

AWS Conformity Assessment

Report for:

COCA COLA HBC Italia-Nogara plant

LR reference:	PIR6028479/ 4786900
AWS reference number:	AWS-000400
Assessment dates:	1-3/12/2021
Assessment location:	Via Molino di Sopra n° 66, Nogara 37054, 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

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Attachments

This report was prepared by:		This report was presented to and accepted by:	
Name:	Artemis Papadopoulou	Name:	Matteo Zago
Job title:	AWS Lead Auditor	Job title:	Quality Assurance Specialist

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 (42 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:

Matteo Zago, Quality Assurance Specialist

AWS responsible person contact details:

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

CCH Nogara 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 were visited during past assessments.

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

Description of the catchment:



The area of the production site is located in the southern sector of the Verona plain, a part of the Po Valley between the Mincio River and the Adige River, respectively west and east, and the Po River to the south, at about 30 km from Verona and Mantova, and about 1000 km from Bologna. The altitude is modest, oscillating around 22 to 23 meters above sea level; natural hydrography in the immediate vicinity is represented by the Tartaro River, which, in the stretch of relevance, flows directly from the northwest to the southeast at about thirty meters from the perimeter with course mostly straight.

The CCHBC plant in Nogara is located within a huge area of quaternary (Pleistocene) sands and marls in which several groundwater bodies have been developed. According to the study of Fuganti A. (2009), the area between Verona and Nogara is composed by a thick layer of holocenic deposits from 300 to 400 meters related to the depositional activities of the main alpine rivers between the late Pleistocene and Holocene. The rivers in the perialpine sector have deposited mainly gravel and with increasing distance from the mountains, finer deposits such as sand, silt, clay and peat.

The different groundwater bodies are separated by thick clay and marly layers, respectively. A comprehensive map of the recharge areas for the wells and a map showing the general groundwater flow direction is available. Reportedly a large number of groundwater users exist (privately and industrial) in the area of the plant. However, the authorities strictly control the extractions of groundwater since a municipal water supply is not common.

Summary of shared water challenges:

- ✓ Preservation of the good water quality and the availability of water
- ✓ Efficient treatment of wastewater according to legal requirements
- ✓ Transparent communication on sustainability strategy both internally and externally
- ✓ Sensibilization and education of stakeholders on responsible water use / waste collection
- ✓ Water protection through policies and activities to reduce the pollution in seas and rivers

General information about the site's operations:

-In 1975 the plant started its production with one can line, followed in 1978 by the second can line. The production of PET lines started in 1996 due to the introduction of blowers. Also, the production of BIB, glass and drum lines started in 1996. In the course of the "Aragon project" in 2005, a new aseptic line and a speed PET line were introduced. In 2010, the CHP-Combined Heat and Power generation was built. In 2014 the new PET High-speed line was introduced (water-free line). In 2016, introduction of the new format of the PET line. In 2019, a new COMBI Dry Aseptic line has been installed. This is a new, state of the art, technology and the plant of Nogara is the first in the Coca-Cola world that will acquire such an equipment. In 2020, a new HS Glass line was installed. In 2021, introduction of 100% rPET and of cans without plastic (keel clip packaging).

-The plant has 10 lines (2 Cans Lines, 3 PET Lines, 2 APET Line, 1 Glass Line, 1 BIB, 1 Drums Line) and produces six types of soft drinks (Coca-Cola, Fanta, Sprite, Fuse tea, Powerade, Kinley)- 10 brands and 25 package sizes

-Number of employees: 436 (shift pattern: 5/7 or 6/7 in low season, 7/7 in high season)

-River basin: Fissero Tartaro Canabianco

-Annual water abstraction: 1149722 m³ (2018)

-The water is extracted by 5 private wells, which are located at the perimeter of the plant (wells visited in 2015: 5 and 7, wells visited in 2016: 4, 6, 8)

-No municipal water supplier

The wastewater is treated in the plant's WWTP and is discharged (combined with storm water) at the river Tartaro.

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 Environment Manager	CCHBCI
Giulia Colombo	Community & Sustainability Manager (PAC Department)	CCHBCI
Brunella Cuomo	New Country Environmental Manager	CCHBCI
Dario Soriano	Plant Manager	CCHBCI-Nogara Plant
Matteo Zago	Quality Assurance Specialist	CCHBCI-Nogara Plant
Marina Castiglioni	HSE Manager	CCHBCI-Nogara Plant
Alessio Bertuccio	HSE Specialist	CCHBCI-Nogara Plant
Paolo Cortese	Utilities Supervisor	CCHBCI-Nogara Plant
Dana Muresan	QA Manager	CCHBCI-Nogara Plant
Gianfranco Gardenghi	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.	<p>1.1.1 The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:</p> <ul style="list-style-type: none"> - Site boundaries; - Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; - Any 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		<ul style="list-style-type: none"> ▪ AWS December 2021 presentation (map with the wells, schematic map of the water pipelines, technical characteristics of the pipelines and the wells, etc.) <p>5 wells, all located within the perimeter, conventionally called well 4, 5, 6, 7 and 8 (the last one was used for limited periods, when abnormalities / failures in one of the other wells occurred. However, after the completion of its validation, it has been included in the new permit, so as to be used in a daily basis). The wells are in the second aquifer, naturally protected from pollution.</p> <p>All wells are equipped with a <i>Memograph</i> device for the continuous monitoring of the volume of water collected, the decline of water levels during pumping and some physical and physical-chemical parameters (conductibility, temperature)-no problems have been identified in relation to overexploitation of the wells</p> <p>The water from the wells is mixed in the Raw tank and then is treated for production and other purposes.</p> <p>98% of the abstracted water is used in production, 1.6% is used for sanitary purposes and 0.4% is used in the fire station.</p> <ul style="list-style-type: none"> ▪ Att-35 drainage map (rainwater, process and sanitary wastewater drainage system)-last update: July 2020 ▪ Sanitary and process wastewater→ WWTP of the 	

				<p>plant</p> <p>The destination of the effluent is river Tartaro.</p> <p>The destination of the rainwater is the municipal collector system.</p> <p>Catchment area: Basin of Fissero, Tartaro and Canal Bianco river</p>	
<p>1.2 Understand relevant stakeholders, their waterrelated challenges, and the site's ability to influence beyond its boundaries.</p>	<p>1.2.1 Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:</p> <ul style="list-style-type: none"> - Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people; - Consider the physical scope identified, including stakeholders, representative of the site's ultimate 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 1221APP01	<ul style="list-style-type: none"> ○ 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 with local stakeholders 2021 ((stakeholders, water challenges, common water challenges, actions, current and future degree of engagement) <p>Stakeholders: Associations, Consortium, schools, Region of Veneto, Civil protection, Province of Verona, municipalities, Technical Department of Province, ARPAV, Local Authorities, CAN supplier, Confindustria of Verona, geologist</p> <ul style="list-style-type: none"> ▪ List with national Stakeholders 2021 ((employees, media, NGO, trade associations, politicians, Academic/ Institutions, Consortium, customers) <p>Source of info from website e.g. for Veneto Environmental Agency, Province of Verona</p> <ul style="list-style-type: none"> ○ Attendance of the Plant Manager to a meeting with local institutions (Member of Veneto Council, Nogara Mayor, local media and local companies) on 13.10.2021 ○ Meetings with the Veronese Land Reclamation consortium and the Confindustria Verona. 	

				<ul style="list-style-type: none"> MoM from the meeting with Confindustria Verona, 15.7.2021 (presentation of sustainability mission and targets, water stewardship system, future projects, etc.)-positive feedback especially in relation to the water monitoring MoM from the meeting of Plant Manager, QSE Manager and PAC with Veronese Land Reclamation consortium, 20.9.2021 (presentation of sustainability mission and targets, water stewardship system, future projects, etc., initiatives/projects of the Consortium, water challenges e.g. the extension of the Tartaro river banks for flood protection purposes. Future joint project: enhancement of the awareness of citizens in water-related topics) 	
	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		<ul style="list-style-type: none"> IMCR Manual, Risk Assessment & Mitigation plan (Natural disaster, deliberate product contamination, Accidental product contamination) <p>The manual is validated by CCH Group and TCCC, last validation on 19.10.2021</p> <p>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).</p> <ul style="list-style-type: none"> PEI Nogara – 2021 N-01.pdf” Rev. 30.05.2021 Plan of Emergency and evacuation (leakages, explosions, earthquake, flooding) Instructions, emergency telephones. IO 10 “Piano sversamenti accidentali” Rev. 01 15.03.2021- Operative instruction relating to emergency response to accidental leakage.. 	

				<ul style="list-style-type: none"> ▪ "Mappatura-kit-antisversamento-20052021.pdf" Map including all the leakage emergency kit in the site, Rev. 0 20.05.2021. <p>The company carries out training for the workers involved in emergency operations (e.g. training by Solve Consulting on 5.03.2021)</p> <p>The emergency preparedness is inspected during the annual drills. Last chemical leakage/spill training/ drill was performed on the 5th of March 2021.</p>	
	1.3.2 Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped	YES		<ul style="list-style-type: none"> ▪ MD-01 2020.xls Monthly consumption of water (total abstracted, discharged, water used in production, monthly produced quantities, water consumed in production, water to CHP, total water abstracted per month, monthly WUR) <p>The quality of the effluent water meets legal and KORE parameters. A part of the effluent is re-used for the cleaning of the sedimentation tank (klein machine).</p> <ul style="list-style-type: none"> ▪ Water map water balance 2020 (incoming water, water to CHP, technological water for utilities, production, total discharged water, recovered water ▪ [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		<p>There aren't any water stress periods.</p> <p>See above.</p>	
	1.3.4 Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water	YES		<ul style="list-style-type: none"> ▪ Analysis of well water by Lifeanalytics S.r.l. (wells no 4) Report 21LC02017 issued on 3.05.2021 (chemical, organoleptic, PFAs and microbiological parameters) 	

	<p>quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.</p>		<ul style="list-style-type: none"> ▪ Analysis of well water by Lifeanalytics S.r.l. (wells no 5) Report 21LC02016 issued on 3.05.2021 (chemical, organoleptic, PFAs and microbiological parameters) ▪ Analysis of well water by Lifeanalytics S.r.l. (wells no 6) Report 21LC02015 issued on 3.05.2021 (chemical, organoleptic, PFAs and microbiological parameters) ▪ Analysis of well water by Lifeanalytics S.r.l. (wells no 8) Report 21LC02018 issued on 3.05.2021 (chemical, organoleptic, PFAs and microbiological parameters) ▪ Once per year analysis by ARPAV lab for the mixed water, Test report 809318 Rev. 0 5.07.2021 (chemical, organoleptic and microbiological parameters, PFAS) ▪ Annual analysis of mixed water from all 5 wells by Lifeanalytics S.r.l. Report 21LC02019 issued on 29.04.2021 (chemical, organoleptic and microbiological parameters, inorganic compounds, synthetic organic compounds, VOC, phenols, DBP, haloforms, pesticides) ▪ Annual analysis by Fresenius lab (mixed water from all 5 wells) Test report 5040388, 12.11.2020 (chemical, organoleptic and microbiological parameters, inorganic compounds, synthetic organic compounds, VOC, phenols, DBP, haloforms, pesticides) ▪ Analysis by Lifeanalytics S.r.l. on discharged water (4 times per year), Test Report 21LC03589, 15.10.2021 <p>Analysis parameters: TN, Surfactants, TSS, TDS, Temperature, pH, COD, BOD, free chlorine, Cyanides, Sulphates, TP, Chlorine, Oil & grease, Ammonium, Nitrates, Nitrites, Total hydrocarbons, metals, aromatic organic solvents, nitrogen organic solvents and chlorine organic solvents, pesticides, fecal coliforms, etc.</p> <p>Since the beginning of 2020, only COD and pH is</p>	
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				<p>monitored internally (1-3 times per week). An internal excel file contains the analysis results (e.g. "COD Maggio 2021.xlsx")</p> <ul style="list-style-type: none"> ▪ Analysis of rainwater, twice per year according to legal requirements. Test Report Lifeanalytics 21LC00578, 6.02.2021. Parameters checked: pH, COD, TSS, HC, Mn, As ▪ Analysis of rainwater, Test Report Lifeanalytics 21LC00583 6.02.2021. Parameter checked: PFAS (extra parameter-the plant isn't obliged to monitor it) <p>See also indicator 1.5.4.</p>	
	1.3.5 Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site	YES		<ul style="list-style-type: none"> ▪ "CCHBC Nogara – Planimetria aree a rischio del 2020 09 22-Layout1.pdf" Site map including storage areas of chemicals (identification of high-risk areas, determination of type and final destination of potentially polluting substances) ▪ "Piano di controllo e prevenzione rischi" Rev. 08 1.10.2019 document with the identification of all the high risk area and the protection measures adopted.. ▪ "211111_Inv Chem.xlsx" Monthly updated list with the chemicals used in the plant ▪ "Elenco prodotti chimici.xls" Rev. 6.05.2021 List of substances used in plant with environmental hazard statements (substance, H-phrase, potential pollution, components, quantity used, main pollutants). ▪ "ElencoAgentiChimici 14092020.pdf" list from "Risolvo" portal (chemicals, commercial title, revision date, MSDS, H phrases, annual quantity used, location). Rev. 14/9/2020 <p>Secondary containments for the storage of the chemicals stored outside-potential leakage will be contained in them.</p>	
	1.3.6 On-site Important Water-Related Areas shall be identified and mapped, including a description	YES		No on-site IWRA.	

	of their status including Indigenous cultural values.				
	1.3.7 Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.	YES		<ul style="list-style-type: none"> Energy and Water projects 2020 (project description, CAPEX/OPEX, impact to water/ energy, targeted completion date, status, costs estimation, water/ energy savings)-recovery of water from PET5 rinser with estimated water saving: 16000 m³ (completed in 2020), replacement of the water rinser in CAN2 with an air rinser with estimated water saving: 80000 m³/ y, (postponed for 2022), improvement of the water monitoring system Proposal energy and water saving CAPEX 2021: replacement of the water rinser in CAN1 with an air rinser (completed), recovery of the last rinsing water in the bottle washer and reuse it in the Co-generation plant (it goes to the raw Water instead). CAPEX 2020: recovery of water from rinser PET L5 CAPEX 2021: Recovery of water from SF and CF OPEX 2021: Optimization of CIP [REDACTED] 	
	1.3.8 Levels of access and adequacy of WASH at the site shall be identified.	YES		<ul style="list-style-type: none"> Operational instruction for GMP inspection, IO-05 (map with the showers, toilets for men/ women, washing areas, canteen, etc.) <p>Bottled water is provided to the employees, contractors and visitors. The tap water is also potable.</p> <ul style="list-style-type: none"> Law no 31-2001 about the water for human consumption 	
1.4 Gather data on the site's indirect water use, including: its primary inputs; the water use embedded in the production of those	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		<ul style="list-style-type: none"> Group Annual environmental report 2020/ Ingredients Water footprint (CO₂, packaging): embedded water of the primary inputs taking into consideration bibliographical data Water footprint for CCHBCI (info about certifications, 	

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.				location, water metric, source of water, monitoring of water consumption and targets, action for water 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.) <ul style="list-style-type: none"> Map with the location of CCH Nogara plant suppliers Questionnaire has been sent to all suppliers (including chemical's suppliers)- 50% of them have answered (in country level) No suppliers/ water service providers in the catchment.	
	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		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 1221APP01	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		<ul style="list-style-type: none"> River basin management plan of Eastern Alpes for the basin of Fissero, Tartaro and Canal Bianco river, 2006 (action plan for improvement of quantity and quality of water and wastewater, flood control plan, best practices for surface and underground water e.g. recovery of storm water, limitation of water abstraction from private wells for domestic use, review of all existing water permits and assessment of legal compliance, reduction of water losses in the pipeline network, etc. A.T.O.Veronese document (management of water for human consumption and wastewater) Flood risk management plan by the Regional Authority of Eastern Alpes, March 2016 	
	1.5.2 Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.	YES		<ul style="list-style-type: none"> A new permit has been issued (Decree 189 19.04.2021 and rep. 883 19.04.2021) from Genio Civile di Verona, which covers all 5 wells (P4, P5, 	

				<p>P6, P7, P8). In the new permit, the total annual abstraction is 1.513.728 cubic meters per year, (Q medium: 48 l/s) but the overall allowed abstracted volume is the same, in comparison to existing permits (Q max: 75 l/s). New permit is valid till 31.12.2035 (15 years validity)</p> <ul style="list-style-type: none"> ▪ "Determinazione 128/2019" issued on 14.01.2019 from Province of Verona according to art. 208 Legislative Decree 152/2006 and relating to water discharge and waste water treatment plant. This authorization is valid for 5 years, up to 9.01.2024 (total effluent quantity: 450.000 m³/y for industrial water). ▪ A hydro-geological study has been developed for the determination of the "Protected areas" (17/2/2018). 3 zones of protection (zone of total protection, zone of isochrones 60 days, zone of isochrones 180 days), centre of pollution risk ▪ Docunicoacqua_Idrogeol_20210731_BOZZA.pdf" study of the water resource around the Nogara site issued on 31.07.2021 from dott. Gianfranco Gardenghi 	
	1.5.3 The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	YES		<ul style="list-style-type: none"> ▪ River Basin abstract, November 2021 (map with the Rivers in the catchment, info about the aquifers, hydrological balance of the basin regarding surface and underground water, capacity of 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		<ul style="list-style-type: none"> ▪ River Basin abstract, November 2021 (map with the Rivers in the catchment, info about the ecological status of the rivers Tartaro, Fissero, Canalbiano, quality of the groundwater) <p>Ground water pollution: nitrogen compounds from agricultural activities, organic solvents from industries and chlorine residues from the disinfection of water from the private wells of the inhabitants.</p> <ul style="list-style-type: none"> ▪ ARPAV Veneto website (for year 2020): level of pollution for surface water (in overall the quality 	

				<p>status is good)-metals, organic compounds, nitrates, pesticides</p> <ul style="list-style-type: none"> ARPAV Veneto website: Chemical quality of underground water (pfas, nitrates, pesticides, inorganic, metals, VOC (2020 data) 	
	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 1221APP02	<ul style="list-style-type: none"> Water related areas in the basin of Fissero-Tartato-Canalbiano Basin (area, location, protection goals, parameters to control, TEEB classification, code of conservation-status of the habitats in the IWRA, vulnerability Environmental report about Parco Delta del Po (biological status, status of swimming water: good, physicochemical analysis of water, map with WWTP in the area) 	
	1.5.6 Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.	YES		<ul style="list-style-type: none"> ATO Veronese website (plan 2020-2023)-projects for maintenance of the sewage system in Nogara, extension of water supply network in Nogara, extension of water supply network in the nearby municipality Terrazzo, etc. Flood risk management plan by the Regional Authority of Eastern Alps, March 2016 <p>No flooding issues in Nogara.</p>	
	1.5.7 The adequacy of available WASH services within the catchment shall be identified.	YES		<ul style="list-style-type: none"> ISTAT report (December 2020)- 243 lt of available water per day per capita, 40 municipalities in Italy without WWTP, 99.5% of population having access to the municipal sewage system A.T.O.Veronese document (management of water for human consumption and wastewater) Aqueduct Atlas map for Nogara (water risk areas, water stress areas, flood risk, quality risks, risk for no drinking water/sanitation: low) 	
	1.5.8 Advanced Indicator Efforts by the site to support and undertake	NO		---	

	catchment level water-related data collection shall be identified.				
	1.5.9 Advanced Indicator The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified.	YES		<ul style="list-style-type: none"> ▪ Aqueduct Atlas (info about the availability of potable water/ sanitation in the countries where suppliers are located) 	4
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		<p>Identified shared challenges (see also indicator 1.2.1):</p> <ul style="list-style-type: none"> ✓ Preservation of the good water quality and the availability of water ✓ Efficient treatment of wastewater according to legal requirements ✓ Transparent communication on sustainability strategy both internally and externally ✓ Sensibilization and education of stakeholders on responsible water use / waste collection ✓ Water protection 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		<ul style="list-style-type: none"> ▪ Register of environmental aspects (30.4.2021)- social impacts from the abstraction of water and the discharge of effluent ▪ Socio-economic report, <i>Italiana di fatto</i>, 2021 	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		<ul style="list-style-type: none"> ▪ Environmental Impact Assessment (July 2021) by Dot. Gianfranco Gardenghi (geologist)-evaluation of the risk from abstraction and discharge are included-taking into account the best practices of the plant-impacts to soil, ground water and surface water, flora and fauna and social ▪ Register of environmental aspects (30.4.2021)-description of activity, impact, evaluation of impacts, control measures) ▪ Assessment by the Regional Authorities of Veneto 	

				<p>(abstraction and environmental impact of CCHBC is considered low), March 2021</p> <ul style="list-style-type: none"> ▪ SVA_SWPP Nogara (September 2017)-future risks have been identified and evaluated, mitigation actions have been planned ▪ Coaxial matrix of assessment of expected impacts (negligible environmental impacts from abstraction and discharge)-31.7.2021 ▪ Risk register <p>Protective measures for the aquifer (static and dynamic) are in place through the hydro-geological survey (via the memograph): it subjects the Company, on a voluntary basis, to complex assessments and actions that are required for a management body aqueduct</p> <p>Each well is supplied with an inverter; an upper limit has been set, so as to ensure that no violation of the abstraction rate takes place.</p> <p>The risk of exploitation is low (capacity of the aquifer is sufficient).</p>	
	1.7.2 Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.	YES		<ul style="list-style-type: none"> ▪ Risk register ▪ 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		<ul style="list-style-type: none"> ○ Every Monday, from 7th of October till the 14th of November, a <i>Win Together Day</i> takes place for all employees (5 sessions-presentation of BEE, projects in 2019, near losses program, EUR and WUR and 2025 targets, rewarding of best practices, etc.). In 2020-2021, the <i>Win Together Day</i> was postponed due to COVID-19. ○ BEE champion training (1/11/2021) ○ Group water management training in 2021 (HSE Manager, Utilities Supervisor, QA Specialist, Maintenance & Spare Parts Manager/ Water 	

				<p>Champion)</p> <ul style="list-style-type: none"> o Group environmental management training in 2021 (Utilities Supervisor, QA Specialist, Maintenance & Spare Parts Manager/ Water Champion) o ToolBox talks/ e.g. for near losses on 12.10.2021 for production operators o Near losses program (all employees are encouraged to report near losses) o 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 o Guided tours for students of primary schools 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 Thursday in the period from October to November and April to May. In 2017, 700 students visited the plant. The activity stopped in 2018. o In January and February 2019, visits from the commercial team with customers and from 2 Universities. o Family day on 8.9.2018 (visit of the plant by the families and friends of the employees, the authorities, people from the community and the public sector, etc. -presentation about water recovery and saving practices, etc. o Family day on 7.9.2019 (see indicator 3.3.2) o Water day on 22rd of March 2019 (presentations in the TV screens of the plant) o Environmental day on 5th of June 2019 <p>In 2020-2021, due to COVID-19 situation, the activities have been stopped.</p>	
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				<ul style="list-style-type: none"> ▪ Billboards with water and energy ratio, successful practices/ Quick Wins, near losses progress, BEEvolution 2025, etc. ▪ Intranet News ▪ 'Our commitments' are communicated to the employees via the intranet 	
	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		<ul style="list-style-type: none"> ▪ List of BMP in relation to water reduction/ re-use ▪ We Know Database/ SP (description, starting point, impact to QSE/ people/ customer service, cost, timelines, risk assessment, KBI, benefits, key learning & watch out) ▪ Sustainability Database 2020/ Best practices 2020 ▪ Successful practice: re-use of water from the WT instruments ▪ Theseus Database/ Report/near losses-description, primary cause, responsible, area, corrective actions, status, person who reported ▪ SKYDOXX Library/ Leading Indicators and near losses ▪ Top 10 water saving initiatives <p>-All lines (apart from RGB) use dry lubrication. -The 2 biggest PET lines are water-free. -Recirculation of the water in the CAN lines -Installation of a new mixer and labeller glass line (new technology-less water is used in the mixer) -In 2019, installation of air-rinsing at one of the Can lines (water-free) -Installation of a water-free ASEPTIC line in 2019</p> <p><u>Water is recovered from:</u></p> <p>-The WT's instruments. The water returns to the raw water tank. - Water condensate recovery in Tekmi 1,2 (closed loops)</p>	

				<p>-Reuse of the water from the rinsers at the PET5. The water is directed to the Raw water tank.</p> <p>-Water condensate recovery in syrup room and line 9. The water is reused in the Boiler.</p> <p>Also, a quantity of the wastewater is used for the washing of Klein machine.</p> <p><u>Current/ Future projects:</u></p> <p>-Reuse of the water in the CIP (the water from the last step of the CIP will return at the 1st step). Currently postponed.</p> <p>-Start up of the CF and SF backwash system-the water will be directed to a buffer tank and then it will pass from filters, UV lamp, CF and polisher filter, UV system and will end up at the Raw tank → the recovery of the water from the backwash of the SH has started (estimated water saving: 12500 m³/ y. The project for the CF is in validation phase.</p> <p>Recovery of the water from the PET L5 rinser. The project is on-going (est. water saving: 13000 m³/ y)</p> <p>See also indicator 1.3.7.</p>	
	1.8.3 Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.	YES		<ul style="list-style-type: none"> ▪ Operation and maintenance of WWTP, IO 03 ▪ Critical to quality maintenance matrix ▪ Ice pigging of the wells 5,6,7 by SUEZ Water Technologies & Solutions, 22/11/2021 ▪ Water treatment procedure (parameters checked, frequency, etc.) <p>Best practices for water quality according to KORE, CCH and legal requirements.</p>	
	1.8.4 Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.	YES		<ul style="list-style-type: none"> ▪ River basin management plan of Eastern Alps for the basin of Fissero, Tartaro and Canal Bianco river, 2006 (best practices for the maintenance of IWRA) ▪ Parco Naturale Regional Veneto del Delta del Po (projects for the area) 	

	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 office, sign and publicly disclose a commitment to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and the allocation of required resources.	2.1.1 A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments: - That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes - That the site implementation will be aligned to and in support of existing catchment sustainability plans - That the site's stakeholders will be engaged in an open and transparent way - That the site will allocate resources to implement the Standard.	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.	
	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		<ul style="list-style-type: none"> AH3 "Procedura registrazione aggiornamenti legislativi" Rev. 01 11.11.20212. Site procedure describing the process for maintaining compliance obligations. <p>The Site HSE Manager is responsible for the procedure. The Plant Manager is responsible for the submissions to regulatory agencies.</p> <ul style="list-style-type: none"> PM 6.1.3 "Gestione degli obblighi di conformità HSE" 	

				<p>Rev. , Management of HSE conformity, Rev. 05 1/8/2019. Corporate procedure describing the process to maintain compliance obligations</p> <ul style="list-style-type: none"> IM 6.1.3-1 "Modalità di gestione adempimenti legislativi HSE nazionali" rev. 1 1.08.2019 <p>Monthly, the site receives a newsletter from Solve Consulting S.r.l. regarding new legislative issues (the last one was received on 17.11.2021)</p> <p>The evaluation of legal compliance is conducted once per year by the external consultant Solve Consulting (the last one was conducted on 25-26.05.2021).</p> <ul style="list-style-type: none"> Risolve portal/ list of applicable legislation (description, type of aspect, adoption time, priority, actions required for the legal compliance, status, deadline)-last update on 2.12.2021. 	
<p>2.3 Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.</p>	<p>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.</p>	YES		<ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> World without waste strategy 2025 commitments Water reduction & stewardship CCHBCI sustainability policy (published in intranet and website, 1.7.2021) 	
	<p>2.3.2 A water stewardship plan shall be identified, including for each target:</p> <ul style="list-style-type: none"> - How it will be measured and monitored - Actions to achieve and maintain (or exceed) it 	YES		<ul style="list-style-type: none"> MD 01 2020 MD 01 2021 	

	<ul style="list-style-type: none"> - 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. 			<p>WUR 2016: 1,72 lt/ lt with respective target: 1,70 lt/ lt</p> <p>WUR 2017: 1.68 lt/ lt with respective target: 1.66 lt/ lt</p> <p>WUR 2018: 1.61 lt/ lt with respective target: 1.64 lt/ lt</p> <p>WUR 2019: 1.56 lt/ lt with respective target: 1.56 lt/ lt</p> <p>WUR 2020: 1.56 lt/ lt with respective target: 1.54 lt/ lt</p> <p>WUR YTD2021: 1.56 lt/ lt with annual target: 1.58 lt/ lt</p> <p>(See also indicators 1.3.7, 2.3.1 and 4.1.1.</p>	
	<p>2.3.3 Advanced Indicator</p> <p>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.</p>	NO		---	
	<p>2.3.4 Advanced Indicator</p> <p>The site's partnership/water stewardship activities with other sites in another catchment(s) (either under same corporate structure or with another corporate site) shall be identified.</p>	YES		<ul style="list-style-type: none"> o Collaboration with other CCH Italian plants in the framework of the water saving workshops (9-11 of November 2020 in Nogara) 	4
	<p>2.3.5 Advanced Indicator</p> <p>Stakeholder consensus shall be sought on the site's water stewardship plan. Consensus should be achieved on at least one target. A list of targets that have consensus and in which stakeholders are involved shall be identified.</p>				
2.4 Demonstrate the site's responsiveness and resilience to respond to water risks	<p>2.4.1</p> <p>A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.</p>	YES		<ul style="list-style-type: none"> o Meeting with the Land Reclamation Consortium of Verona on 20.9.2021 (planning of joint action in the banks of Tartaro river with objective the enhancement of the environmental awareness of the citizens) 	
	<p>2.4.2 Advanced Indicator</p> <p>A plan to mitigate or adapt to water risks associated with climate change projections developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.</p>	NO		---	
STEP 3 IMPLEMENT					
3.1 Implement plan to participate positively in	<p>3.1.1 Evidence that the site has supported good catchment governance shall be identified.</p>	YES		Central activities for water governance (in a national and local level):	

catchment governance.				<ul style="list-style-type: none"> - Annual targets for water minimization - Monthly monitoring - CCH Water reduction plan - CAPEX/ OPEX <p>See also indicators 1.2.1 and 1.8.1.</p>	
	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		Water rights are respected according to legal requirements.	
	3.1.3 Advanced Indicator Evidence of improvements in water governance capacity from a site-selected baseline date shall be identified.	NO		---	
	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		No legal obligation to re-allocate the water.	
	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 and wastewater so there isn't any need for setting any targets more than legal/ KORE requirements. See also indicator 1.3.4.	
	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	3.6.1 Evidence of the site's provision of adequate access to safe drinking water, effective sanitation,	YES		See indicator 1.3.8.	

drinking water, effective sanitation, and protective hygiene (WASH) for all workers at all premises under the site's control.	and protective hygiene (WASH) for all workers onsite shall be identified and where applicable, quantified.				
	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		Water rights are respected according to legal requirements. See indicators 1.3.8.	
	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		<ul style="list-style-type: none"> ▪ Commitments 2025 ▪ Monthly COBRA meeting October 2021 (yields for preforms, CO2, concentrates, sweeteners, cans, NR Glass) 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	YES		<ul style="list-style-type: none"> ▪ Materiality matrix survey 2021 There aren't any suppliers/ service provider in the same catchment.	

	use, shall be identified.			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 challenges related to indirect water use outside the catchment shall be documented and evaluated.	NO		---	
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		<ul style="list-style-type: none"> On the 7th of September 2019, during the Family Day, the inauguration of the restored Luciano Galli park in Nogara took place. The project was in cooperation with the CC Foundation and the PA Department of CCH Italy. 1200 people participated in the event, which included a plant tour, presentations, 	

				<p>awards, etc. Participants: The GM, the CEO, employees of the plant with their families, people from local community, the mayor, police force, etc.</p> <ul style="list-style-type: none"> Meeting with the Land Reclamation Consortium of Verona on 20.9.2021 (planning of joint action in the banks of Tartaro river with objective the enhancement of the environmental awareness of the citizens) 	
	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		Recycled water in 2020: 29353 m ³ Recycled wastewater in 2020: 9000 m ³ 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		<ul style="list-style-type: none"> Stakeholders and sustainability forums WeKnow Database/ SP/QW/LL Toolbox talks/ environmental trainings 	3

				<ul style="list-style-type: none"> Company's website/ intranet Presentation of sustainability strategies/ commitments in national speaking platforms 	
	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 (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.	NO		---	
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. <ul style="list-style-type: none"> Country bi-weekly Inter-plants routines: sharing of issues/ best practices Nogara ENV KPI Action plan 2020-2021 (discussion on projects, KPI, targets, RCA in case of deviances) Monthly CCH Group routines: sharing performance/ issues/ best practices (with the participation of Group Env. Director and the head of Water Resources & Technologies) Env. KPI follow-up for CCHBCI, October 2021 (Group meeting)-Group Environmental Director, Country Environmental Manager, Plant Manager, QSE team, Maintenance Manager) 	

				<ul style="list-style-type: none"> ▪ Env. KPI follow-up for CCHBCI, August 2021 (Group meeting) ▪ Daily EUR_WUR, e.g.20.11.2021 (Participation of the plant Team in the weekly COBRA meetings) ▪ EUR_WUR November Week 47 (discussion of the projects and the WUR status) ▪ EUR-WUR JUNE Week 23 (discussion on the 2 identified losses of water) ▪ Monthly EUR_WUR October final (trend of WUR, water analysis, water balance analysis, BEE meeting results) 	
	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-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.	4.2.1 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.	YES		No environmental incidents in 2021.	
4.3 Evaluate	4.3.1 Consultation efforts with stakeholders on the site's water stewardship performance shall be	YES	OBS	Active engagement with the stakeholders in national	

stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.	identified.		1221APP03	and local level and presentation of water stewardship performance as part of the sustainability achievements. Positive feedback about the plant's water monitoring by the Confindustria of Verona. 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		See indicator 4.1.1.	
STEP 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 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 1221APP04	The Water Champion/ Maintenance & Spare parts Mgr, the HSE Manager and HSE Specialist, the Utility Supervisor, the QA Manager and Specialist are responsible for the water stewardship system implementation (Water team). The HSE Manager and HSE Specialist are responsible for the legal compliance of the plant. ▪ Water management plan for Nogara plant (water governance plan, responsibilities in relation to water management), 26.8.2021 In future events, this document will be communicated to the stakeholders. ▪ CSR report 2020: the implementation of an efficient	

				<p>water management system is mentioned in the report</p> <ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> Commitments 2025 (CCHBC) <p>The integrated CCH CSR report is available at CCH Group website.</p> <ul style="list-style-type: none"> 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.) <p>The Sustainability report is published every 2 years.</p> <p>The CSR report 2020 is available at the CC HBC Italia website and has been communicated via email, social media and press:</p> <ul style="list-style-type: none"> - 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 <p>After the publication of the CSR report, presentation meetings with fewer stakeholders were organised, in cooperation with the Sustainability and PAC Team, via</p>	

				<p>Teams (see indicator 1.2.1).</p> <p>Purpose of the meetings:</p> <ul style="list-style-type: none"> -Share the results with local stakeholders - Develop a network for CRS initiatives - Collect inputs <p>Participation in national speaking platforms e.g. ECOMONDO, Meeting di Rimini, G20 sustainability summit, etc. --> presentation of company's sustainability strategies</p> <p>It's not obligatory to send the reports to the Authorities.</p>	
	<p>5.3.2 Advanced Indicator</p> <p>The site's efforts to implement the AWS Standard shall be disclosed in the organization's annual report.</p>	NO		---	
	<p>5.3.3 Advanced Indicator</p> <p>Benefits to the site and stakeholders from implementation of the AWS Standard shall be quantified in the organization's annual report.</p>	NO		---	
<p>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.</p>	<p>5.4.1 The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.</p>	YES	OBS 1221APP05	<ul style="list-style-type: none"> ○ Stakeholders' forums ○ Sustainability reports ○ Presentation of sustainability strategies/ commitments in national speaking platforms 	
	<p>5.4.2 Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.</p>	YES		See indicators 2.1.1, 2.4.1.	
<p>5.5. Communicate transparency in water-related</p>	<p>5.5.1 Any site water-related compliance violations and associated corrections shall be disclosed.</p>	YES		No water-related compliance violations have occurred in the period 2018-2021.	

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.					
	5.5.2 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 Confindustria Verona, the community of Nogara (suggestions for further improvement regarding information sharing) and the community of Isola della Scala.

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
NEW	<p>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.</p> <p>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.</p> <p>3.In the list of local stakeholders, the challenges of some of them e.g. of Consorzio di Bonifica Veronese aren't clearly stated (there is reference mainly to their strategies/ objectives).</p> <p>4.Environmental NGO's/ local groups haven't been included in the list of stakeholders.</p>	<p>3/12/2021</p> <p><u>Proposed Corrective Actions:</u></p> <p>1) Local Stakeholders: Review of local stakeholder list, identifying key stakeholders to be involved in 2022 (including Consorzio di Bonifica Veronese and local NGOs). 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</p> <p>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</p> <p>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, Consorzio di Bonifica). 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.</p>		1221APP01, Dec 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. The company has sent a questionnaire requesting information about their water management system and awaits their answer. To be noted that the chemical suppliers aren't located in the same catchment.			1221APP01, Dec 2021	1.4.3
NEW	Additional info about the status of the IWRA, through stakeholder engagement, should also be requested.			1221APP02, Dec 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.			1221APP03, Dec 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).			1221APP04, Dec 2021	5.1.1

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	The company should disclose information about its shared water challenges and efforts for addressing them in a more structured way.			1221APP05, Dec 2021	5.4.1

6. Next visit details

Visit type	SV1				
Audit days	2.5	Due date	12/2022	Visit start / end dates	TBD
Locations	Via Molino di Sopra n° 66, Nogara 37054, 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 <i>Final selection will be determined after review of management elements and actual performance</i>								
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.
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See attached agenda.

8. Certificate details

CERTIFICATE No.:
AWS REFERENCE No.: AWS-000400

GOLD AWS LOGO TO BE INSERTED HERE

Issued to

Coca-Cola HBC Italia S.r.l.
Nogara plant: Via Molino di Sopra no 66, Nogara 37054

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	Basin of Fissero, Tartaro and Canal Bianco river/ 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”.