AWS Conformity Assessment

Report for:

COCA COLA HBC Italia-Rionero plant

LR reference:	PIR6028480/ 4786892
AWS reference number:	AWS-000403
Assessment dates:	2-3/11/2021
Assessment location:	C.da La Francesca, s.n 85028, Rionero in Vulture
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:	Antonio Volgare
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 (69 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:

Antonio Volgare, HSE Manager

AWS responsible person contact details:

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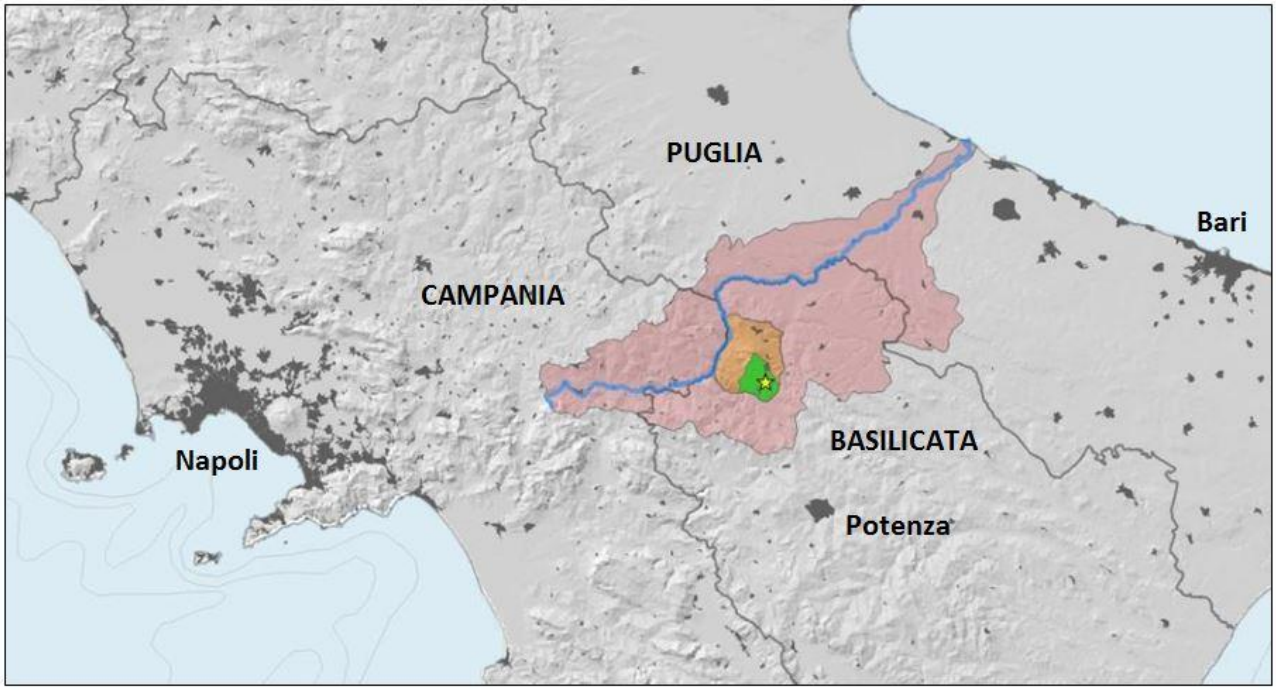
Scope of the assessment (including all locations & facilities visited):

CCH Rionero 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 (Wells visited in 2016: Lilia 4, Vivien. Wells visited in 2017: Sveva 3 and Lilia 7, Wells visited in 2018: Sveva and Lilia).

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

Description of the catchment:



(Figure 1)

The Rionero industrial plant geographically locates in Southern Italy, in the northern sector of the Basilicata region along the border with Campania and Puglia regions. It is into the Rionero in Vulture municipality, about 30 km away from Potenza, the capital of the region and of the province. It is located in the middle position of the catchment area of the Ofanto river, which develops in the eastern side of the Southern Appennines and flows into the Adriatic Sea. The hydrographic basin has a total surface area of approximately 3,000 Km^2 and is developed in the regional territories of Campania, Basilicata and Puglia (Fig. 1). Pursuant to Law 183/89, later replaced by Legislative Decree 152/2006, and to the agreements between the regional administrations concerned, planning activities for soil protection and other activities related to the management of water within the Ofanto River basin was performed by the Interregional River Basin Authority of Puglia.

It is included in the hydrographic district of the Southern Apennines in the River Basin District of the Southern Apennines, set up under Legislative Decree 152/2006 implementing Directive 2000/60/EC.

The physiographic, administrative and socio-economic context is the District of Vulture. In particular the hydrogeological basin consists of the volcanic structure of Mount Vulture which covers an area of about 230 km^2.

This hydro-structure is divided into three parts. The southern one is affected by the industrial activities of Fonti del Vulture.

Summary of shared water challenges:

- ✓ Minimization of water consumption/ efficient management of the water
- ✓ Protection of natural resources
- ✓ 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 1896 the first plant was built by Fonti del Vulture. A major reconstruction was done in 1989 and in 2006 the acquisition by CCH took place. Other milestones: in 2008, a high-speed PET line was installed, an expansion of the warehouse took place in 2011 and in 2014 the light-weighting project was initiated.
- The wells are in the property of the plant: 3 naturally carbonised (sveva, sveva 2 and sveva 3), 3 for still water (Lilia 2, 4, 7) and 2 wells for service water (Lilia and Vivien P3). Trees (e.g. pines, walnut trees etc.) have been planted at the surrounding area. Wells visited during the site tour in 2015: Sveva 2, Lilia 2.
- The plant has 3 PET lines and 16 products (PET 3 has been dismantled)
- Number of employees: 71 (30 extra people are leased in summertime)
- The plant is in Basilicata region (southern Appenines district), River basin: Ofanto, sub-basin: Rionero in Vulture
- The Basin authority is in the Region of Puglia
- No municipal water is used. Sanitary wastewater is treated in the biological WWTP and process wastewater is treated in the physico-chemical WWTP.

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
Anna Lotito	Quality Assurance Manager	CCHBCI-Rionero plant
Gabriella Carrieri	Quality Assurance Specialist	CCHBCI-Rionero plant
Antonio Volgare	HSE Manager	CCHBCI-Rionero plant
Pietrafesa Franco Rosario	HSE Specialist	CCHBCI-Rionero plant
Gianluigi Giannella	Consultant Geologist	

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		▪ Sources summary.xls (name, type, use, permit expiry date, document update, quality of sources, water balance, monitoring program, measures)- permits available for 8 wells ▪ Report AWS FdV 2021 (map with the wells, information about the wells, the abstraction and discharge volumes, etc.) ▪ Drainage map of the plant (6.7.2021) Less than 10% of Sveva well is used in the products because is in the shallow part of the aquifer-nitrates are higher than allowed for potable water. The plan is to decommission this well in the future. Lilia's and Vivien water is used only for utilities (e.g. sanitary, CIP etc.) for the same reason. No usage of municipal water, no discharge to municipal WWTP. The process, sanitary and storm water is discharged in Visciolo creek. **The catchment of the plant is the Ofanto River basin**.	
1.2 Understand relevant stakeholders, their waterrelated challenges, and the site's ability to	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	YES	Minor NC 1121APP01	○ On-line stakeholder forum in March 2021 ○ On-line materiality matrix questionnaire was sent to internal key stakeholders (173 employees)	

influence beyond its boundaries.	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.			○ 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) ▪ Survey for materiality issues matrix ▪ List of local stakeholders 2021 (stakeholders, description of contact, involvement, description of common challenges, degree of current and potential influence and interest, future projects/ activities in collaboration with the stakeholders) Identified stakeholders: community, Province, Regional Authorities of Basilicata, Basin Authorities, National Environmental Agency, Sanitation Authority, Aqueduct Lucano, competitors, schools, Parco de Vulture Administration, NGO ONLUS, Consortium, volunteering NGO Proloco, Civil protection Agency, etc.) ▪ List of stakeholders in national level (employees, media, NGO, trade associations, politicians, Academic/ Institutions, Consortium, customers) ▪ List of events with the District Authority (e.g. for the new flood protection plan on 30/4/2021, for the new river basin management plan on 24/1/2021 etc.) ○ Participation of the plant in the public consultation of the RBMP for period 2021-2027. 150 participants, the CCH Rionero and Marcianise plant (located in the same region) included ○ MoM from the 3rd forum on 30/6/2021, organised by the River Basin Authority of Southern Apennines (flood protection plan) ○ Meeting with the municipality of Rionero, 13.7.2021 (presentation of plant's water management plan, mission 2025, investments, innovations, responsibilities for water management, etc. From the part of municipality: presentation of the on-going UNESCO project 'Man & Biosphere' in the Parco de	

				Vulture and invitation for participation. A meeting with the Manager of the area has been planned for November 2021. ○ Meeting with other companies from the Industrial Association of Southern Apennines about the new taxation in the mineral water bottlers. The first meeting was held on 28.5.2020. ▪ MoM of the meeting with the Confindustria of Basilicata region on 28.5.2021 ▪ MoM of the meeting with of HSE & Quality team on 15.10.2021 (waste pollution around the plant) ○ Collaboration with another bottler in the area, 15.10.2021→ cleaning around the collection wells and the public area around the plant. Authorities have been notified accordingly. ○ Plant visit by the technicians of Basilicata Region on 23/9/2021. The Plant Manager and the QSE Manager hosted the representative of the Region and shared information on water stewardship and water consumption calculation.	
	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).	

				▪ I5-8, Procedure for the emergency preparedness and response in the workplace (potential scenarios: pollution of water wells, oil or chemical spillage, WWTP incident, fire, earthquake, flood due to heavy rain, water loss in soil from the pipelines, risk analysis, mitigation measures and evaluation of the action)-Rev 2 22/9/2020 ▪ The existing water-related incidents' identification is reported in an excel file ("4.2.1 Valutazione rischi e opportunità, Rev 01 Rionero 30 settembre 2021.xls") Rev. 01 9/03/2018 and "Piano di Gestione delle Crisi" I5-8AL1 Rev. 0, 30/03/2018 ▪ Plan of emergency drills and respective reports (e.g, leakage of hazardous substance in the maintenance workshop on 27/4/2020, WWTP emergency plan response training on 23/07/2021, chemical spillage plans' response training for all trainees on 15/03/2021 and 25/06/2021) The River Basin Authority of Puglia has elaborated a map with the areas that have a flooding risk-the plant doesn't belong to one of these areas.	
	1.3.2 Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped	YES		▪ Water map water balance 2020 (monthly quantity abstracted, used, produced, discharged, overflow from the wells) ▪ AWS report 2021 (water scheme, water uses, monthly, summer and annual withdrawals, utilization of the wells, WSI, WTA, WDI) 54% of the water is used for bottling, 27% returns to nature and 19% is used for utilities The authorized withdrawals are only 10% of the water availability and less than 1/3 of the surplus of resources that annually recharge the aquifer. No sensitive period for withdrawals has been identified during the year.	
	1.3.3 Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified.	YES		See above.	

	Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.				
	1.3.4 Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.	YES		Once per year physico-chemical (metals, pesticides, HC, etc), organoleptic and microbiological analysis of the water by the University of Naples (per well) and by Fresenius Lab (treated water) ▪ Physico-chemical and organoleptic analysis report by Naples University e.g. for Lilia Giovane 4 Lilia Giovane 7 and Lilia Giovane Uscita, 30/07/2020 ▪ Microbiological analysis report by Naples University for Lilia Giovane 7 (Report 35 ACM 7/07/2020) and Sveva 3 (Report 28 ACM 2/07/2020) ▪ QS5-7AL1 "Piano dei controlli del 01 01 21.doc" Rev. 0 30.03.2018 Plan of internal water analysis (phase, parameter, frequency, requirement) for wells, storage tanks, WT, in production and of finished products ▪ Trend of the parameters from 2003 to 2020 for Ca, Mg, Na, Cl, SO3 HCO3 per well-no significant fluctuations ▪ According to procedure A5-11 "Gestione controllo delle acque reflue" Rev. 0 30.03.2018 a Plan of internal and external wastewater analysis is present (sample point SB: cooling tower, S1: exit of physico-chemical treatment, S3: exit of biological treatment, sample points P0, P1, P2 in the physico-chemical treatment and sample point P3: in the biological treatment)-every 14 days internal analysis, quarterly by external lab ▪ Report 21.2990.1 by SCA snc Lab 5/10/2021 for industrial water discharged from WWTP according to AUA limit (parameters checked according to relevant law: pH, colour, odour, TSS, BOD5, COD, HC, oil & grease, aromatic HC, metals, free chlorine, TP, TN,	

				NO3, NO2, NH4, S, SO3, SO4, F, Nitrites, Nitrates, oils-grease, HC, Phenols, pesticides, sulphates, fecal coliforms, toxicity test) ▪ "Chimica depuratori dal 19 gennaio 2021 Annex II.3.xls" Internal Lab analysis of sanitary water and wastewater)-the last one was conducted in 22/10/2021 (parameters checked: temperature, pH, BOD5, COD, P, N, nitrates, nitrites, ammonium, sulphates, Cl, peracetic acid, Fe, Arsenic, fecal coliforms)-measurements, legal limits, average value of each parameter, monthly load in the effluent, annual load per parameter, indication if it's a main pollutant, priority substance, regulated or no-regulated substance Effluent water quality is very good. ▪ The water of the river Visciolo is analysed, every 3 months by the plant and once per year by an external lab (last analysis: 5/10/2021 by Laboratorio S.C.A.), upstream and downstream (parameters checked: temperature, colour, odour, turbidity, pH, BOD5, COD, metals, TN, pathogens, P, free-chlorine, sulphates, Chlorides, etc.)-no significant differences were identified. There isn't any obligation to analyse the river's parameters. The plant performs analysis in a voluntary basis. Compliance to KORE limits isn't obligatory either.	
	1.3.5 Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site	YES		▪ Annex II.1-Sost.Inquinanti aggiornato marzo 19.xls" - A detailed chemicals list has been carried out (name, area of usage, storage area, pollution type e.g. point, diffusion, etc., type of impact, category of the chemical e.g. corrosive, flammable etc., MSDS and H-phrases in accordance to MSDS, P-phrases, annual consumption, maximum stored quantity, main pollutants)-there aren't priority hazardous chemicals. Last update of the list: July 2020. ▪ "Annex II.2 INDUSTRY.xls" – A detailed list of chemical reporting also the load of chemical per	

				year. Last update: 2019 Only main pollutants have been identified and one priority substance (benzene). ▪ AH5-20 procedure for the management of chemicals and hazardous materials (evaluation in accordance to WFD legislation and substitution with another substance, if possible, in case it's hazardous for the aquatic environment) Rev. 1 21/01/2021 ▪ Map of High-risk areas "mappe aree di stoccaggio FDV.pdf" Rev. 15.11.2106 ▪ "Report AWS FdV Bilingue.pdf" - AWS report, October 2021 (actual and potential groundwater pollution sources by human activities in the area) ▪ Drainage map of the plant with process, sanitary and storm water system (destination of all water streams is the river Visciolo)	
	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		▪ Energy and Water projects 2020 (project description, CAPEX/OPEX, impact to water/ energy, targeted completion date, status, costs estimation, water/ energy savings)- recovery of the 2 PET rinser water which will be directed to the cooling towers with estimated water saving: 5000 m^3/ y, installation of new cooling tower, estimated water saving: 5000 m^3/ y and energy saving: 35000 KW ▪ Proposal energy and water saving CAPEX 2021: recovery of the water from the rinsers to the cooling pump of the PET line 4 (completed) ▪ OPEX 2021 (costs for best practices, training, audits, water and WWTP analysis, studies, sustainability activities, etc.).	

				▪ CAPEX projects for water saving 2021 (project, budget, indicator, objective, responsibilities, status, etc.) **<u>Projects:</u>** treatment, of storm water, reuse of water from PET1,2 to PET4, installation of an automatic system for the abstraction of water, provision of environmental training to the employees and increase of the awareness in wastewater management and raw materials' use, new SPC system for improvement of the micro data in the raw water, installation of a valve in the WWTP, creation of a leaflet for the plant's visitors ▪ CAPEX 2022 (elimination of the rinsing from the filler machine in PET1,2 lines) ▪ [redacted]	
	1.3.8 Levels of access and adequacy of WASH at the site shall be identified.	YES		▪ WASH of local communities (Rionero in Vulture and Atella): 2015 data (drinking water needs in Basilicata region, water supply per capita in Rionero), Aqueduct data-2019 (unimproved/ no drinking water/ no sanitation: low risk) ▪ Map of the plant (location of toilets/ showers for men and women, areas with potable water) ▪ Monthly inspection report of hygiene and sanitation (persons, production area, drainage systems, equipment, common areas, bathrooms, offices, etc.), October 2021	
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 ▪ Water footprint for CCHBCI (info about certifications, location, water metric, source of water, monitoring of water consumption and targets, action for water protection, water footprint by the Group, quantity of	

waters at the origin of the inputs (where they can be identified); and water used in out-sourced water-related services.				materials consumed, categorization of the suppliers based on the water footprint level, info about the water stress level, etc.) ▪ Questionnaire has been sent to all suppliers (including chemical's suppliers)- 50% of them have answered (in country level) ▪ AWS report 2021 (Most of the primary inputs come from the national territory, only 6 suppliers are from the European Union countries) ▪ Map with the location of CCH Rionero plant suppliers (chemicals, packaging materials, CO2, N2, services) Within the catchment area of the River Ofanto there is only one vendor (Seari) who manages waste disposal for the plant (not water-related).	
	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		No water-related service provider in the same catchment. 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		▪ New RBMP (2021-2027), December 2020 (in draft) ▪ Flood protection management plan ▪ List of catchment projects	
	1.5.2 Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary	YES		▪ "Report AWS FdV Bilingue.pdf" - AWS report, October 2021	

	water rights.			▪ S00M1 “Elenco norme cogenti e volontarie” list of laws and permits in relation to mineral water (last update: 4/05/2021) ▪ List of the permits (abstraction rate in lt/ s and in m^3/h, name of permission and protocol number, expiry date) ▪ Regional law n.9, 16.4.1984, law for the protection of Vulture Basin (not permitted activities, obligation in relation to discharge and abstraction of water, controls, etc.) ▪ Plan of protection of Vulture Basin elaborated by Department of Environment & Land of Basilicata Regional Authorities-maps attached (e.g. hydrogeological, identification of vulnerable areas, points which can pose a potential water pollution hazard, etc.)-February 2000 ▪ AUA (Autorizzazione Unica Ambientale) Prot. 16930/2017 Environmental permit, 27/4/2017, valid for 15 years. No limit for the quantity of discharged effluent, only for quality parameters (according to the law D. Lgs 152/06).	
	1.5.3 The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	YES		▪ AWS report 2021 (water balance of the catchment) ▪ Geological review of Monte Vulture with an assessment of the origin and age of the underground water, May 2007 by Prof. Geol. Andrea Fuganti ▪ Water balance of the southern sector of the Monte Vulture ▪ Monitoring of groundwater.xls (flow, water level, conductivity, temperature, micro analysis) (e.g. for Lilia 7) ▪ Piezometric level S2 From measurements (twice per month) made in one of the piezometric boreholes of the plant, no significant variations, in the water level of the aquifer, have been noted. Not water stress periods, only small seasonal fluctuation of water level.	

	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	OBS 1121APP02	▪ AWS report 2021 (reference to RBMP) ▪ RBMP 2015-2021, (areas vulnerable to nitrate pollution due to agricultural practices, chemical status of the water bodies in Monte Vulture: not good, 19% of the rivers in Basilicata region have good ecological status and 63% have good chemical status, sea water: sufficient to good status, 83% of the lakes have good ecological status, etc.)	
	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 1121APP03	▪ Annex III. 1HCV-protection zone.xls (name, code, region, zone: SIC, ZSC, SIC-ZPS, birds' protected areas, lakes, rivers, natural parks, villages, monasteries, institutes, type, quality and importance, protection goals, protection measures, existence of management plan, location, type of impact coming from the site, parameters to control, TEEB categorization) ▪ AWS report 2021 (IWRA in the catchment have been identified). The status of most areas is recorded in the RBMP and in other official documentation.	
	1.5.6 Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.	YES		▪ MoM from the meeting with local Authorities on 30.09.2021 (discussion on the flood risks in the area, actions to be taken for the water supply: construction of a new pipeline) Low risk of flooding in the Ofanto area→ no need for actions ▪ Draft RBMP (2021-2027), December 2020 (projects for the maintenance and construction of pipelines for water supply) ▪ List of projects in the new RBMP (upgrade of the sanitary wastewater treatment in the community of Atella which serves also Rionero) ▪ Project of Consortio di Bonifica della Basilicata (Authority responsible for the provision of water for agricultural needs) for the maintenance of wells and the piping network in Atella, Rionero,Barille and	

				Rapolla areas, March 2019 (not special issues)	
	1.5.7 The adequacy of available WASH services within the catchment shall be identified.	YES		▪ AWS report 2021 (Areas designated for extraction of waters intended for human consumption, information about water supply in the plant and the municipalities of Rionero in Vulture and Atella) See also 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		▪ The water of the river Vishiolo is analysed, every 3 months by the plant (last analysis: 22 July 2020) and once per year by an external lab (on 5/10/2021 by Laboratorio S.C.A), upstream and downstream (parameters checked: temperature, colour, odour, turbidity, pH, BOD5, COD, metals, TN, pathogens, P, free-chlorine, sulphates, Chlorides, etc.)-no significant differences were identified. It should be noted that quality of the river's water downstream is better than upstream There isn't any obligation to analyse the river's parameters. The plant performs analysis in a voluntary basis. Compliance to KORE limits isn't obligatory either. ▪ Piezometric level S2-2021 Measurements (twice per month in normal situation and 1 per month during the lockdown) are made in one of the piezometric boreholes of the plant. No significant variations have been noted during the year, in the water level of the aquifer.	7
	1.5.9 Advanced Indicator The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified.	YES		▪ 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	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): ✓ Minimization of water consumption/ efficient management of the water	

catchment, by linking the water challenges identified by stakeholders with the site's water challenges.				✓ Protection of natural resources ✓ 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		▪ Socio-economic report, *Italiana di fatto*, 2021 ▪ AWS report 2021 (potential water-related social impacts 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		▪ CCH-SVA-SWPP Rionero 2018 (future risks have been identified and evaluated, mitigation actions have been proposed for the elimination of the risk) ▪ AE3-1 "Pianificazione Ambientale ed energetica" Rev. 2.08.2021 Procedure for the identification and registration of the environmental aspects The procedure includes criteria for the evaluation of the impacts to local community and for better analysis of the impacts from the water usage. ▪ AWS report, October 2021 ▪ "Valutazione rischi e opportunità Rev 01 Rionero 30 settembre 2021" risk and opportunity assessment with Identification and prioritization of AWS water related risk. Last update: 30/09/2021 ▪ "Analisi Ambientale Periodica" (1.2.2019) Environmental analysis is updated every 3 years. The abstraction of the water is according to the law of	

				Basilicata region. Therefore, there is no impact to the hydrological equilibrium, no environmental impact to the quality or quantity resources. Also, the wastewater is treated accordingly and is within legal limits. ▪ Analysis reports by the Regional Agency of Environmental protection in Basilicata on 5/5/2020 for Sveva and Lilia (final products)-no issues ▪ Inspection report from "Polizia Provinciale di Potenza" issued on 7/7/2021 following an environmental inspection related to AUA (Environmental permit) no adverse findings were identified. See also indicators 1.3.7 and 4.1.1.	
	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		See indicators 1.3.7, 1.7.1 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 ○ **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 ○ Group water training, May 2021 (participants: QSE Team, Quality Assurance Manager, Country HSE Governance Specialist, Country HSE Governance Manager, PAC Department) ○ Group environmental training, June 2021 (participants: QSE Team, PAC Department, Country HSE Governance Specialist) ○ Training of Water Team, August 2021 (Water champion: HSE Manager and the rest of the managers are part of the Water Team)	

				○ TOTAL QUALITY DAY-training of all employees on recovery of water, BEE project, EWS certification, etc., on 21 October 2019 ○ Near losses program (all employees are encouraged to report near losses) ▪ List of Tool-Box talks ▪ Environmental Communication Board (WUR, improvement actions, Best practices, etc.) ▪ Visits' plan (date, number of children, class, city, region)-In 2017, 700 students and in 2018, 400 students visited the plant. ○ Fabbriche aperte (Open day for schools) for the period: February to November. Every Thursday schools were informed on water and other environmental topics. During the Open day for schools, books are given to the children, with stories in relation to water and other environmental topics as well as a leaflet with green jobs in the industry. In 2020-2021, no visits/ events were performed due to COVID-19 restrictions.	
	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		▪ List of best practices (estimated and actual water, energy and chemical savings per SP) Water is recovered: -In the CIP (a mixture of water and caustic soda is recovered in 2 tanks and is reused in the CIP). -In the PET1,2. A part of the water from the bottles' rinsing is reused for the lubrication of the line and in the cooling tower -In the WWTP. A part of the effluent is reused for the backwash of the WWTP carbon filters. ▪ Near losses list.xls (month, date, area, reported by, description of near loss, corrective action, deadline, responsible, status, type and lost quantity of water, energy, waste and chemicals) ▪ Top 10 water saving initiatives (repair of leaks, dry	

				lubrication, CIP optimization, recovery of the water from the backwash of CF in the WWTP and from the rinsing of PET 1,2). ▪ Advantis CIP.ppt (current procedure, description of the new methodology, benefits: saving of water, energy, chemicals, increase of SLA). This project has been postponed for now, due to long validation time. ▪ SP-COP PET2 (estimated savings: 500 m^3/ y, 297 KW/ y) ▪ SP (4/7/2017)-Optimization of water use in PET2 (reduction of the flow)-estimated savings: 5000 m^3/y, 3700 KW/ y ▪ List of BMPs (description, category, complexity, speed to benefit, year, budget, approved by, link, water, energy and chemicals' saving, status, completion date, responsible for the action, evaluation date, recalculation of the benefits and comments)-e.g. re-use of the water from the backwash of carbon filters in the WWTP. ▪ Best practice (initial point, description of the action, benefits, complexity, speed to benefit, final evaluation) e.g. ▪ Combination of the 2 phases of COP (estimated water saving: 780 m^3/ y, energy saving: 487 KWh/ y)-3.11.2016 ▪ Reduction of the regeneration frequency from 15 to 20 days (estimated water saving: 7200 m^3/ y, energy saving: 3700 KWh/ y, chemical saving: 42000 lt/ y of NaOH)-14.5.2016 ▪ Reduction of the quantity of water used in the rinser of PET 2 line (estimated water saving: 6280 m^3/ y, energy saving: 3700 KWh/ y)-13.10.2016 ▪ Reuse of effluent (estimated water saving: 1500 m^3/y)-24.8.2016	

				▪ Optimization of water use during change of production in PET4 (4/11/2017) ▪ Optimization of water use in the filler of PET1 (10/11/2017)-estimated water saving: 1500 m^3/ y ▪ Optimization of the water in the filler of PET4 (30/4/2018)-estimated water saving: 200 m^3/y ▪ Backwash reduction time in WT (23/1/2019)-estimated water saving: 700 m^3/y ▪ Reduction of NaOH solution in CIP (24/9/2019)-estimated saving: 20000 kg of NaOH/ y and 1000 KW/ y ▪ Improvement memos Action plan 2020-21 (date, equipment, line, problem, suggested solution, type, operator, date of feedback, status of action, BRA, FRA, date of completion) 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		▪ Procedure PA4-10-R management and control of wastewater (description of the physico-chemical WWTP and the biological WWTP, plan of analysis) ▪ Report for cleaning of the pipes with innovative technology 'ice pigging', 2019 ▪ Control plan of water monitoring, 13.3.2019 (parameters and frequency of the wells' water monitoring) 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		○ Meeting with the municipality of Rionero, 13.7.2021 (management of the Vulture park→ Man & Biosphere project of UNESCO) ○ Collaboration with National Association and District Authority for improvement of hydraulic efficiency and monitoring of the surface water bodies, 2019	

				○ Clean-up activities ▪ Green Deal plan,2023-2027 (water reuse for agriculture)	
	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		The RSI (Integrated Systems Responsible) or Sustainability Manager is the authorised person for the identification, monitoring and registration of EHS legislation. ▪ Procedure AH3-4 "Identificazione e registrazione delle prescrizioni legislative" Rev. 2 2/08/2021	

				procedure for the identification and registration of the legal requirements ▪ AHE3-4M1 "Elenco delle prescrizioni legislative applicabili" last update Rev. 18 18/10/2021 List of environmental laws. ▪ AHE3-4M2 "Scadenziario delle prescrizioni legislative applicabili 2021" Rev. 2/08/2021 ▪ S00M1 "Elenco norme cogenti e volontarie" list of laws and permits in relation to mineral water (last update: 4/05/2021) ▪ Directive 2006/123/CE about the public consultation of the concessions ▪ Evaluation of legal compliance with environmental laws by SOLVE Consulting (last check: May 2020) Sources of new legislation: The National Association for Natural Water and the SOLVE Consulting company. The Sustainability Mgr reviews the new legislation and if it's applicable to plant's activities, it's communicated to involved employees.	
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: 1.53 lt/ lt with respective target: 1.60 lt/lt WUR 2017: 1,49 lt/ lt with respective target 1,5 lt/lt (consumed water) WUR 2018: 1,47 lt/ lt with respective target: 1,45 lt/lt (consumed water) WUR 2019: 1.38 lt/ lt with respective target: 1.40 lt/ lt WUR 2020: 1.36 lt/ lt with respective target: 1.37 lt/ lt WUR YTD2021: 1.35 lt/ lt with respective target: 1.37 lt/ lt ▪ RACI Energy & Water saving CAPEX & OPEX mgmt (projects responsibility chart) 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.	YES		○ Clean-up activities, around the wells and around the plant, with a competitor who is located in the same catchment, 15.10.2021 ○ Participation in public consultation for the new water management plan and the new flood protection plan in the region of Southern Apennines (150 participants including CCH Rionero and Marcianise plants)	4
	2.3.4 Advanced Indicator 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.	YES		○ Participation in public consultation for the new water management plan and the new flood protection plan in the region of Southern Apennines (150 participants including CCH Rionero and Marcianise plants) ○ Collaboration with other CCH Italian plants in the framework of the water saving workshops (1-3 of December 2020 in Rionero)	4
	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	2.4.1 A plan to mitigate or adapt to identified water risks	YES		○ Participation in public consultation for the new water	

and resilience to respond to water risks	developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.			management plan and the new flood protection plan in the region of Southern Apennines (150 participants including CCH Rionero and Marcianise plants)	
	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 3.3.4.	
	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 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.	YES		A part of the abstracted water is returned to the nature (Visciolo creek). No legal obligation. In 2020: 137.730 m^3 (27% of total abstracted water)	6
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 requirements. Nevertheless, and although there isn't any obligation, the plant complies also with TCCC requirements for wastewater, which are more stringent than legal limits.	
	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		The quality of plant's effluent is good. 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	NO		---	

	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.				
	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 site's control.	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.	
	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 3.3.4.	
	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	NO		---	

	sanitation shall be identified.				
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 ▪ Monthly report 2021, September 2021- yields for preforms, CO2, shrink film (without target), closures 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 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		Clean-up activities in the area (minimization of the water pollution from waste) See indicator 2.3.3	
	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: 7790 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.	YES		See indicator 2.3.3.	8
	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	3

				▪ Toolbox talks/ environmental trainings ▪ 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. ○ Country biweekly Inter-plants routines: sharing of issues/ best practices ○ Monthly CCH Group routines: sharing performance/ issues/ best practices (with the participation of Group Env. Director and the head of Water Resources & Technologies) ▪ Rionero environmental performance plan 2020-2021 (status of water projects and WUR)- discussion in plant level, participants: Country Environmental Manager, QSE Team, Maintenance Manager, Plant manager, Quality Department	

				RCA when targets aren't met. ▪ Env. KPI follow-up for CCHBCI, October 2021 (Group meeting)-Participants: Group Environmental Director, Country Environmental Manager, Plant Manager, QSE team, Maintenance Manager	
	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 2020-2021.	
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 1121APP04	Active engagement with the stakeholders in national and local level and presentation of water stewardship performance as part of the sustainability achievements. 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 1121APP05	The Water Champion and the water team are responsible for the water stewardship system implementation. ▪ Water management plan for Rionero plant (water governance plan, responsibilities in relation to water management) This document and the CSR report was shared during the meeting with the municipality of Rionero on 13th of July 2021. 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	5.2.1 The water stewardship plan, including how	YES		See below.	

water stewardship plan with relevant stakeholders.	the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.				
5.3 Disclose annual site water stewardship summary, including the relevant information about the site's annual water stewardship performance and results against the site's targets.	5.3.1 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 (for Rionero in Vulture→ Plant visit by the technicians of Basilicata Region on 23/9/2021. The Plant Manager and the QSE Manager hosted the representative of the Region and shared information on water stewardship and water consumption calculation). **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	
	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 1121APP06	○ Stakeholders' forums ○ Sustainability reports ○ Presentation of sustainability strategies/ commitments in national speaking platforms	
	5.4.2 Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.	YES		See indicators 2.1.1, 2.3.4.	
5.5. Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective	5.5.1 Any site water-related compliance violations and associated corrections shall be disclosed.	YES		No water-related compliance violations have occurred. ○ Visit by the Provincial Authorities of Potenza, 7.7.2021 (no findings)	

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 replies have been received by the Confindustria Basilicata, one competitive and the Councilor of Rionero municipality.
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. 3. In the list of local stakeholders, the common challenges with the Consortium of Benedetto are in reality the water challenges of the stakeholder. 4. The challenges stated for the community of Rionero aren't water related.	3/11/2021 *Proposed Corrective Actions:* 1) Local Stakeholders: Review of local stakeholder list, identifying key stakeholders (Including group of local competitors, e.g. San Benedetto, Norda, etc.) 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 Rionero). 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. 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.			1121APP01, Nov 2021	1.4.3
NEW	Not sufficient data in the previous RBMP (2015-2021) about the quality of the surface and underground water. More accurate and sufficient data is anticipated in the next RBMP which is under elaboration.			1121APP02, Nov 2021	1.5.4
NEW	1. A note, regarding the status of the IWRA identified, as stated in the relevant documentation (e.g. RBMP) should be added in the AWS report. 2. Additional info, through stakeholder engagement, should also be requested.			1121APP03, Nov 2021	1.5.5

	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	More effort is required for obtaining concrete feedback from company's stakeholders regarding their perspective on the site's water stewardship performance.			1121APP04, 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).			1121APP05, 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.			1121APP06, 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	C.da La Francesca, s.n 85028, Rionero in Vulture				
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-000403

GOLD AWS LOGO TO BE INSERTED HERE

Issued to

FONTI DEL VULTURE SRL
C da La Francesca, s.n. 85028, Rionero in Vulture

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	Ofanto river basin/ food sector	Bottling of natural mineral water

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”.