AWS Conformity Assessment

Report for:

COCA COLA HBC Italia-Oricola plant

LR reference:	PIR00000297/ 4783908
AWS reference number:	AWS-000401
Assessment dates:	25-26/11/2021
Assessment location:	Località Immagine, Oricola – AQ 67063, Italy
Assessment criteria:	AWS Standard Version 2, 22/03/2019
Assessment team:	Artemis Papadopoulou (Lead auditor), Fabrizio Vitale (local auditor)
Assessment type:	Initial audit
Single site/ Multi-site/ Group site:	Single site
LR office:	Piraeus

Contents

Attachments

This report was prepared by:		**This report was presented to and accepted by:**	
Name:	Artemis Papadopoulou	Name:	Claudio Casalbore
Job title:	AWS Lead Auditor	Job title:	HSE Manager

1. Executive report

Assessment outcome & AWS certification level:

Choose from one of the following options:

1) Recommendation for issuance of the certificate
2) ~~Recommendation for continuation of the certificate~~

Choose from one of the following options:

1) ~~AWS Core~~
2) AWS Gold (52 points)
3) ~~AWS Platinum Certified~~

Areas of weaknesses/ opportunities for improvement:

The plant is advised to focus on further engagement with its stakeholders for obtaining information about their water challenges, the potentiality of having joint actions on water protection and for identifying their opinion about the water management/ performance of the company. More effort in disclosing information about the water management system (shared water challenges, responsibilities, etc.) is also recommended.

Re-evaluation of AWS certification level (if applicable):

Choose from one of the following options:

1) ~~recommendation for an 'upgrade' in certification level~~
2) ~~recommendation for a 'downgrade' in certification level~~

2. Introduction

AWS responsible person:

Claudio Casalbore, HSE Manager

AWS responsible person contact details:

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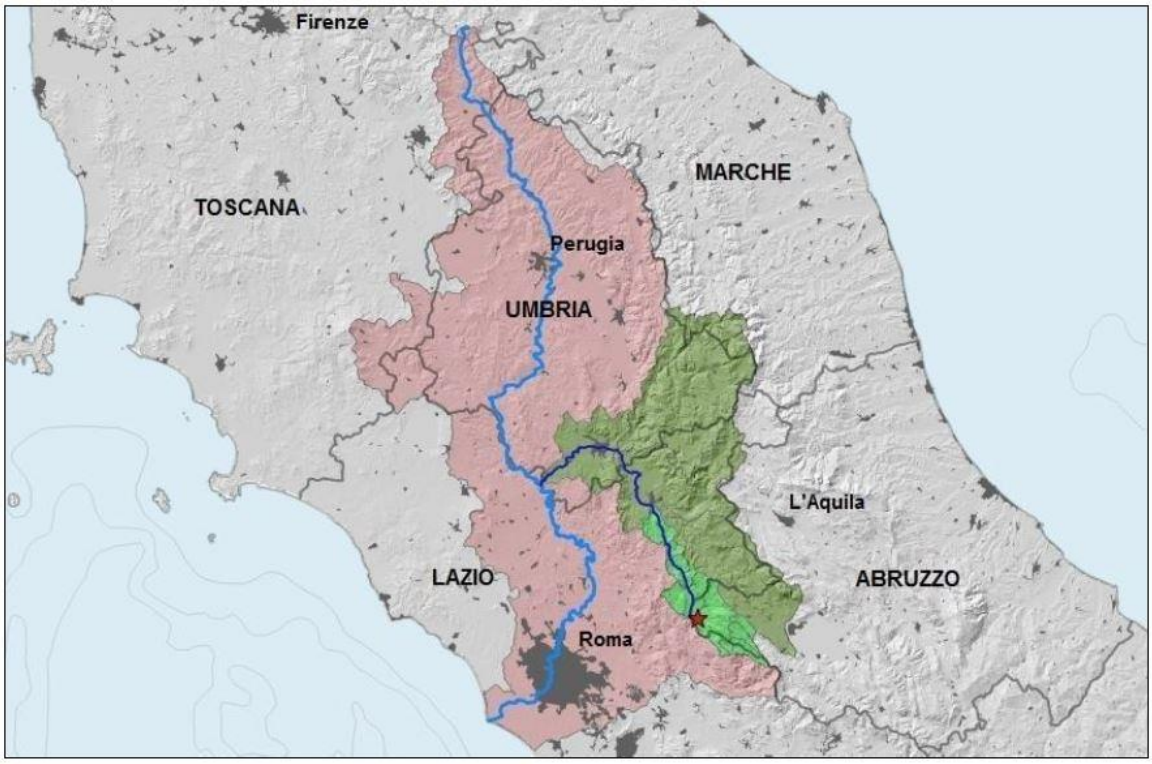
Scope of the assessment (including all locations & facilities visited):

CCH Oricola plant (no on-site visit, due to COVID-19 restriction measures)

NOTE: The site has been visited in previous occasions, in the framework of EWS assessment. The wells 1, 4,6 were visited during past assessments.

A virtual site tour was conducted the second day of the audit.

Description of the catchment:



The plant withdraws groundwater from two different aquifers at different depths. Well 1 and 2bis, extract groundwater from upper aquifer; this is characterized by heterogeneous alluvial-lacustrine deposits with complex geometries and different values of permeability. Rainfalls, snow and runoff recharge the groundwater body. The recharge area of the aquifer includes Oricola Plain, that extends in N-S direction for 12 km, and in E-W direction for 6 km, and the slopes of the reliefs that surround the plain. The Water Protection Plan, drafted by the Authority of Abruzzo Region, has estimated an annual average recharge for the Turano Basin about 80 millions of m^3. Wells 4 and 6, which are about 400 m deep, extract groundwater from the deeper, fractured and karstified carbonatic aquifer, that is separated from the upper aquifer by more than 100 m thick of clayey deposits. Rainfall and runoff water that infiltrates underground recharge the groundwater body. The recharge area is wide and complex and extends in the Simbruini Mountains, that surrounds east and south the Oricola Plain. An estimation of the potential water availability in this sector of the wide groundwater body, that is interested for the withdrawals of the plant, can be considered of about 4 m^3/s, which is the natural discharge of the Acqua Marcia springs, located approximately 10 km south to the Oricola Plain.

The plant is located in Abruzzo Region, inside the hydrographic basin of Velino-Turano River, that is a third order sub-basin of Tiber Basin. In Abruzzi Region the sub-basin has a catchment area of 216 km^2. Turano River has a length of 70 km and flows to Velino River at Rieti. Velino River has its origin at Monte Pizzuto and flows to Nera River at Papigno. Velino River has a total length of 90 km, a basin area of 2.238 km^2, and an average discharge of 60 m^3/s. Nera River has its origin in Monti Sibillini, east of Foligno and flows to the Tiber River close to Orte. Nera River has a total length of 116 km, a basin area of 4.280 km^2 and an average discharge of 108 m^3/s.

Summary of shared water challenges:

- ✓ Optimization of water management
- ✓ Monitoring of the underground water
- ✓ Transparent communication on sustainability strategy both internally and externally
- ✓ Sensibilization and education of stakeholders on responsible water use / waste collection
- ✓ Protection of water resources through policies and activities to reduce the pollution in seas and rivers

General information about the site's operations:

The plant started its production in 1989.
-The plant has 5 lines (1 BIB, 3 PET Lines, 1 premix) and produces only soft drinks (Coca-Cola, Fanta, Sprite, Kinley), 10 brands, 13 package sizes
-Number of employees: 98 (in manufacturing)
-River basin: Turano basin
-The water is extracted by 4 private wells (1,2bis,4,6), which are located at the perimeter of the plant. Wells P2 and P3 are currently not in use. Well 7, for natural mineral water is under authorization (currently the company doesn't know if it will proceed to the use of the well). The operation of the new well P2bis (in the place of the former P2) started in July 2019. Final approval of well 2bis: September 2021.
-No municipal water supplier
-The wastewater is treated in the plant's WWTP and is discharged (combined with storm water) to the creek Fosso Secco, which flows to Turano River.Turano has a length of 70 km and flows to Velino River at Rieti.

Audit attendees:

Name	Job title	Company
Daniela Ortalli	Country HSE Governance Manager	CCHBCI
Alessandro Spagnolo	Country HSE Governance Specialist	CCHBCI
Alessandra Girolami	Country QSE Manager at interim Country Enviroment Manager	CCHBCI
Giulia Colombo	Community & Sustainability Manager (PAC Department)	CCHBCI
Brunella Cuomo	New Country Environmental Manager	CCHBCI
Matteo Fenu	Plant Manager	CCHBCI-Oricola plant
Claudio Casalbore	HSE Manager	CCHBCI-Oricola plant
Giuseppe Giovane	Production Area Manager	CCHBCI-Oricola plant
Federico Di Croce	Continuous Improvement Coordinator	CCHBCI-Oricola plant
Antonio Piccirillo	Plant Engineering Manager	CCHBCI-Oricola plant
Lucia Marcangeli	Business Support Operations	CCHBCI-Oricola plant
Maurizio Giordani	Analyst	CCHBCI-Oricola plant
Gianluigi Giannella	Geologist (external consultant)	

3. AWS Standard Requirements Checklist - Detailed

Criterion #	Indicator #	Conformance (YES/NO)	Level of non conformance (OBS, Minor, Major)	Audit trails/ objective evidence	Scoring (delete if NA)
STEP 1 GATHER & UNDERSTAND					
1.1 Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the water sources from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.	1.1.1 The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including: - Site boundaries; - Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; - Any water sources providing water to the site that are owned or managed by the site or its parent organization; - Water service provider (if applicable) and its ultimate water source; - Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies; - Catchment(s) that the site affect(s) and is reliant upon for water	YES		▪ Report CCH AWS 2020 ▪ Map with wells and pipelines network ▪ Drainage map storm water and effluent water drainage system (final destination: creek Fosso secco). Water from well 1 and 2bis comes from the upper aquifer (60m), water from wells 4, 6 comes from the deeper aquifer (500m). No external water supplier. The plant provides water to the municipality (it's part of the authorization, however, there isn't any strict obligation about the quantity of the water to be provided). No usage of water from wells 2 and 3. Refurbishment of well 1 in 2020. Main sources of water: 1, 2bis (new well). Wells 4,6 are activated when the production needs are increased. Well 7: drilled for mineral water, the authorization is on-going. WWTP on-site. The water from the 4 wells (1, 2bis, 4,6) is combined and is used for all purposes. In 2020, approximately 50% of the maximum authorized value was utilized.	

				Catchment area: Turano river basin	
1.2 Understand relevant stakeholders, their waterrelated challenges, and the site's ability to influence beyond its boundaries.	1.2.1 Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall: - Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people; - Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies; - Provide evidence of stakeholder consultation on water-related interests and challenges; - Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups; - Identify the degree of stakeholder engagement based on their level of interest and influence.	YES	Minor NC 1121APP01	○ On-line stakeholder forum in March 2021 ○ On-line materiality matrix questionnaire was sent to internal key stakeholders (173 employees) ○ One-to-one interviews to key external stakeholders (media, trade associations, customers, suppliers, NGO, etc.) for deep dive in materiality topics (responsible water management was one of the main topics) ▪ List of local stakeholders-Oricola plant 2021 (stakeholders, water challenges, common water challenges, actions, current and future degree of engagement) ▪ Stakeholders identified in local level: Municipality of Oricola, Carsoli and other, schools/ Universities, Aqueducts, Forest Protection Agency, Abruzzo Regional Authorities, Administration of the Parco Naturale Regional dei Monti Lucretili, Confindustria, geologist of the plant, Bank Alimentaria Abruzzo (NGO), District Authority of Central Appenines Source of info: meetings, website, water management plan ▪ List of stakeholders in national level (employees, media, NGO, trade associations, politicians, Academic/ Institutions, Consortium, customers) ○ Meeting with Municipality of Oricola on 6/9/2021 (stoppage of water supply for 1 month due to maintenance reasons) → Challenge: improvement of the water capacity ○ Meeting with the Director of the Natural park of Monti Lucretili (4/10/2021)-investigation of future collaboration→ proposed plan: increase of the awareness on the protected area (e.g. creation of paths, installation of informative boards, etc.)	

				▪ MoM of the meeting on 6/9/2021 ○ Meeting with the Confindustria on 14 July 2021 (presentation of water management plan and sustainability report)- positive feedback from the Responsible of Public Relations of the Confindustria ○ Meeting in Majorana school, Oct. 29 – it was organized by the local trade association and attended by Plant Manager, SC colleagues and HR Director. 30 students were involved→ sharing of sustainability commitments was part of the presentation ○ Local meetings/ workshops organised by the Authority of Central Appenines, in May 2021 (public consultation on the new river management plan)	
	1.2.2 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.	YES		See above.	
1.3 Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.	1.3.1 Existing water-related incident response plans shall be identified.	YES		▪ IMCR Manual, Risk Assessment & Mitigation plan (Natural disaster, deliberate product contamination, Accidental product contamination) The manual is validated by CCH Group and TCCC, last validation on 19.10.2021 Depending on the risk, an IMCR training & validation takes place (risk- based approach for the selection of the frequency). For CCHBCI the frequency is every 2 years). ▪ Map with areas where chemicals are stored (A_16 Planimetria High Risk Areas Chemicals – Rev. October 2021) – The map includes: a fuel tank in the area 13 "Serbatoi interrati", concentrates' storage in the area 14 – "Magazzino Concentrati". The site contains 4 underground tanks, 2 of them are out of order. One contains diesel fuel, the other contains usually diathermic oil, but at the moment is empty. All four tanks are double layered with N2 in between.	

				Monthly pressure checks are carried out for the verification of the tanks' integrity. ▪ IO-07 "Gestione spandimenti accidentali" Rev. 12 21.05.2021, Operational instructions in case of accidental spillages - areas of chemicals, preventive measures, mitigation actions, simulation of the emergency situations, training of employees. ▪ Plan of Emergency and evacuation Rev. 02 30.06.2019 (leakages, explosions, earthquake, flooding, pollution of storm water, etc.) Drills are performed annually for the evaluation of the emergency preparedness. Last spillage drill was performed on 24.05.2021.	
	1.3.2 Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped	YES		▪ Water map 2020 (1020 m^3 is estimated to be lost through evaporation at the cooling tower) ▪ Water map water balance 2020 (water abstracted per well, water in the storage tank, water given to community, recovered/ recycled water, sanitary and total wastewater, production volume) [redacted]	
	1.3.3 Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.	YES		There aren't any water stress periods. WSI (upper aquifer): 0,011-0,059 (moderate severity) WSI (deeper aquifer): 0.09-0.91 with average value: 0,76 (moderate severity) See also above.	
	1.3.4 Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related	YES		▪ Annual Physico-chemical analysis by Tecnosib lab (well 1), Report 21LA01697, 1.07.2021 ▪ Annual Microbiological analysis by Tecnosib lab (well	

	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) Report 21LA02153, 3.09.2021 ▪ Annual Physico-chemical and microbiological analysis by Tecnosib Lab (well 4), Report 21LA00804 30.03.2021 ▪ Annual Physico-chemical analysis by Tecnosib Lab (well 2bis), Report 21LA01287 14.05.2021 ▪ The effluent water is fully analysed quarterly by the external Laboratory Tecnosib according to legal and KORE requirements. No violations or issues. Report 21LA00118 2.0.2021, Report 21LA00926 29.04.2021, Report 21LA02036 3.08.2021, Report 21LA02672 5.11.2021. Analysis parameters: TN, Surfactants, TSS, TDS, Temperature, pH, COD, BOD, free chlorine, Sulphates, TP, Chlorine, Oil & grease, Ammonium, Nitrates, metals, aromatic organic solvents, pesticides, fecal coliforms, Daphnia Magna, etc. The water passes through the oil-separator and then it ends up to the creek Fosso Secco via the effluent water pipeline. Last check of the oil separator on 21/03/2021 (4 checks per year according to "*MD 16 - Scadenziario 2021.xls*"). ▪ Daily internal analysis of the effluent (COD, pH, quantity, NO2, NO3, NH4, PO3, total organic substance, oxygen, sludge quantity, coliforms No obligation to analyse storm water. However, the plant carries out storm water analysis too. The last one was carried out on November 2021 (Report 21LA02793 15.11.2021). No findings were identified. ▪ Analysis of the creek is performed twice per year upstream and downstream (e.g. on 18/06/2020, 30/11/2020, 21.6.2021)-the parameters are within legal limits and in some cases the water downstream is better. Parameters checked in the creek: pH, colour, odour, TSS, BOD, COD, metals, sulphates, free chlorine, chlorides, TP, TN, HC, aromatic solvents, surfactants,	

				pesticides, Daphnia magna ▪ Report elaborated by the geologist-visual inspection of Fosso secco water in different points, from plant's discharge point to Turano river (February 2021) Good ecological condition was observed near the discharge point of plant's effluent but near the Turano river the condition is deteriorating (potential pollution from the industries in Carsoli municipality).	
	1.3.5 Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site	YES		Potential sources of pollution in Oricola plant are the storage areas of chemicals. The following documentation is available: ▪ Map with areas where chemicals are stored (A_16 Planimetria High Risk Areas Chremicals – Rev. october 2021) – That map includes: fuel tank in the area 13 "Serbatoi interrati", concentrates storage in the area 14 – "Magazzino Concentrati" ▪ IO 05 "GestioneSostanze chimiche e Materiali Pericolosi" Rev. 08 - 3.06.2020 - Procedure for handling of chemicals and hazardous materials ▪ "Annex II.1_elenco reagenti plant 2020" list of chemicals in the plant (name of the chemical, equipment and location of usage, location of storage, pollution type, potential destination, link to MSDS, potential risk, H-phrases, annual consumption in 2019, quantity in stock, classification according to WFD) ▪ "Annex II.2_elenco reagenti plant-WATER HAZARD-2020" list of chemicals_water hazards (name of the chemical, which is main pollutant, water hazardous active substances, Cas number, % of active substance, classification as hazardous to aquatic, MSDS, annual consumption in 2019, maximum potential load in the effluent, comments) Some main pollutants have been identified but no priority substances are present in the site.	

	1.3.6 On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.	YES		No on-site IWRA.	
	1.3.7 Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.	YES		▪ CAPEX 2019 (adiabatic tower with estimated saving: 11000 m^3) ▪ Capex 2020 (refurbishment of the well 1 & near loss management, backwash recovery system) ▪ CAPEX 2022 (recovery of water from the 2nd step of SF backwash) [redacted]	
	1.3.8 Levels of access and adequacy of WASH at the site shall be identified.	YES		▪ Report CCH AWS 2020 (information about WASH in the plant and the catchment) ▪ Layout of the plant with the location of toilets/ showers/ changing rooms/ areas of bottled water ▪ Water provision from the plant's wells ▪ The water in the toilets is potable ▪ GMP inspections schedule for November 2021 (e.g. for canteen, changing rooms, toilets, etc.)	
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	1.4.1 The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.	YES		▪ Group Annual environmental report 2020/ Ingredients Water footprint (CO2, packaging): embedded water of the primary inputs taking into consideration bibliographical data ▪ Report CCH AWS 2020 ▪ Water footprint for CCHBCI (info about certifications, location, water metric, source of water, monitoring of water consumption and targets, action for water	

waters at the origin of the inputs (where they can be identified); and water used in out-sourced water-related services.				protection, water footprint by the Group, quantity of materials consumed, categorization of the suppliers based on the water footprint level, info about the water stress level, etc.) ▪ Aqueduct map with the location of suppliers 2021 (One supplier for labels in the Tiber River catchment but none in Turano River Basin. The rest are located in other catchments of Italy or Europe).	
	1.4.2 The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.	YES		The plant doesn't use the services of any water-related Provider. See indicator 1.4.1.	
	1.4.3 Advanced Indicator The embedded water use of primary inputs in catchment(s) of origin shall be quantified	YES	OBS 1121APP01	See indicator 1.4.1.	7
1.5 Gather water-related data for the catchment, including: water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH	1.5.1 Water governance initiatives shall be identified, including catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help inform site of possible opportunities for water stewardship collective action.	YES		Turano river basin is a sub-catchment of Tiber River basin and it belongs to Lazio and Abruzzo region (2 different protection plans). ▪ Report CCH AWS 2020 (Info from the Authorities of Central Apennines Basin for the Abruzzo region (withdrawals and losses in water distribution, availability of water, prioritisation of future actions e.g. recovery of losses, identification of back-up sources, identification of best practices for the prevention of a potential water crisis, installation of 2 stations for the monitoring of precipitation, budget for future hydrological plans in 2021-2029, investigation about the drilling of 2 new wells for the supply of Oricola and municipalities nearby for potential future needs) ▪ List of WWTP in Italy that need upgrade (area, reasons for the upgrade, budget) The municipal WWTP of Carsoli in Turano river is included in the list. Oricola municipality discharges to a different WWTP-no issues.	

	1.5.2 Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.	YES		▪ Geological and hydrological map 2017/ characteristics of well 7 ▪ Risk map of flooding and land collapse ▪ Map of land usage and limits ▪ Vulnerability and protection zones for well 7 ▪ Water Protection Plan of Abruzzo region ▪ AUA n° 01/2017 from Comune di Oricola Prot. N° 2408 27.04.2021, Environmental Authorization for Oricola plant ▪ Determinazione Dirigenziale DPC024/369 4.09.2017- approval of the Environmental Authorization. ▪ "Determinazione Dirigenziale n° 2 21/01/2013" Permit by the Province of Aquila for all wells, Total annual abstracted water: 909.360 m^3: for well 1 is 146.880 m^3, well 4: 235.872 m^3, well 6:330.480 m^3, well 2: 122.688 m^3 and well 3: 73.440 m^3 (valid for 30 years starting from 10/8/1999) ▪ Maximum flow rate: for the wells 1,3,4 is 10 lt/s, for the well 2bis: 5 lt/s and for the well 6: 15 lt/s ▪ "Determinazione Dirigenziale n° DOPC/147 1/09/2021" Permit by Regione Abruzzo for all wells, Total annual abstracted water: 909.360 m^3 and for well 2bis: 122.688 (valid for 30 years starting from 10/8/1999) ▪ "Convenzione del 20.11.1990" Act between the plant and the Oricola community (obligation for provision of 10 lt/ sec of raw water to the community) ▪ Authorization for the initiation of drilling 2 and 3 well (as P2bis and P3bis wells) by the Regional Authorities of Abruzzo, 28/03/2017. P2bis and P3bis wells → not operational. ▪ Hygiene report by Region Abruzzo for the suitability of water from P2bis, ASL No 1, 7/1/2019 ▪ Permit for research of the new natural mineral water well by the Administration of Province of	

				Aquila, Prot. 37947 25/06/2013 ▪ Environmental authorization No 1/ 2017 (08/09/2017)-there is no limit of discharge quantity only limits for the effluent parameters in accordance with 152/06 law (the new anaerobic process is included)-valid for 15 years	
	1.5.3 The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	YES		▪ Report CCH AWS 2020 (water balance of superficial and deep aquifer)	
	1.5.4 Water quality, including physical, chemical, and biological status, of the catchment shall be identified, and where possible, quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be identified.	YES		▪ Report CCH AWS 2020 (info based on management plans 2010-2015 and 2015-2017, as well as on the preliminary plan)- ecological and chemical status of the surface waters (Turano river) and underground water ▪ Analysis of Fosso secco (see indicator 1.3.4) ▪ Preliminary issue of the second edition of management plan (expected to be issued till the end of the year 2021)	
	1.5.5 Important Water-Related Areas shall be identified, and where appropriate, mapped, and their status assessed including any threats to people or the natural environment, using scientific information and through stakeholder engagement.	YES	OBS 1121APP02	▪ Annex III.HCV-zone of protection in Oricola plant 2020 (name of protection area, code, type, region, quality and importance, protection goals, protection measures, management plan, site management, location, type of impact, parameters to control, TEEB, IWRA) ▪ List of IWRA (area, type, responsible for monitoring, availability of info, status, source, notes) Info about their status is included in the River management plan (rivers and lakes chemical status: good, ecological status: depends on the case, chemical status of groundwater: good for deep aquifer, poor for	

				shallow (2016 data) ▪ Report CCH AWS 2020	
	1.5.6 Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.	YES		▪ Report CCH AWS 2020 The plant isn't located in a flood-risk area.	
	1.5.7 The adequacy of available WASH services within the catchment shall be identified.	YES		There is sufficient water in the Aqueduct of Oricola for the supply of citizens. The houses in Oricola are connected to the municipal sewage system but in rural areas, a part of the population is still using septic tanks. ▪ Aqueduct Atlas (no drinking water and no sanitation: low risk) See indicator 1.3.8.	
	1.5.8 Advanced Indicator Efforts by the site to support and undertake catchment level water-related data collection shall be identified.	YES		▪ Analysis of the creek is performed twice per year upstream and downstream (e.g. on 18/06/2020, 30/11/2020, 21.6.2021)-the parameters are within legal limits and in some cases the water downstream is better. ▪ Report elaborated by the geologist-visual inspection of Fosso secco water in different points, from plant's discharge point to Turano river (February 2021) Good ecological condition was observed near the discharge point of plant's effluent but near the Turano river the condition is deteriorating (potential pollution from the industries in Carsoli municipality).	7
	1.5.9 Advanced Indicator The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified.	YES		Information about the WASH is included in the Aqueduct map.	4

				See indicator 1.4.1.	
1.6 Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.	1.6.1 Shared water challenges shall be identified and prioritized from the information gathered.	YES		Identified shared challenges (see also indicator 1.2.1): ✓ Optimization of water management ✓ Monitoring of the underground water ✓ Transparent communication on sustainability strategy both internally and externally ✓ Sensibilization and education of stakeholders on responsible water use / waste collection ✓ Protection of water resources through policies and activities to reduce the pollution in seas and rivers	
	1.6.2 Initiatives to address shared water challenges shall be identified.	YES		See indicator 1.2.1	
	1.6.3 Advanced Indicator Future water issues shall be identified, including anticipated impacts and trends	YES		See indicator 1.7.1.	3
	1.6.4 Advanced Indicator Potential water-related social impacts from the site shall be identified, resulting in a social impact assessment with a particular focus on water.	YES		▪ Socio-economic report, *Italiana di fatto*, 2021 ▪ Report CCH AWS 2020 (social impacts from the site, in relation to water/ wastewater have been identified) See also below.	4
1.7 Potential water-related social impacts from the site shall be identified, resulting in a social impact assessment with a particular focus on water.	1.7.1 Water risks by the site shall be identified and prioritized, including likelihood and severity of impact within and given timeframe, potential costs and business impact.	YES		▪ Register of environmental aspects (leakages of water from the wells, leakages of chemicals/ oils, malfunction of the WWTP, fire, leakages from the underground tanks, etc.)-last update: 7.5.2021 ▪ CCH-SVA-WMP Oricola (January 2021)-future risks have been identified and evaluated, mitigation actions have been planned. ▪ Report CCH AWS 2020 (socioeconomic impacts have been identified and evaluated)	
	1.7.2 Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and	YES		▪ Management review for year 2020, 10/5/2021 (discussion about investments and projects for improvement was part of the agenda)	

	business opportunities.			See also indicators 1.3.7 and 4.1.1.	
1.8 Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional,or national relevance.	1.8.1 Relevant catchment best practice for water governance shall be identified.	YES		○ Presentation of sustainability strategies/ commitments in national speaking platforms ○ Billboards with water and energy ratio, near losses progress, etc. ○ Near losses program (all employees are encouraged to report near losses) ○ **Let's talk about SUS**-Training of employees on sustainability topics (3 sessions in May 2021, more than 1000 employees took part, in a national level)- a survey followed each training for collection of feedback/ suggestions from the employees ○ Training material of BEE (behavioural environment excellence) ○ WIN TOGETHER DAY, (training of all operators) Guided tours for students of primary and high schools, following the project **"Fabbriche Aperte",** are planned with the intention to raise awareness and inform new generations on the water issue. The tours are conducted every 15 days in the period from January to May. ○ **Fabbriche Aperte 2017-2018** (topics discussed: water stewardship, recycling, activities)- plant visits, educational kits, educational laboratories and job meetings No visits were carried out in 2020-2021, due to COVID-19 restrictions. ○ Family Day (December 2019)- visit of the plant by the families of the employees, the authorities, people from the community, the public sector, etc. (presentation of future activities in relation to water and energy saving, etc.). (no visits in 2020-2021 due to COVID-19 restrictions)	

				○ Group training on water management, May 2021 (participants: HSE Manager, Plant Engineering Manager, Country HSE Governance Specialist, Country HSE Governance Manager, PAC Department) ○ Group training on Water management, 2020 (participants: HSE Manager, Spare Parts Maintenance Manager, Plant Engineering manager) ○ Group training on environmental management, 2021 (participants: HSE Manager, PAC Department, Country HSE Governance Specialist) ○ Group training on environmental management, 2020 (participants: Spare Parts Maintenance Manager, Utilities Supervisor)	
	1.8.2 Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.	YES		The plant's strategy is to give priority to water abstraction from upper aquifer than from the deeper aquifer (wells 4 and 6) ▪ Top 10 water saving initiatives ▪ 4.3.1. Table of energy saving from water projects (backwash recovery, new cooling tower with less use of water, water recovery from PET rinsers, optimization of raw water resources, recovery of rinsing water from CIPs-50% reduction of water used by the deeper aquifer, after the operation of the new wells)-process, water saving, energy saving, ratio of energy/ water, projects <u>Planned projects</u>: - Recovery of water from the SF and CF backwash. Step 1 has finished. The project is on-going. The recovery from the backwash of CF has been postponed. -Recovery of CIP water. The process is on-going (in validation phase) -Recovery of water from the premix machine for the pre-washing of the premix. Recovery of water from the filler of PET 1	

				▪ ΘΗΣΕΑΣ database/ Assessment of non-conformities (date, status, description of the problem, cause, equipment, closing date, IO or tag, name of employee who identified it, BRA or FRA) ▪ We Know Database/ SP (description, starting point, impact to QSE/ people/ customer service, cost, timelines, risk assessment, KBI, benefits, key learning & watch out) ▪ Recovery of carbon filters project expected to be completed in 2020 (already included in the budget but not yet approved). ▪ Successful practice-avoidance of water losses from the fire-fighting system (use of a sonar, improvement of WUR from 1,74 to 1.69) ▪ Improvement memos See also indicator 1.3.7.	
	1.8.3 Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.	YES		▪ Operational instruction of the WWTP (last update for including the anaerobic process: 21/5/2021)-responsibilities, processes, monitored parameters, sampling points and frequency, analysis by external lab and the frequency, emergency situations and mitigation actions ▪ Sampling plan for raw, semi-treated and treated water (parameters, frequency of analysis, etc.) ▪ Critical to quality maintenance matrix (last update: 25.3.2021) ▪ STQM-Compliance 2021 (plan with the maintenance activities scheduled in relation to Critical to Quality Maintenance Matrix) Best practices for water quality according to KORE, CCH and legal requirements.	
	1.8.4 Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.	YES		2 projects from District Authority of Central Apennines:	

				- The LIFE Blues Lakes project (for addressing the problem with microplastics in lakes) - ReSTART platform (collection of data for mitigation of earthquake and flood impacts to the water sources and the region) ○ Clean-up activities in the Tiber River organised by the District Authority ○ Clean-up of beaches ○ Editorial projects: Book 'School for prevention', for management of hydrological risks and protection of environment (it has been distributed to primary schools in 138 communities) Book for ReSTART project, distributed to 138 communities ▪ Website of District Authority of Central Apennines (publication of the outcome of the meetings held by the members of the Central Apennines Observatory) ▪ Climate and hydrological condition in the catchment of Central Apennines, August 2021 (precipitation trend, classification based on the humidity levels, flow rate of water sources, runoff index, etc.)	
	1.8.5 Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.	YES		See indicator 1.3.8.	
STEP 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	2.1.1 A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments: - That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes - That the site implementation will be aligned to	YES		The new water stewardship policy, signed by Group Chief Executive Officer, was issued on 9/12/2020. The policy is available at the homepages of CCH Group and CCHBCI.	

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.	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.				
	2.1.2 Advanced Indicator A statement that explicitly covers all requirements set out in Indicator 2.1.1 and is signed by the organization's senior-most executive or governance body and publicly disclosed shall be identified.	YES		See above.	1
2.2. Develop and document a process to achieve and maintain legal and regulatory compliance.	2.2.1 The system to maintain compliance obligations for water and wastewater management shall be identified, including: - Identification of responsible persons/positions within facility organizational structure - Process for submissions to regulatory agencies.	YES		▪ PM6.1.3 "Gestione degli obblighi di conformità HSE" Rev. 05 1.08.2019 - Procedure for HSE compliance management. The Site HSE Manager is responsible for the procedure. ▪ Risolvo portal (e-mails about new legislation or updates are sent by the external consultant NECSI srl) ▪ Risolvo portal/ list of applicable legislation (description, type of aspect, adoption time, priority, actions required for the legal compliance, status, deadline) Permits or other authorisations are attached to the relevant laws in the Risolvo portal. The tool informs the HSE Manager when the expiry date of the permit is near. An evaluation of legal compliance is conducted during the annual internal audits (the last one was conducted in December 2020). ▪ Solve Consulting Audit Report 9-10/09/2021. A legal conformance check is also carried out by the	

				external contractor on an annual basis.	
2.3 Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.	2.3.1 A water stewardship strategy shall be identified that defines the overarching mission, vision, and goals of the organization towards good water stewardship in line with this AWS Standard.	YES		▪ Water Reduction Plan & Target Setting, August 2020 ▪ Water management plan per plant (performance, projects, e.t.c.)-→ it will be presented to targeted audiences ▪ ES-RQ-235, Water sustainability guidance incorporating AWS approach, July 2020 ▪ Plant environmental Roadmap with actions (priority till 2022) - World without waste strategy - 2025 commitments - Water reduction & stewardship ▪ CCHBCI sustainability policy (published in intranet and website, 1.7.2021)	
	2.3.2 A water stewardship plan shall be identified, including for each target: - How it will be measured and monitored - Actions to achieve and maintain (or exceed) it - Planned timeframes to achieve it - Financial budgets allocated for actions - Positions of persons responsible for actions and achieving targets - Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.	YES		WUR 2016: 1.66 lt/ lt with respective target: 1.74 lt/ lt WUR 2017: 1.63 lt/ lt with respective target:1.60 lt/ lt WUR 2018: 1.60 lt/ lt with respective target:1.59 lt/ lt WUR 2019: 1.54 lt/ lt with respective target: 1.55 lt/ lt WUR 2020: 1.54 lt/ lt with respective target: 1.52 lt/ lt WUR YTD2021: 1.57 lt/ lt with annual target: 1.52 lt/ lt See also indicators 1.3.7 and 2.3.1.	
	2.3.3 Advanced Indicator The site's partnership/water stewardship activities with other sites within the same catchment (which may or may not be under the same organisational ownership) shall be identified and described.	NO		---	
	2.3.4 Advanced Indicator The site's partnership/water stewardship activities with other sites in another catchment(s) (either	YES		○ Collaboration with other CCH Italian plants in the framework of the water saving workshops (24-26 of	4

	under same corporate structure or with another corporate site) shall be identified.			November 2020 in Oricola)	
	2.3.5 Advanced Indicator Stakeholder consensus shall be sought on the site's water stewardship plan. Consensus should be achieved on at least one target. A list of targets that have consensus and in which stakeholders are involved shall be identified.	NO		---	
2.4 Demonstrate the site's responsiveness and resilience to respond to water risks	2.4.1 A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.	YES		○ Meeting with Municipality of Oricola on 6/9/2021 (stoppage of water supply for 1 month due to maintenance reasons) ○ Participation in the local meetings/ workshops organised by the Authority of Central Appenines (May 2021)- public consultation on the new river management plan	
	2.4.2 Advanced Indicator 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.	NO		---	
STEP 3 IMPLEMENT					
3.1 Implement plan to participate positively in catchment governance.	3.1.1 Evidence that the site has supported good catchment governance shall be identified.	YES		Central activities for water governance (in a national and local level): - Annual targets for water minimization - Monthly monitoring - CCH Water reduction plan - CAPEX/ OPEX See also indicators 1.2.1 and 1.8.1.	
	3.1.2 Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.	YES		See indicator 3.3.3.	
	3.1.3 Advanced Indicator Evidence of improvements in water governance capacity from a site-selected baseline date shall be	NO		---	

	identified.				
	3.1.4 Advanced Indicator Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the good water governance of the catchment shall be identified.	NO		---	
3.2 Implement system to comply with water-related legal and regulatory requirements and respect water rights.	3.2.1 A process to verify full legal and regulatory compliance shall be implemented.	YES		See indicator 2.2.1.	
	3.2.2 Where water rights are part of legal and regulatory requirements, measures identified to respect the water rights of others including Indigenous peoples, shall be implemented.	YES		Human rights are respected. See indicator 1.3.8.	
3.3 Implement plan to achieve site water balance targets.	3.3.1 Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.	YES		. See also indicator 2.3.2	
	3.3.2 Where water scarcity is a shared water challenge, annual targets to improve the site's water use efficiency, or if practical and applicable, reduce volumetric total use shall be implemented.	YES		See indicator 2.3.2	
	3.3.3 Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.	YES		In the authorization of the plant, there is a requirement for the provision of water to the citizens of the municipality. In 2020, the amount of water that was provided to the municipality was 153753 m^3.	
	3.3.4 Advanced Indicator The total volume of water voluntarily re-allocated (from site water savings) for social, cultural and environmental needs shall be quantified.	NO		---	
3.4 Implement plan to achieve site water quality targets.	3.4.1 Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.	YES		No issues with the quality of water so there isn't any need for setting any targets more than legal/ KORE requirements.	

				In 2020, there was an issue with one of the wastewater's parameters (fecal coliforms were not complying with respective KORE limit). However, there wasn't any legal violation and the problem was fixed in a short time. No issues since then.	
	3.4.2 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.	YES		See above.	
3.5 Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.	3.5.1 Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.	YES		No on-site IWRA.	
	3.5.2 Advanced Indicator Evidence of completed restoration of non-functioning or severely degraded Important Water-Related Areas including where appropriate cultural values from a site-selected baseline date shall be identified. Restored areas may be outside of the site, but within the catchment.	NO		---	
	3.5.3 Advanced Indicator Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the healthy status of Important Water-Related Areas in the catchment shall be identified.	NO		---	
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	3.6.1 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.	YES		See indicator 1.3.8.	

site's control.					
	3.6.2 Evidence that the site is not impinging on the human right to safe water and sanitation of communities through their operations, and that traditional access rights for Indigenous and local communities are being respected, and that remedial actions are in place where this is not the case, and that these are effective.	YES		See indicators 1.3.8 and 3.3.3.	
	3.6.3 Advanced Indicator A list of actions taken to support the provision to stakeholders in the catchment of access to safe drinking water, adequate sanitation and hygiene awareness shall be identified.	NO		---	
	3.6.4 Advanced Indicator In catchments where WASH has been identified as a shared water challenge, evidence of efforts taken with relevant public-sector agencies to share information and to advocate for change to address access to safe drinking water and sanitation shall be identified.	NO		---	
3.7 Implement plan to maintain or improve indirect water use within the catchment.	3.7.1 Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.	YES		▪ Commitments 2025 ▪ WOR, November 2021 (yields and respective targets for concentrates, preforms and CO2) ▪ MOR October 2021 (yields and respective targets for concentrates, sugar, preforms and CO2) Minimization of the raw materials/ packaging yields results in indirect minimization of water used for their production.	
	3.7.2 Evidence of engagement with suppliers and service providers, as well as, when applicable, actions they have taken in the catchment as a result of the site's engagement related to indirect water use, shall be identified.	YES		▪ Materiality matrix survey 2021 There aren't any suppliers/ service provider in the same catchment. See also indicators 1.2.1, 1.4.1 and 5.3.1.	
	3.7.3 Advanced Indicator Actions taken to address water related risks and	NO		---	

	challenges related to indirect water use outside the catchment shall be documented and evaluated.				
3.8 Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.	3.8.1 Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.	YES		No shared water-related infrastructure.	
3.9 Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.	3.9.1 Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.	YES		Best practices described in indicator 1.8.1 are implemented.	
	3.9.2 Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.	YES		Best practices described in indicator 1.8.2 are implemented.	
	3.9.3 Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.	YES		Best practices described in indicator 1.8.3 are implemented.	
	3.9.4 Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.	YES		See indicator 2.4.1.	
	3.9.5 Actions towards achieving best practice related to targets in terms of WASH shall be implemented.	YES		See indicator 1.3.8.	
	3.9.6 Advanced Indicator Achievement of identified best practice related to targets in terms of good water governance shall be quantified.	NO		---	

	3.9.7 Advanced Indicator Achievement of identified best practice related to targets in terms of sustainable water balance shall be quantified.	YES		CAPEX/ OPEX water saving projects are connected with the water ratio index (WUR) and their performance is quantified.	8
	3.9.8 Advanced Indicator Achievement of identified best practices related to targets in terms of water quality shall be quantified.	YES		Amount of water recycled in 2020: 41459 m^3 (from 4 areas: from SF, from the drums washer and from the first and last part of the rinsers in the 3 PET lines) Re- use of water in the production→ saving of higher quality of water and minimization of water treatment. See also indicator 1.8.2.	8
	3.9.9 Advanced Indicator Achievement of identified best practices related to targets in terms of the site's maintenance of Important Water-Related Areas have been implemented.	NO		---	
	3.9.10 Advanced Indicator Achievement of identified best practice related to targets in terms of WASH shall be quantified.	NO		---	
	3.9.11 Advanced Indicator A list of efforts to spread best practices shall be identified.	YES		▪ Stakeholders and sustainability forums ▪ WeKnow Database/ SP/QW/LL ▪ Toolbox talks/ environmental trainings ▪ Company's website/ intranet ▪ Presentation of sustainability strategies/ commitments in national speaking platforms	3
	3.9.12 Advanced Indicator A list of collective action efforts, including the organizations involved, positions of responsible persons of other entities involved, and a description of the role played by the site shall be identified.	NO		---	
	3.9.13 Advanced Indicator Evidence of the quantified improvement that has resulted from the collective action relative to a site-selected baseline date shall be identified and evidence from an appropriate range of stakeholders linked to the collective action	NO		---	

	(including both those implementing the action and those affected by the action) that the site is materially and positively contributing to the achievement of the collective action shall be identified.				
STEP 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 Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.	YES		A number of meetings are held for evaluation of the status of KPI, the progress of the projects, the deviations from the targets, etc. ○ Weekly meetings in plant level ▪ WOR, November 2021 ○ Monthly meetings in plant level ▪ MOR October 2021 ▪ RCA in case of deviations from the target e.g. in October 2021 (possible causes, estimation of losses and impact to WUR, corrective actions, responsible persons, timeframe) ○ Workshop for water saving on 24-26 November 2020 ▪ Water saving actions: WUR improvement (area, actions, responsible persons, timeframe, priority, status)	
	4.1.2 Value creation resulting from the water stewardship plan shall be evaluated.	YES		See indicators 1.3.7 and 4.1.1.	
	4.1.3 The shared value benefits in the catchment shall be identified and where applicable, quantified.	YES		As part of the company's Mission 2025, the plant has committed to reducing water use by 20% in plants located in water risk areas vs. the baseline of 2017 and to helping secure water availability for communities in those areas. See also indicator 1.3.7.	
	4.1.4 Advanced Indicator A governance or executive-level review, including discussion of shared water challenges, water risks, and opportunities, and any water-related cost savings or benefits realized, and any relevant incidents shall be identified.	YES		See indicator 4.1.1.	3
4.2 Evaluate the impacts of water-	4.2.1 A written annual review and (where appropriate) root-cause analysis of the year's	YES		No environmental incidents in 2021.	

related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.	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 Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.	YES	OBS 1121APP03	Active engagement with the stakeholders in national and local level and presentation of water stewardship performance as part of the sustainability achievements. ○ Meeting with the Confindustria on 14 July 2021- positive feedback from the Responsible of Public Relations of the Confindustria See indicators 1.2.1 and 5.3.1	
	4.3.2 Advanced Indicator The site's efforts to address shared water challenges shall be evaluated by stakeholders. This shall include stakeholder reviewing of the site's efforts across all five outcome areas, and their suggestions for continual improvement.	NO	See above.	---	
4.4. Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.	4.4.1 The site's water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations in this step and these changes shall be identified.	YES			
STEP 5 COMMUNICATE & DISCLOSE					
5.1 Disclose water-related internal governance of the site's management, including the positions of those accountable	5.1.1 The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.	YES	OBS 1121APP04	▪ Water management plan for Oricola plant (water governance plan, responsibilities in relation to water management) This document and the CSR report was shared during the meeting with the Confindustria on 14 July 2021.	

for legal compliance with water-related local laws and regulations.				In future events, this document will be communicated to the stakeholders. ▪ CSR report 2020: the implementation of an efficient water management system is mentioned in the report ▪ Communication with PAC (in the webpage) The contact details of the authorised persons for the licenses/ permits of the plant are communicated to the relevant Authorities.	
5.2 Communicate the water stewardship plan with relevant stakeholders.	5.2.1 The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.	YES		See below.	
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 A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.	YES		▪ Commitments 2025 (CCHBC) The integrated CCH CSR report is available at CCH Group website. ▪ Sustainability Report 2020 (2025 commitments, strategy and water policy, materiality matrix, EWS certification, optimization of water usage in production, achievements in water saving and effluent treatment, trend of water consumption since 2010, innovations, etc.) The Sustainability report is published every 2 years. The CSR report 2020 is available at the CC HBC Italia website and has been communicated via email, social media and press: - An abstract of the CSR report with the highlights was shared with key stakeholders. - Video pills for internal and external use. - 700 couvette with ad hoc letters to stakeholders - 1 national press release and 4 local press releases - Internal communication channels and internal contest for engaging the employees - Posts on social media channels	

				After the publication of the CSR report, presentation meetings with fewer stakeholders were organised, in cooperation with the Sustainability and PAC Team, via Teams (see indicator 1.2.1). **Purpose of the meetings**: -Share the results with local stakeholders - Develop a network for CRS initiatives - Collect inputs ○ Participation in national speaking platforms e.g. ECOMONDO, Meeting di Rimini, G20 sustainability summit, etc. --> presentation of company's sustainability strategies According to the permit, no need to send the analysis to Authorities.	
	5.3.2 Advanced Indicator The site's efforts to implement the AWS Standard shall be disclosed in the organization's annual report.	NO		--	
	5.3.3 Advanced Indicator Benefits to the site and stakeholders from implementation of the AWS Standard shall be quantified in the organization's annual report.	NO		---	
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 The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.	YES	OBS 1121APP05	○ Stakeholders' forums ○ Sustainability reports ○ Presentation of sustainability strategies/ commitments in national speaking platforms	
	5.4.2 Efforts made by the site to engage	YES		See indicators 1.2.1 and 2.4.1.	

	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 Any site water-related compliance violations and associated corrections shall be disclosed.	YES		No water-related compliance violations have occurred in the period 2017-2021. No inspections from Authorities in 2020-2021.	
	5.5.2 Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.	YES		There is an efficient mechanism in place for the prevention, mitigation and communication of environmental incidents. See indicator 1.3.1.	
	5.5.3 Any site water-related violation that may pose significant risk and threat to human or ecosystem health shall be immediately communicated to relevant public agencies and disclosed.	YES		See above.	

4. Stakeholder interviews

An announcement was made by LR 30 days before the audit but no request has been submitted to the audit team.
An e-mail has been sent to key, water-related, stakeholders of the plant requesting feedback on its water management system. Positive reply has been received by the representative of the Oricola community with a suggestion for the provision of a well exclusive for the needs of the municipality. Very positive response has been received by the Confindustria L' Aquila. A third response has been received by the Regional Authorities of Abruzzo (not any adverse comment).
Interviews with involved employees were also conducted during the audit (see 'Audit attendees' list, page 5).

5. Conformity Assessment Findings Log – AWS standard

	LIST OF MAJOR NON CONFORMITIES				
Status	**Description of the Finding**	**Proposed corrective action & root cause analysis & timeframe**	**CAP review**	**Reference Number & Date of Issue**	**AWS Indicator**
(NEW, OPEN, CLOSED)					

	LIST OF MINOR NON CONFORMITIES				
Status	**Description of the Finding**	**Proposed corrective action & root cause analysis & timeframe**	**CAP review**	**Reference Number & Date of Issue**	**AWS Indicator**

	LIST OF MINOR NON CONFORMITIES				
Status	**Description of the Finding**	**Proposed corrective action & root cause analysis & timeframe**	**CAP review**	**Reference Number & Date of Issue**	**AWS Indicator**
NEW	1. For the moment stakeholders' water related challenges have only partially been identified (not for all stakeholders) and not fully confirmed by the stakeholders themselves. Also, the plant has focused on the shared water challenges and hasn't gathered sufficient information for the rest of the water challenges that their stakeholders may have. This could be improved through an extensive stakeholder consultation process. 2. Regarding the stakeholders in the national level, who are common for all 4 Italian plants (e.g. consumers, suppliers, trade associations, etc.), there isn't sufficient information about their water challenges.	26/11/2021 *Proposed Corrective Actions:* 1) Local Stakeholders: Review of local stakeholder list, identifying key stakeholders to be involved in 2022. Define scope of stakeholder engagement events, together with Country SUS and PAC, to include also details of stakeholder water challenges (in addition to other inputs of Plant Water Management Plan disclosure, potential joint projects, requesting stakeholder feedback on company's plans and any Water Important Related Areas connected to the stakeholder). Implement engagement actions. Responsible for action: HSE Manager, deadline: 30/09/2022 2) National Stakeholders: include aspects related to the Stakeholder Water Challenges in the object of the stakeholder forum and in the list of survey questions. Responsible for the action: Community & Sustainability Manager (PAC Department), deadline: 30/06/2022 RCA: Due to the difficulties related to the covid pandemic, it was only possible to carry out a few meetings (some of them in remote mode) with a few local stakeholders (e.g. Confindustria, Municipality of Oricola). This made the process of identifying the stakeholders' water challenges difficult. For the stakeholders involved (both local and national) a process of requesting detailed information on their water challenges was not structured.		1121APP01, Nov 2021	1.2.1

	LIST OF OBSERVATIONS				
Status	**Description of the Finding**	**Proposed corrective action & root cause analysis & timeframe**	**CAP review**	**Reference Number & Date of Issue**	**AWS Indicator**
NEW	No data about the embedded water of the chemicals' suppliers. To be noted that the chemical suppliers aren't located in the same catchment.			1121APP01, Nov 2021	1.4.3
NEW	Additional info for the status of the IWRA, through stakeholder engagement, should also be requested.			1121APP02, Nov 2021	1.5.5
NEW	More effort is required for obtaining concrete feedback from company's stakeholders regarding their perspective on the site's water stewardship performance.			1121APP03, Nov 2021	4.3.1/ 4.3.2
NEW	The disclosure of the internal water governance to the stakeholders, or in other words, the presentation of the people (positions) involved in the water management and their responsibilities, could be managed in a more organised and structured way (e.g. during the annual forums, etc).			1121APP04, Nov 2021	5.1.1
NEW	The company should disclose information about its shared water challenges and efforts for addressing them in a more structured way.			1121APP05, Nov 2021	5.4.1

6. Next visit details

Visit type	SV1				
Audit days	2	**Due date**	11/2022	**Visit start / end dates**	TBD
Locations	Località Immagine, Oricola - AQ 67063, Italy				
Team	TBD				
Remarks and instructions					

7. Audit Programme/Plan

Visit Type	IA		SV1		Sv2			CR
Due Date								
Start Date								
End Date								
Audit Days								
Any changes that may impact visit duration (if yes add new number)	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Process / aspect / location ***Final selection will be determined after review of management elements and actual performance***								
Site visit								
Sample of source water locations visit								
Sample of water discharge locations visit								
Stakeholder interviews								
STEP 1								
STEP 2								
STEP 3								
STEP 4								
STEP 5								

Visit start time (approximate)	09:30	Visit end time (approximate)	16:00	The exact start and finish times for the visit will be agreed at the pre-visit contact with the assessor and recorded in the report introduction.

See attached agenda.

8. Certificate details

CERTIFICATE No.: …….
AWS REFERENCE No.: AWS-000401

GOLD AWS LOGO TO BE INSERTED HERE

Issued to

Coca-Cola HBC Italia S.r.l.
Oricola plant: Localita Immagine, Oricola-AQ 37063, Italy

Standard

Alliance for Water Stewardship Standard Version 2.0/ 22.03.2019

Date of certification: 22/12/2021 (TR date)

This certificate covers the following processing unit which meets the criteria of the Alliance for Water Stewardship Standard:

Certificate scope	Catchment & Industry sector	Process
Single site	Turano river catchment/ food sector	Bottling of non-alcoholic beverages

This certificate remains property of HELLENIC LLOYD'S S.A. and can be withdrawn in case of terminations as mentioned in the client contract, or in case changes or deviations of the above mentioned data occur. The client is obliged to inform HELLENIC LLOYD'S S.A. immediately of any changes in the above mentioned data. Only an original and signed certificate is valid. HELLENIC LLOYD'S S.A. declares to have inspected the processing unit of the above-mentioned client, and have found them in accordance with the standards mentioned above.
The AWS Gold Certification Level demonstrates that the operator complies with all core indicators and additional points have been awarded for performance against the advanced criteria (AWS Gold: 40 or more points).
This certificate is in force until further notice, provided that the above-mentioned client continues meeting the conditions as laid down in the client contract with HELLENIC LLOYD'S S.A. Based on the annual inspections that HELLENIC LLOYD'S S.A. performs, this certificate is updated and kept in force. This certificate cannot be used as a guarantee certificate for delivered products.

Expires on: 12/2024
Period of validity: 3 years
Issued by: HELLENIC LLOYD'S S.A.

Place and date of issue: 22/12/2021 [TR date]

9. Report explanation

LR Findings Log definitions and information

Definitions of Grade Findings

Observations are defined as an area of concern regarding a process, document, or activity where there is opportunity for improvement.

Major non-conformity is raised if the issue represents a systematic problem of substantial consequence; the issue is a known and recurring problem that the client has failed to resolve; the issue fundamentally undermines the intent of the AWS Standard; or the nature of the problem may jeopardize the credibility of AWS.
Applicants must close major NCR within Ninety (90) days of the NCR issue date. Failure to meet this deadline will require another conformity assessment (check note 1)
Certificate Holders must close* major NCR within Thirty (30) days of the NCR issue date. If the Major NCR is not addressed within 30 days LR shall suspend or withdraw the certificate and reinstatement shall not occur before another conformity assessment has been successfully completed.

Minor non-conformity: Where the audit team has evaluated an audit finding and determines that the seriousness of the issue does not meet the any of the criteria for Major non-compliance the audit team shall grade the finding as a minor non-conformity.
Applicants must submit an acceptable corrective action plan (check note2) to address all minor non-conformities to be recommended for certification.
Certificate Holders must close minor NCR within Ninety (90) days of the NCR issue date. LR may agree to an alternative time frame with the client as long as this can be justified and is documented in the NCR report. If corrective actions are inadequate to resolve a minor non-conformity by the time of the next scheduled audit, LR shall upgrade the audit finding to a major non- conformity.If an unusually large number of minor non-conformities are detected during the course of a single audit, the audit team may at their discretion raise a major non-conformity to reflect a systematic failure of the client's management system to deliver conformity with the AWS Standard.

NOTE 1 - closed = actioned by the client, corrections & corrective actions verified and closed by the auditor.
NOTE 2 - The corrective action plan shall include an analysis of the root cause of the minor non-conformity; the specific corrective action(s) to address the minor non-conformity; and an appropriate time frame to implement corrective action(s).

Additional information

Confidentiality
We will treat the contents of this report, together with any notes made during the visit, in the strictest confidence and will not disclose them to any third party without written client consent, except as required by the accreditation authorities.

Sampling
The assessment process relies on taking a sample of the activities of the business. This is not statistically based but uses representative examples. Not all of the detailed nature of a business may be sampled so, if no issues are raised in a particular process, it does not necessarily mean that there are no issues, and if issues are raised, it does not necessarily mean that these are the only issues.

Terms and conditions
*Please note that, as detailed in the Terms and Conditions clause of the contract **(insert appropriate clause number here),** clients have an obligation to advise LR of any breach of legal, regulatory, or statutory requirements and any pending prosecution. Although proportionality and scale of the situation should be considered, you are required to advise LR of any serious potential risks to our certification but*

not, for example, isolated cases of a minor nature.

"The Client is required to inform LR as soon as it becomes aware of any breach or pending prosecutions for the breach of any regulatory requirements relevant to the Certified Management System. LR will review the details of any breaches brought to its attention and may elect to perform additional verification activities chargeable to the client to ensure compliance with specified requirements. LR reserves the right to suspend or withdraw certificates of approval / verification statements and opinions for both failure to inform LR and the appropriate regulator of such breaches".