AWS Conformity Assessment

Report for:

COCA-COLA HBC Polska Sp. z o.o.
Tylicz plant

LR reference:	PIR6021940/ 4546144
AWS reference number:	AWS-000265
Assessment dates:	7-8/7/2021
Assessment location:	8 Wolnosci St 33-383(Krynica-Zdroj),Tylicz, Poland
Assessment criteria:	AWS Standard Version 2, 22/03/2019
Assessment team:	Artemis Papadopoulou, Aleksandra.Kurzynska (local auditor/ expert)
Assessment type:	First Surveillance
Single site/ Multi-site/ Group site:	Single site
LR office:	Piraeus

Contents

Attachments

This report was prepared by:		**This report was presented to and accepted by:**	
Name:	Artemis Papadopoulou 	Name:	Slawomir Babiarz
Job title:	AWS Lead Auditor	Job title:	Plant 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~~
3) AWS Platinum Certified (89 points)

Areas of weaknesses/ opportunities for improvement:

The plant is advised to focus on obtaining feedback, from its stakeholders, on specific water-related topics rather than having a more generic approach.

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~~

All indicators were reviewed, taking into consideration the updated information provided by the company. Compliance with indicators 1.4.3, 2.3.4, 3.3.4 and 3.9.6 was verified as well, so the upgrade of the certification status was granted.

2. Introduction

AWS responsible person:

Slawomir Babiarz, Plant Manager

AWS responsible person contact details:

Office telephone:	
Mobile telephone:	+48604495157
Email:	slawomir.babiarz@cchellenic.com

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

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

NOTE: The site has been visited in previous occasions, in the framework of EWS assessment. Most of the company's wells/ springs have been visited during these audits.

A virtual tour to the areas of the facility was conducted the first day of the audit.

Description of the catchment:

Tylicz is located in the basin of river Vistula, in the catchment of river Muszynka. This is a right tributary of the river Poprad, which is a right tributary of the river Vistula. Muszynka river basin is located in the Outer Carpathians, near state border with Slovakia. The main confluents:
• Right: Roztoka, Mochnaczka, Golicowy Potok, Bradowiec
• Left: Szczawnik, Hotarny, Zimny, Pusta, Wojkowski, Stupne

The Vistula river basin occupies the eastern part of the country and is the largest part of the territory of Poland among all the separated river basins. Its surface is about 184000 km^2, which accounts for about 59% of the country's area. The Vistula River Basin, apart from the Vistula River Basin, covers the river basins that go directly to the Baltic Sea: Słupia, Łupawa and Leba and the rivers that feed the Vistula Lagoon. Pasłęk, Baudy, Elblag. The administrative area of the Vistula River Basin lies in the Silesian, Malopolska, Podkarpackie, Lubelskie, Świętokrzyskie, Lodzkie, Mazowieckie, Podlaskie, Warmia-Mazury, Kujawsko-Pomorskie and Pomeranian provinces.

Tylicz area is within the main groundwater reservoir (polish short name GZWP) No 438 under the name "Reservoir Magura layers (Nowy Sacz)", and also within the body of groundwater No. 154. Groundwater reservoir was created by sediments form Cretaceous to Tertiary, forming in the geosynclinals tank as a deep-sea sediment formed under the action of gravity sewage, mainly currents disperse. They consist of alternating sandstone, conglomerate, shale and marl. These sedimentary series - during the Alpine orogeny (older Neogene) - were cut off from the ground and moved a few hundred kilometers in the form of units called nappes. In area of Outer Carpathian we have 8 nappes. The most south-located is Magura Nappe (area of Tylicz). Nappe divided into smaller units separated tectonic, by normal and reverse faults.

Summary of shared water challenges:

✓ Management and protection of water resources
✓ Pro-ecological education in water protection

✓ Good wastewater quality
✓ Sharing experience and knowledge on water management

General information about the site's operations:

- The plant started its operations in [redacted]. It was bought by CC in [redacted].
- Products: Kropla Beskidu (brand and [redacted] name), Kropla Delice (brand and [redacted] of well)
- No exports, only Polish market
- [redacted] boreholes in total ([redacted] of which are used for piezometric measurements and [redacted] for process water) & [redacted] springs only used as monitoring points (owner - community in Krynica Zdrój), [redacted] for Kropla Beskidu[redacted] for Kropla Delice
- The housing of all boreholes is made of stainless steel.
- Non-returnable glass bottles – no bottle washer in place
- [redacted] shifts, [redacted] employees
- [redacted] PET and [redacted] NRGB line
- Discharge to the municipal WWTP
- 2 types of water produced: medium mineralised and low mineralised
- The plant is located in the Vistula River Basin (catchment area of Muszyna)
- Sources visited in previous visits:
  Wells: [redacted]
  Springs: [redacted] (used for the monitoring of the chemical parameters of the water)

Audit attendees:

Name	Job title	Company
[redacted]	Plant manager	
[redacted]	Mining Geologist	Coca Cola HBC, Tylicz plant
[redacted]	Regional Safety& Env. Protect. Senior Spec.	Coca Cola HBC, Tylicz plant
[redacted]	Production Manager	Coca Cola HBC, Tylicz plant
[redacted]	QSE Specialist	Coca Cola HBC, Tylicz plant
[redacted]	QA Manager	Coca Cola HBC, Tylicz plant
[redacted]	BU Environmental Specialist	BU PL&BAL
[redacted]	BU QSE Governance Manager	BU PL&BAL
[redacted]	External Affairs& CSR Manager	BU Corporate PL & BAL

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		▪ Local Watershed Map of Muszynka River mining area around Tylicz ▪ Hydrogeological map of **Muszynka River Catchment** ▪ Low mineralization water Kropla Beskidu (brand name): [redacted] boreholes-[redacted] well ▪ Medium mineralisation water Delice (brand name): [redacted] boreholes ([redacted])-[redacted] well ▪ Technological water: [redacted] boreholes ([redacted]) - [redacted] well ▪ Piezometric: [redacted] boreholes – aquifer monitoring ([redacted] springs for chemical monitoring of the water ([redacted] ▪ Municipal water – used in emergency situations only (fire-fighting station) ▪ Database for Kropla Beskidu and process water- weekly measurements of water level, flow meter readings, working time. Daily measurements of the same plus maximum and minimum water level. Weekly lab analysis, permits and annual check of expiry dates of permits. ▪ Database for Kropla Delice ▪ The water is discharged to the municipal WWTP ▪ Map with discharge points (parameters' limits, final destination)-process wastewater and rainwater The physical scope is well defined and described covering all relevant information.	

1.2 Understand relevant stakeholders, their waterrelated challenges, and the site's ability to influence beyond its boundaries.	1.2.1 Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall: - Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people; - Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies; - Provide evidence of stakeholder consultation on water-related interests and challenges; - Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups; - Identify the degree of stakeholder engagement based on their level of interest and influence.	YES	OBS 0721APP01	▪ Criteria for selection of water-related stakeholders ▪ Stakeholders v3 (3 categories of stakeholders: *Authorities, Local Community, Vendors*, name of stakeholder, country, description, river basin, EWS/ AWS certification, availability of water, degree of engagement based on interest, current/ potential degree of influence, vulnerable groups, water-related challenges and supporting evidence, additional info for vendors: water management, sustainability, index) ▪ Map of stakeholders Stakeholders identified: Local and district Authorities, Governmental Institutions, private land owners, the Agriculture University of Krakow, Laboratories, vendors, NGOs, etc. ▪ CSR report 2019 (materiality matrix: protection of natural resources including water is one of the most significant aspects, according to the results of the stakeholders' survey) ▪ AWS survey Tylicz plant ▪ E-mail with link to survey was sent to all stakeholders on 17/11/2020 (16 replies out of 36) ▪ Summary of Dialogue, 23/3/2021 (Questions about challenges, evaluation of plant's activities, status of organization) -Replies from survey per category of stakeholders (Vendors and NGOs) ○ Stakeholders' panel according to AA1000 standard in February 2021 (around 13 stakeholders participated from Authorities, NGO, vendors)-virtual tour to the plant, presentation of mission sustainability 2025, sustainability development goals, stakeholders' matrix, introduction of plant's activities, sustainability and water stewardship areas, key goals and actions Responsible water sourcing, sustainability packaging and CO2 reduction were the main topics ▪ Stakeholders' engagement North BU (key topics	

				discussed: Optimization of the consumption of the washing and disinfection, in order to reduce the burden of sewage coming from the plant, support of local restoration project of the educational path along the local river, exchange of experience, etc.) Water challenges have been identified through the Water stewardship panel, meetings, announcement/ publications, communication letters with key stakeholders, surveys, etc.	
	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 (Scenario for flooding, leakages, etc.) ▪ IMCR Manual (last validation by Group and TCCC: 12 May 2021) ▪ Fire water management ENV-1-10 (handling and disposed of fire-fighting water) ▪ Mitigation plan ▪ SVA-SWPP Tylicz 2019 ▪ APA plan (risk assessment with consideration to the business) ▪ Instructions about flooding ▪ Instructions of how to manage water after fire, flood, spillages etc. ▪ The study for the fire-fighting system has been approved by the Fire Brigade. ▪ Leakage drill in September 2020-participants from Mining Department, WT, Production, Maintenance, Lab, Warehouse Secondary containers are used in all areas. The plant is equipped with an alarm providing the means to close the rain water collection drain in order to avoid discharge to the River. Potential for pollution is low given the above preventive measures.	

	1.3.2 Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped	YES		▪On-line monitoring of the wells ▪Water.xls (daily measurements of flow meters readings from all wells included re-used water from CIP, rinsing of bottles and after backwash of sand filters, energy meters' readings, quantity and type of water in the [redacted] storage tanks, type of water pumped for each production, waste water as total quantity, water stress index, discharged water flow rate and quantity, flow rate of the clean water discharged to the stream, maximum limit of flow rate and actual abstraction quantity per source, percentage of water used per source divided by maximum allowed, water balance map) ▪Kropla Beskidu water.xls (flow, water level, chemical components) ▪Kropla Delice water.xls ▪Daily water balance Total water quantity (aggregation of the measurements from the wells' flow meters) is compared with the total water sent to SF. The difference is evaluated-indication of potential leakages. If difference between incoming-outgoing water is more than [redacted] then an alarm notifies the operator. Technological water can be taken by sources [redacted] The percentage of actual usage in comparison to maximum permitted has been calculated (Average in 2020: [redacted] for Kropla Beskidu, [redacted] for Kropla Delice) The clean water discharged to the river is measured. Alarm is set in case the water level of a borehole drops beyond limit. The flow meters are calibrated every 5 years. No sensitive periods have been identified. The WSI is very low for every source.	
	1.3.3 Site water balance, inflows, losses, storage,	YES		See above.	

	and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.				
	1.3.4 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		▪Physic-chemical and micro biological analysis of sources by University of science and technology in Krakow AGH e.g. for water from [redacted] on 5.5.2021 and [redacted] (Kropla Beskidu) on 17.6.2021, for water from the Kropla Delice wells [redacted] and [redacted] on 2.6.2021, etc. Annual analysis in each well [redacted], separately, and every 3 years for the wells [redacted] ▪Weekly in-house analysis (micro and physic-chemical) at the wells and at the entrance to the plant ▪Public Water & Wastewater Company ([redacted]) website/ data regarding the quality of municipal water, 20.21.2021 No issues with water quality. ▪ analysis by PetroGeo lab: Twice per year of storm water, 4 times per year of process-sanitary water and 6 times per year of clean untreated water from the wells discharged to the stream (according to legal and KORE limits) Last reports: ✓ For sanitary and process wastewater (TN, TP, pH, free chlorine, BOD, COD, metals, HC, pesticides, etc.), nr LJ/2513/W/1299/21 A on 26.05.2021 (quarterly analysis) ✓ For storm water discharged to the Bradowiec (pH, oil and HC, temperature, total suspended solids), report nr LJ/732/W/344/21 on 24.2.2021	

				▪ For the water from the wells' pumping which is discharged to Bradowiec stream (pH, temperature, TSS, iron), nr LJ/ 2974/W/1597/21 on 15.06.2021 ▪ Discharge permit, issuance date: [redacted], valid till [redacted] (limits for the discharged quantities: [redacted]-a more stringent limit for TP has been set. The amount of effluent discharged is monitored in a daily basis. ▪ 2015_ENV-Z-001-10 (List of analysis results per year and respective limits) ▪ Main hydrological documentation for water resources in Tylicz region by University of Wroclaw (2007)– information about the characteristics of the Bradowiec river (flow, chemical components)-last one was elaborated in 2015 (flow, temperature, conductivity, CO2, pH) ▪ Information about river Kryniczanka stream (final destination of WWTP effluent)-flow at the area where the WWTP is located: 65 lt/s, length: 11 km and of Muszynka river (destination of Kryniczanka)-environmental inspection of the rivers in 2015 (biological and physic-chemical status: good) ▪ RBMP for Vistula River The water quality of surface and groundwater is good.	
	1.3.5 Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site	YES		▪ List of chemicals 2021 (type, name of chemicals, applications, classification, load (kg/y) of main pollutants and priority substances to the effluent and % of the substance to the chemical, type of pollution, final destination, usage quantity/ year, MSDS) ▪ Effluent analysis according to KORE requirements (there are some additional substances that have to be analysed as well) ▪ CCB/PR 26, Approval of chemicals and other materials (1.4.2016)	

				▪ List of approved chemicals in the plant ▪ Map with discharge points (parameters' limits, final destination)-process wastewater and rainwater ▪ Map with chemical used and stored (15.05.2017) ▪ Map for waste storage (15.05.2017) Potential sources of pollution have been identified and depicted in relevant maps.	
	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 IWRA on-site only near the site. See indicator 1.5.5.	
	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		▪ Top 10 water saving FY 2018 (percentage of implemented actions: [redacted] ▪ Top 10 water saving projects (dry lubrication, re-use of rinsing water, repair leaks, decrease of CIP times, etc.) ▪ Water reduction plan and targets setting program (30 projects were proposed-the plant is already implementing most of them-3 projects can be implemented e.g. optimization of SF process, full on-line monitoring of water, energy and gas per line and per equipment, recovery of rinsing water in the filler at the last step of CIP with estimated water saving: [redacted]. The project completed in 2018) [redacted]CAPEX 2018/2019: [redacted] ▪ Tylicz CAPEX BP 2020-2021 (filters relocation before filler→ elimination of micro issues and minimization of water use, purchase of new equipment (spectrophotometer) for minimization of chemicals' usage, upgrade of production monitoring system for the optimization of water and energy usage, etc.)→ The projects have been postponed for 2022.	

				▪ CAPEX 2021 (WT modernization, projected benefit: reduction of number [redacted]--> water, energy and chemicals saving is expected) ▪ OPEX 2021 ([redacted]-→ reduction of the amount of clean water discharged to the drain) –the project has been completed ▪ OPEX 2019 (costs for trainings, analysis, awards, activities to local community, etc.). ▪ True cost of water Tylicz 2020 ([redacted])- info about cost of chemicals used, water and energy fees, wastewater fees, etc. Budget has also been considered for the implementation of innovative internal projects and for the correction actions required for addressing audit findings. The progress of the projects is discussed during monthly meetings and the overall performance in the annual management review. A detailed record of the description/ quantification of the environmental/ social/ economic water-related value generated by the site is available.	
	1.3.8 Levels of access and adequacy of WASH at the site shall be identified.	YES		▪ Z-011-31 requirement for Visitors/Contractors/ emp. i Tylicz plant ▪ Polish Water Law, priority of underground water usage for human needs There aren't any issues regarding WASH in Poland. Access to safe water and hygiene is ensured by laws. Water used in the plant for sanitary purposes or in the canteen is treated and monitored according to the Sanitation Inspection. Relevant analysis is performed in order to ensure that the water is potable and safe to drink. ▪ Analysis report of the technological water used in the	

				canteen by [redacted], 15.4.2021 Additional measures are taken by the plant according to sector's (food industry), CCH and TCCC requirements.	
1.4 Gather data on the site's indirect water use, including: its primary inputs; the water use embedded in the production of those primary inputs the status of the waters at the origin of the inputs (where they can be identified); and water used in out-sourced water-related services.	1.4.1 The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.	YES		▪ Letters were sent to 15 of the main suppliers, 23.6.2020 (packaging, pre-forms, glass, spare parts, chemicals, WWTP etc.)-request of their environmental impact assessment, their water footprint, etc. 3 answers (from [redacted]) with disclosure of their water footprint (e.g. [redacted] ▪ Map of degree of water availability (from the Polish Hydrological institute) The vendors are mainly located in Vistula River Basin. **No supplier of primary inputs is located in Muszynka catchment.** No supplier is located in a stressed water river basin area. Based on an internet research, the plant has collected information about the water management of some suppliers. From the 2019 suppliers' evaluation (of all 3 plants), taking a sample of [redacted] suppliers, the results were: [redacted] have an environmental policy in place and [redacted] of them they are implementing an environmental system. ▪ Stakeholders v3 (name of stakeholder, country, description, river basin, EWS/ AWS certification, availability of water, degree of engagement based on interest, current/ potential degree of influence, vulnerable groups, water-related challenges and supporting evidence, additional info for vendors: water management, sustainability, index ▪ External water (water footprint of the main vendors) ▪ CCHBC annual environmental report, 17.2.2021 (embedded water of primary materials' suppliers	

				within or outside 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		Only 1 outsourced service is located in Muszynka catchment (municipal WWTP). The water footprint of the WWTP is zero. See also 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		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		▪ National Polish Water (Wody Polskie) website (tasks and activities realised) ▪ National project for monitoring of water ▪ Polish laws	
	1.5.2 Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.	YES		▪ Permit for [redacted] prot. [redacted], valid till [redacted] (max. Abstraction rate and max. Level) ▪ Concession for high mineralization water no. [redacted], [redacted] valid till [redacted] (max. abstraction rate for [redacted] has been determined)- area of protection: [redacted] ▪ Documentation for [redacted] (max. Abstraction rate and max. Water level) ▪ Permit for [redacted] valid till [redacted] (max. abstraction rate is determined) ▪ SVA-SWPP Tylicz 2019 ▪ Policy management of water resources for Tylicz ▪ Hydrological study by University of Wroclaw, 2006 The level of the sources' protection has been established based on experts' opinion and according to	

				State Government.	
	1.5.3 The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	YES		▪ Hydrological study of Tylicz area (water balance of underground and surface water, renewable capacity and availability of water per sub-area) No sensitive periods have been identified. The WSI is very low for every source.	
	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		▪ Map of underground water quality status by the Polish Geological Institution ▪ Analysis of water quality by the local District Authorities of Malopolskiego, 2017 (ecological and chemical status of stream Muszynka: good) ▪ EWS Tylicz HCV areas 25 km (2 are the IWRA in the catchment area: the stream Muszynka and the underground reservoir) The area is protected by law; no heavy industries or extensive agricultural activities are permitted. No pollution issues, water scarcity or flooding incidents (last recorded occurrence was an overflow of the river in 2010)	
	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	**Open OBS 0820APP03**	▪ Map with HCV areas (25 km radius from each source and discharge point) ▪ Impacts to Cover of Poprad landscape park (Natura 2000) by EKO CONSULT (2006)- proposed actions during pipelines' construction in MUSZYNKA area ▪ Study about the impacts to Cover of Poprad landscape park (Natura 2000) by HUGO company (2008)-proposed actions during pipelines' construction in WOJKOWA area ▪ HCV areas (name, protection goals, location, type of impact, parameters to control, status of IWRA)-3 identified as potential affected: Ostoja Propradzka-Natura 2000, national park Propad, cover of Propad landscape park, IWRA in the catchment have also	

				been identified. ▪ Environmental impact studies by an expert for the issuance of the concession (August 2016)-no impact on flora, fauna, climate, geology, underground and surface water, landscape park, people, Natura 2000 areas. ▪ EWS Tylicz HCV areas 25 Km (impacts to water-related ecosystem services, which are listed according to TEEB classification and actions)	
	1.5.6 Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.	YES		▪ Website of ZWIK (municipal WWTP and Water provider)→ information about Krynicy-Zdroju infrastructure ▪ SVA-SWPP Tylicz 2019	
	1.5.7 The adequacy of available WASH services within the catchment shall be identified.	YES		See indicator 1.3.8.	
	1.5.8 Advanced Indicator Efforts by the site to support and undertake catchment level water-related data collection shall be identified.	YES		Cooperation with Polish Geological Institute for the monitoring of water quantity in the area ▪ Every month, data is sent to the Institute regarding the level of static water [redacted] well (e.g. e-mail on 28.7.2021)	7
	1.5.9 Advanced Indicator The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified.	NO		----	--
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		See indicator 1.2.1. Shared water challenges: ➢ Management and protection of water resources ➢ Pro-ecological education in water protection ➢ Good wastewater quality ➢ Sharing experience and knowledge on water management	
	1.6.2 Initiatives to address shared water challenges	YES		See indicator 1.2.1.	

	shall be identified.			Examples of actions taken: ▪ GMP list for spring [redacted] and [redacted] (e.g. for period 1.1.2019-31.12.2019) ▪ Program for monitoring of the springs [redacted]- determination of frequency and parameters for analysis ▪ Clean-up and other activities in collaboration with stakeholders (see indicator 1.8.4.) ▪ Educational programmes for schools and other stakeholders (see indicator 1.8.1) ▪ Continuous collaboration with ZWIK (WWTP provider) ▪ Stakeholders' engagement North BU (key topics discussed: Optimization of the consumption of the washing and disinfection, in order to reduce the burden of sewage coming from the plant, support of local restoration project of the educational path along the local river, CIP washes and analysis, etc.)	
	1.6.3 Advanced Indicator Future water issues shall be identified, including anticipated impacts and trends	YES		▪ SVA-SWPP Tylicz 2019 Future potential issues in relation to water abstraction quantity and quality have been identified and are recorded in the SWPP mitigation plan.	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		See indicator 1.7.1.	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	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		▪ SVA-SWPP Tylicz 2019 ▪ Source water protection plan (% of water used from each well), water risk assessment (quantity, quality, environment, community, costs regulations, vulnerability) for water abstraction, water transportation, wastewater treatment	

water.				▪ Assessment of waste water-Points of discharge, sensitivity, level of protection of final destination, quantity, quality actions to ensure protection (rain water, water from the wells and from the municipal WWTP) ▪ Study from INTER EKO (1997)-impacts from exploitation of wells ▪ Study about the impact of exploitation on ground water in Tylicz area and on natural environment by a geologist and environmental specialist, May 2018 (not significant impact by plant's activities) ▪ Table 1,2,3 (impacts to water sources, environment and socio-economic, proposed actions) [redacted]Degree of RA of groundwater in hydrological study for e.g. [redacted] ▪ Environmental impact studies by an expert for the issuance of the concession (August 2016)-no impact on flora, fauna, climate, geology, underground and surface water, landscape park, people, Natura 2000 areas. ▪ Water Source protection plan (actions linked with risks, impacts) There aren't any significant impacts from abstraction as far as environmental or cultural aspects are concerned. ▪ Environmental Risk Assessment (impacts from municipal waste water, rainwater, clean discharged water, exploitation of water, water leakages, actions-procedures, positive aspects from re-use of water), last update: September 2020 ▪ Impact assessment of protected areas (type of pollution, destination, classification, actions)-Bradowiec river and Kryniczanka stream are protected areas ▪ Study prepared by an external specialist (1-12-2014)-requirements for WWTP, contract, analysis of effluent, information about receiving body, description of treatment facilities, environmental	

				goals and impacts to surface water bodies in accordance to RB authorities. ▪ Management review minutes of meeting, 16/2/2021	
	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		▪ Management review minutes of meeting, 16/2/2021 (follow-up of actions from previous review, review of business goals and KPI, discussion of water initiatives and justification of the reasons for not achieving the environmental targets, new projects, review of CAPEX projects status, etc.)	
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		▪ Management review minutes of meeting, 16/2/2021 ○ Water management training, organised by the CCH Group on 11 and 21/5/2021 (participants: BU Environmental Specialist, BU QSE Governance Manager) ○ Certificate of attendance of Regional Safety& Env. Protect. Senior Specialist in the environmental training organised by the Group in period 8-16.6.2021 ○ Water management training, organised by the CCH Group in July 2019, (participation by the Water Champion of the plant) ○ Refresh environmental trainings of employees and permanent subcontractors e.g. on 22-23/4/2021 ▪ Training material (e.g. impact to environment and community, mission 2025, WUR progress, water footprint, water goals and initiatives, environmental saving projects/ investments, achievements/ best practices, AWS management system, treatment of wastewater) ○ Database for innovation leader (employees are encouraged to think of an innovative idea, in relation to water saving) ○ Tool Box talks	

				○ Near losses program ○ Billboards with water performance status and other information ○ Labels for water and energy saving on toilets, windows, plugs (encouragement of employees to resources' saving) ○ We connect (information about Water Day) ○ Awards about best SP or best near losses are granted. ○ Tool box talks and refresh trainings in relation to environment ○ A Congress of Polish Beverage industry was held in Krynica in September 2018-visit of the plant and wells will take place (participants: industries in the food sector, Universities, customers, suppliers, Authorities) ○ Suppliers sustainability Day, 5.6.2018 ○ Visitors from schools (e.g. 100 children from kindergarten, in May 2019) ○ HORECA meetings (presentation of plant's wells and water management) and visits to the plant (e.g. on 16/5/2019, 40 participant) ○ Water day e.g. on 22.3.2020 (near losses contest for the employees) ○ Training of Mining Department on water exploitation, December 2019 ○ Tylicz plant QSE Days in October 2019 (AWS training of all involved people was included) Water governance best practices have been identified.	
	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		Recovered water from the rinser, filler, vacuum pump-re-circulated water, CIP, rinsing of the wells	

				[redacted] water saving from dry lubrication Recovered water from the cooling of bottles in KRONES line (close circuit):[redacted]. Total recovered water in 2020: [redacted] Near losses in 2020: [redacted]) and [redacted] of them concern water There isn't a need for increasing the quantity of reused water, as at this point, there aren't any areas where it can be used. The plant considered of giving it to the local community but the offer wasn't accepted. ▪ Near losses program ▪ BBE program (twice per month, a water audit in each line/ area is performed by the Shift Supervisors)- name of the Observer, area, observations, category ▪ Environmental & Safety.xls (environmental losses or potential environmental losses identified during BBE) ▪ CC Water saver (water balance, water costs calculation, water use opportunities for improvement)-e.g. the installation of spray nozzles for the rinsing is planted for Q1 2016, optimization of CIP process, etc. ▪ Top 10 water saving projects (dry lubrication, re-use of rinsing water, repair leaks, decrease of CIP times, etc.)- (percentage of implemented [redacted] ▪ Weknow/ Successful Practices (reporting of the applicability of the successful practices proposed by the Group) Successful practices_Tylicz (e.g. recovery of water from the last rinsing in CIP process, awareness campaign World Water Day) (description, actions, energy and water saving, complexity, speed to benefit, reduction of chemicals' use) ▪ Sharepoint/ innovation leader (person who proposed, area, problem, action proposed (improvement or	

				innovation), risk assessment according to quality, environment and H&S, savings and costs, timeframe)-status of accepted, realization, rejection or completed e.g. Water saving of product water in KRONES line There is an efficient process in place for the identification and implementation of best practices which are applicable to the company.	
	1.8.3 Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.	YES		▪ CCH and TCCC requirements ▪ Polish Water law Best practices for water quality are determined by legal or Group's requirements, which are more stringent. Regular monitoring of wastewater according to legal and KORE limits.	
	1.8.4 Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.	YES		▪ RBMP of Vistula River The plant has identified and implements best practices for the maintenance of IWRA, as indicated by the municipality. Funding of the following: ▪ "Influence of precipitation of recharge the deep aquifers of the Carpatian Flysh", study of University of Wroclaw ▪ "Predicting the changes for water resources influenced by climate change" study of University of Wroclaw ▪ In 2016 and in 2017, articles about the carbonated water springs in the area of Tylicz were published at the Geoscience Records, by the University of Wroclaw. In 2018, an article about fresh and therapeutic groundwater mixing model in Tylicz region was also published. ○ Donations to organisation Nasza Ziemia (International clean up the Baltic programme, planting	

				trees, chestnut protection, e.tc.) The funding stopped in 2020. ○ Collaboration with the Institute of employee volunteering and the UNEP Grid. ○ Monitoring of water level in the piezometric wells (collaboration with the national Geological Institute) ○ On 10/5/2019, environmental training in cooperation with FENIX Recycling company, release of 2000 trouts to the river Muszynka by the National Fishing Association, competitions, lectures and workshops for children by the National Forest and Fishing Organizations, etc. (90 participants from local schools, more than 75 employees, participants from National Forest and Fishing Associations ○ Cooperation with Krynicy-Zdroju and with Muszynka community for the restoration of public springs (renovation of special info boards, weekly monitoring of the [redacted] springs' quality, e.tc.) ○ In September 2020, cleaning of river Biala and release of trouts (participants: employees and local people included children and local Authorities e.g. from the city of Grybowa) ○ Celebration of Earth Day on 28.4.2021- release of 4000 trouts to the river Muszynka by the National Fishing Association. ○ Clean-up activities (April 2021) in the Muszynka river by the employees of the plant (1500 kg of waste was collected) ○ Volunteering program with NGO's- construction of a bicycle path around the company's wells, info boards about the water, etc. (planned for the summer 2021)	
	1.8.5 Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.			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		▪ Policy management of water resources for Tylicz signed by the Plant Manager (commitment to sustainable management of water resources, promotion of activities related to protection and reduction of water consumption, use of water in respect of local community's needs, treatment of effluent water according to legal requirements, reduction of the risks associated with consumption, development of suppliers awareness, involvement of public and increase of their awareness in water resources, initiation of local partnership programs, provision of emergency water supplies in communities affected by disasters, cooperation with key institutions responsible for water management, provision of transparent information on water resources) The policy is posted in the plant so as to be visible to the employees, contractors and visitors and is also available at the company's website. ▪ CC HBC Water Stewardship Policy (posted in the CCH website)	
	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 Mining Department Supervisor, in cooperation with the Regional HSE Specialist, is responsible for the compliance with legal requirements in relation to water. <u>Sources of new legislation:</u> ▪ External company [redacted] for new or forthcoming legislation ▪ Database for Kropla Beskidu (permits and annual check of their expiry date) ▪ Database for Kropla Delice	

				Legal audits are conducted by [redacted] for the assessment of legal compliance. Last legal evaluation in May 2021 ▪ OP-TYL/022 Local procedure for overview of management system ▪ Legal Database (Esqula) ▪ Annual management review meeting of Tylicz team, 16/2/2021 (status of legal compliance)	
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		See indicator 2.1.1.	
	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 target calculator (actions for optimization of the index)-water consumption per process, WUR, 2017-2020 variance, actions WUR 2016: [redacted] with target [redacted] WUR 2017: [redacted] and respective target: [redacted] WUR 2018: [redacted] with target: [redacted] (water for CHP plant was included) WUR (2019): [redacted] with annual target: [redacted] WUR (2020): [redacted] with annual target: [redacted] WUR (YTD 2021): [redacted] with annual target: [redacted] More projects are under way for further improvement of WUR. See also indicator 1.3.7 and 1.7.2.	
	2.3.3 Advanced Indicator The site's partnership/water stewardship activities with other sites within the same catchment (which may or may not be under the same organisational ownership) shall be identified and described.	NO		--	--

	2.3.4 Advanced Indicator The site's partnership/water stewardship activities with other sites in another catchment(s) (either under same corporate structure or with another corporate site) shall be identified.	YES		○ Cleaning activities in 2020 and 2021 (as part of the clean-up program of CCH Poland & Baltics plants, for the celebration of Water Day)	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 and resilience to respond to water risks	2.4.1 A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.	YES		▪ SVA-SWPP Tylicz 2019 (mitigation plan)	
	2.4.2 Advanced Indicator A plan to mitigate or adapt to water risks associated with climate change projections developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.	NO		--	--
STEP 3 IMPLEMENT					
3.1 Implement plan to participate positively in catchment governance.	3.1.1 Evidence that the site has supported good catchment governance shall be identified.	YES		See indicator 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		Water rights are covered by Polish laws.	
	3.1.3 Advanced Indicator Evidence of improvements in water governance capacity from a site-selected baseline date shall be identified.	YES		▪ Wells' tours since 2014 Increase of the number of tours to plant's stakeholders (schools, clients, auditors, etc.)-presentation of water resources' management Limited persons visited the wells in 2020-2021 due to COVID-19 restrictions.	2
	3.1.4 Advanced Indicator Evidence from a representative range of stakeholders showing consensus that the site is	NO		----	

	seen as positively contributing to the good water governance of the catchment shall be identified.				
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		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		Although water scarcity isn't a shared water challenge, actions are taken by the plant for water minimization. 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		▪ Permit with [redacted], valid till [redacted] (the plant is permitted to return water to nature)-Annual limit: [redacted] No obligation for the re-allocation of the water. The company has requested the permission to return the clean, untreated water to the nature.	
	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		▪ Official report sent quarterly to National Water of Poland and twice per year to the Environmental Inspection (last report: 2/7/2021) about abstracted water from the wells and water returned to the river In 2020, water returned to the nature: [redacted]	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		The water and wastewater quality parameters are defined by the law, the TCCC, the Label and the WWTP provider. The plant's target is to comply with applicable requirements. No additional targets have	

				been set as no water/ wastewater risk has been identified. Regarding the performance of the plant, in overall all parameters are complied with. In April 2020, there was a slight excess of one of wastewater parameters (Phosphorus) ([redacted] lt with respective limit of municipal WWTP: [redacted]). The main reason was the new, more stringent requirements imposed by the WWTP provider. Actions have been taken for the mitigation of the problem and for the prevention of a future occurrence. Based on latest analysis report the issue has been resolved. ▪ QSE Database (plan of corrective actions on 30.6.2020: optimization of dosage, 30.7.2020: monitor of wastewater quality, further analysis of P and 31.12.2020: [redacted] h sample analysis) ▪ ENV-Z-001-10 (Database with wastewater analysis results) ▪ Letter to municipal authorities in June 2020 regarding the issue with the phosphorous (disclosure of relevant analysis by Petrogeo lab)	
	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		Plant's effluent complies with legal requirements. Additionally, it complies with the more stringent requirements of the WWTP provider (e.g. for phosphorus). See also indicator 3.4.1.	
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 has been identified so there isn't any need for action.	
	3.5.2 Advanced Indicator Evidence of completed restoration of non-functioning or severely degraded Important	NO		----	--

	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. Employees have access to safe water, toilets, showers and hygienic areas for food and drink consumption.	
	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 indicators1.3.8 and 1.6.2. There isn't any negative evidence regarding violation of human rights. On the contrary, the plant cooperates with Krynica-Zdrój community for the restoration of public springs.	
	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		No need to set targets for indirect water use targets as the vendors of primary goods aren't located in the same catchment. As far as the outsourced activities are concerned, only the municipal WWTP is located in the catchment.	--
	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		See indicator 1.2.1	
	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		▪ SVA-SWPP Tylicz 2019 (mitigation plan) Actions mentioned have been implemented or are on-going. Relevant authorities are informed about water issues.	
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		Actions mentioned in indicator 1.8.1 have been implemented or/ and are performed at regular intervals.	
	3.9.2 Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.	YES		Actions mentioned in indicator 1.8.2 have been implemented or/ and are performed at regular intervals.	

	3.9.3 Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.	YES		▪ Twice per year analysis of storm water, 4 times per year analysis of process-sanitary water and 6 times per year of clean untreated water from the wells discharged to the stream by PetroGeo lab The practices mentioned in indicator 1.8.3 are implemented and their performance is monitored.	
	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		Actions mentioned in indicator 1.8.4 have been implemented or/ and are performed at regular intervals.	
	3.9.5 Actions towards achieving best practice related to targets in terms of WASH shall be implemented.	YES		Actions mentioned in indicator 1.3.8 have been implemented or/ and are performed at regular intervals.	
	3.9.6 Advanced Indicator Achievement of identified best practice related to targets in terms of good water governance shall be quantified.	YES		See indicators 1.8.1 and 3.1.3.	8
	3.9.7 Advanced Indicator Achievement of identified best practice related to targets in terms of sustainable water balance shall be quantified.	YES		See indicator 1.8.2. KPI/ targets are set in most projects.	8
	3.9.8 Advanced Indicator Achievement of identified best practices related to targets in terms of water quality shall be quantified.	YES		Re- use of water in the production→ saving of higher quality of water and minimization of water treatment. See also indicator 1.8.2. ▪ OPEX 2021 ([redacted]→ saving of larger amount of recovered water thus saving of higher quality of raw water that would have been used instead) –the project has been completed	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 1.8.4.	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		○ WeKnow Database/ SP/QW/LL ○ Newsletters (e.g. tips for water saving at home) ○ Sustainability Day ○ Visitors from schools (e.g. 100 children from kindergarten, in May 2019) ○ HORECA meetings (presentation of plant's wells and water management) and visits to the plant (e.g. on 16/5/2019, 40 participant) ○ Water stewardship panel in February 2021	3
	3.9.12 Advanced Indicator A list of collective action efforts, including the organizations involved, positions of responsible persons of other entities involved, and a description of the role played by the site shall be identified.	YES		See indicator 1.8.4.	10
	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.	YES		2017 – Water Day, Water education & visit in the plant - organized for children from local schools (one stakeholder involved), around 20 children participated 2018 – Water Day, Water education & visit in the plant - organized for children from local schools (one stakeholder involved), around 60 children participated 2019 – Water Day, Water education for employees and children from local schools, water activities, visit in the plant, release of trouts to the Muszynka River (5 stakeholders involved), around 100 children participated. Positive feedback regarding the schools' visits was reported in the website of the Educational Centre in Tylicz.	7
STEP 4 EVALUATE					
4.1 Evaluate the site's performance in light of its actions and targets from its water	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		The performance of the KPI/ projects is discussed during the daily, weekly, monthly and annual meetings in plant and BU level.	

stewardship plan and demonstrate its contribution to achieving water stewardship outcomes.				See indicators 2.3.2 and 1.3.7.	
	4.1.2 Value creation resulting from the water stewardship plan shall be evaluated.	YES		See indicator 1.3.7.	
	4.1.3 The shared value benefits in the catchment shall be identified and where applicable, quantified.	YES		See 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 1.3.7. ▪ Management review minutes of meeting, 16/2/2021 (review of business goals and KPI, discussion of water initiatives and justification of the reasons for not achieving the environmental targets, new projects, review of CAPEX projects status, AWS training results, etc.) The Plant manager participates in management review meetings.	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 incidents have occurred. There is an efficient procedure in place, in case of an incident. See also indicator 1.3.1.	
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		- Water stewardship panel in February 2021 -AWS survey -Eco investor award two years in a row (2018, 2019) -World water Day -Suppliers Sustainability Day	

				-2 days workshop [redacted] for CIP and COP Optimization in December 2019 (proposals from [redacted] for optimization of water and chemicals' usage) - Communication with local authorities and the municipal WWTP in terms of good water/ wastewater quality preservation e.g. on meeting with [redacted] on 16.10.2019 for discussion the wastewater limits, meeting [redacted] on 21.10.2019 for water and wastewater topics, meeting with Mining Department in 2018, together with other companies, regarding the water exploitation of the area Letters to vendors-→ invitation for their engagement to water management Reply by [redacted] company (production equipment) on 25.6.2020-→ positive feedback regarding plant's efforts to protect the regional natural resources ▪ Website of Krynica-Zdrój community (publication of actions like the cleaning of Muszynka stream in September 2019) ▪ Website of Education Centre (Public Library) in Tylicz: Educational programmes for schools e.g. in 2019-→Positive feedback by the participants ▪ Audit reports from the inspection of the plant by Wody Polskie, local authorities of Nowosądeckie District, Mining Department e.g. in 2019-→ positive outcome Due to COVID-19 restrictions, all meetings, visits, etc. have been cancelled. No complaints by neighbours or local community. See also indicator 1.8.1. and 1.8.4	
	4.3.2 Advanced Indicator The site's efforts to address shared water challenges shall be evaluated by stakeholders. This	NO		----	--

	shall include stakeholder reviewing of the site's efforts across all five outcome areas, and their suggestions for continual improvement.				
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		▪ Management review minutes of meeting, 16/2/2021 (review of business goals and KPI, discussion of water initiatives and justification of the reasons for not achieving the environmental targets, new projects, review of CAPEX projects status, AWS training results, etc.) The progress of KPI, targets and projects is discussed during monthly meetings and at the annual management review. When necessary, the water stewardship plan is modified accordingly.	
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		▪ Group procedure 'Water use reduction plan and site specific WUR target setting process'-according to this procedure a dedicated Water Team should be held <u>Responsible persons for the implementation of the WRMS:</u> EWS Team Leader with the cooperation of the Mining Department and the Environmental Coordinator. The Plant Manager is responsible for the communication with Authorities. ▪ CSR report 2019	
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.			▪Quarterly reports to National/ Regional authorities regarding abstracted water, rainwater and effluent analysis ▪CSR reports	
5.3 Disclose annual site water stewardship summary, including the relevant information about the	5.3.1 A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.			▪ Integrated CCH CSR report ▪ Polish CSR Forum (Near losses program, EWS certification, etc. were published)	

site's annual water stewardship performance and results against the site's targets.				▪ CSR report 2019 (goals in water management, water consumption and saving in 2019, water discharged in 2019, achievements, 2025 targets, volunteering programs, materiality matrix) ▪ Draft CSR report 2020 (updated information on water management, including the AWS certification) A CSR report is elaborated every year and is communicated via the company's website.	
	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		▪ Website of Krynica-Zdrój community (reporting of actions like the cleaning of Muszynka stream in September 2019, cooperation during COVID-19 time, etc.) ▪ Website of Wody Polskie (announcement of activities in cooperation with the plant) ▪ Website of Education Centre (Public Library) in Tylicz: Educational programmes for schools e.g. in 2019-→Positive feedback by the participants ▪ Atlas of mineral water distributed to hotels ○ Water stewardship panel in February 2021 ▪ Website/ social media/ newsletters See also indicator 1.8.1 and 1.8.4	
	5.4.2 Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.	YES		See indicators 1.8.1, 1.8.4 and 4.3.1.	
5.5. Communicate transparency in water-related	5.5.1 Any site water-related compliance violations and associated corrections shall be disclosed.	YES		▪Quarterly reports to National/ Regional authorities regarding abstracted water and effluent analysis	

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.				Issues with water/ wastewater are discussed with relevant Authorities and status of actions and results are disclosed. There were no water-related violations in the period 2020-2021. See also indicator 3.4.1.	
	5.5.2 Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.	YES		See also indicator 3.4.1.	
	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		No such an incident has occurred. There is an efficient procedure in place, in case of an incident. See also indicators 3.4.1 and 5.3.1.	

4. Stakeholder interviews

An announcement was made by LR 30 days before the audit but no request has been submitted to the audit team.
Additionally, an e-mail has been sent to key, water-related, stakeholders of the plant requesting feedback on its water management system. One answer has been received, by one of their suppliers. Positive feedback regarding plant's contribution to the water management of the catchment.
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, OPEN, CLOSED)					

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

	LIST OF OBSERVATIONS				
Status	**Description of the Finding**	**Proposed corrective action & root cause analysis & timeframe**	**CAP review**	**Reference Number & Date of Issue**	**AWS Indicator**
Closed	1. Further effort to engage and include in the consultation process more stakeholders with focus to water management is required. 2. The relevant procedure needs to be updated, in order to capture the requirements of AWS standard.	7/7/2021 1. The company organised a Water Stewardship Panel, where all water-related stakeholders were invited. Moreover, an online questionnaire was also sent, in order to obtain feedback regarding stakeholders' water challenges, their opinion on the company's water management and the means for supporting them. 2. The Water Stewardship Panel will be conducted in an annual basis, as confirmed by the SMT (Senior Management Team). Conduction of the Dialogue is assigned to the External Affairs& CSR Manager and is included in annual agenda.		0820APP01, August 2020	1.2.1
Closed	The water footprint of the laundry service (local outsourced activity) and of the chemical supplier (different catchment area) wasn't available. The plant should determine, if applicable relevant target (e.g. cooperate with a more efficient company), when necessary data is available.	8/7/2021 E-mail was sent to the laundry but without response. In 2021, the laundry company changed. The new one isn't located in the same catchment. Regarding chemicals, the main supplier is Ecolab (0.6% of the business). The water footprint of the supplier was provided and the respective embedded water has been calculated.		0820APP02, August 2020	1.4.2/ 3.7.1

	LIST OF OBSERVATIONS				
Status	**Description of the Finding**	**Proposed corrective action & root cause analysis & timeframe**	**CAP review**	**Reference Number & Date of Issue**	**AWS Indicator**
Open	1. A note, regarding the status of the IWRA identified, as stated in the relevant documentation of the Polish Geological Institution should be added in the relevant file (HCV areas) 2. Additional info, through stakeholder engagement, should also be requested.	7/7/2021 1. The status of the IWRA is included in the file. 2. No such information was requested during the Water stewardship panel. **Remains open.**		0820APP03, August 2020	1.5.5
Closed	The **Management of water resources policy for Tylicz plant** has the signature of the previous Plant manager and isn't available at the official website of the company.	7/7/2021 The policy is available on the company's website (26.11.2020) for all 3 plants.		0820APP04, August 2020	2.1.1
New	At the next panel, the company is advised to ask its stakeholders more specific questions in relation to water (e.g. status of IWRA, opinion on the plant's performance regarding water management, etc.)			0721APP01, July 2021	1.2.1

6. Next visit details

Visit type	SV2				
Audit days	1.5	**Due date**	8/2022	**Visit start / end dates**	
Locations	8 Wolnosci St 33-383 (Krynica-Zd roj), Tylicz, Poland				
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-000265

PLATINUM AWS LOGO TO BE INSERTED HERE

Issued to

COCA COLA HBC POLAND sp. z o.o.
Tylicz plant: ul. Wolności 8, 33-383 Tylicz

Standard

Alliance for Water Stewardship Standard Version 2.0/ 22.03.2019

Date of certification: 20/08/2021 (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	Muszynka river catchment/ 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 Platinum Certification Level demonstrates that the operator complies with all core indicators and additional points have been awarded for performance against the advanced criteria (AWS Platinum: 80 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: 20/08/2024
Period of validity: 3 years
Issued by: HELLENIC LLOYD'S S.A.
Place and date of issue: 20/08/2021 [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".