2. (core)	Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.	☒	☐	
5.5	*Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.*			
5.5.1. (core)	Any site water-related compliance violations and associated corrections shall be disclosed.	☒	☐	
5.5.2. (core)	Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.	☒	☐	
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.	☒	☐	