

Alliance for Water Stewardship Assessment Report Prepared for Philip Morris ČR a.s.

Prepared by: SGS SGS Ref.: 20210930 Version: 2 Date: 22nd October 2021

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WHEN YOU NEED TO BE SURE

REPORT DETAILS

REFERENCE	20210930
CERTIFICATE No	SGS2021_AWS0015
REPORT TITLE	ALLIANCE FOR WATER STEWARDSHIP ASSESSMENT REPORT
DATE SUBMITTED:	22 nd October 2021
CLIENT:	Philip Morris ČR a.s. Vítězná 1, 284 03 Kutná Hora, Czech Republic <u>Pavlina.Pupikova@pmi.com</u> <u>www.pmi.com</u>
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STATUS	FINAL
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1 EXECUTIVE SUMMARY

The scope of services covers the conformity assessment in compliance with the AWS International Water Stewardship Standard Standard Version 2.0 for Philip Morris ČR a.s. (hereinafter referred to as PM ČR) located in Kutná Hora, Czech Republic.

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

Philip Morris ČR, a.s. is the subsidiary of Philip Morris International and the largest producer and seller of tobacco products in the Czech Republic. The Philip Morris ČR a.s. company was established in 1992, and is based in Kutná Hora. Since August 2002, the management of the company has been located in Prague on Karlovo náměstí, where now the Marketing, Finance, Sales and Distribution, Information Technologies, Human Resources, and Public Relations departments are located.

From 30th September till 1st October 2021, SGS Poland with SGS Czech Republic support (hereinafter reffered to as "SGS") conducted the conformity assessment for site's facilities and activities with regard to certification to the AWS Standard on-site. A total of two findings were raised during the course of the audit process, and they were all categorized as observations.

Given the document review undertaken, verification of evidence and site visit inspections performed by Lead Auditor, SGS recommends that Philip Morris ČR a.s. in Kutná Hora is awarded AWS Core Certified status with a surveillance audit interval of annual frequency.

2 SCOPE OF ASSESSMENT

The scope of services covers the conformity assessment in compliance with the AWS International Water Stewardship Standard Version 2.0 for Philip Morris ČR a.s. (hereinafter referred to as PM ČR) located in Kutná Hora.

The assessment was conducted during 2 days on-site, from 30th September 2021, with a team of a Lead Auditor AWS from SGS Poland (Gabriela Procyk) and 1 Local Expert and Interpreter from SGS Czech Republic (Radka Pusova), and 1 day off-site (preliminary review and local expert review). The geographical scope has been only the PM ČR Factory, located at Vítězná 1, 284 03 Kutná Hora in Czech Republic. PM ČR catchment area includes catchment of the Vrchlice River and the Vrchlice Reservoir.

The audit interviews were held at PM ČR over two days presencially, following the safety rules due to the COVID-19 outbreak, including interviews to below stakeholders:

- Vice Mayor of the City Kutna Hora, Ms. Silvia Dousova
- IFMS PMCR, Mr. Jan Zoul
- PST CLC Logistics, Mr. Igor Stas
- Trade Unions, Mr. Radek Liska
- Aramark, Ms. Iveta Kleinova
- ISS International Czech Republic, Mr. Radek Michalicka

and performing a visit to the factory. PM ČR provided the requested supporting documentation as evidence whilst on site and remotely. SGS provided feedback on observations and findings raised during the closing meeting of the audit on the 1st October 2021 at the PM ČR Factory.

3 STAKEHOLDER ANNOUNCEMENT AND CONSULTATION

Following the AWS Certification Requirements, before the on-site conformity assessment, SGS prepared a stakeholder announcement on 31st August 2021, which stated PM ČR intention to pursue AWS certification. Besides submitting to AWS for publication on the AWS website, the stakeholder announcement was also displayed on the PM ČR website, PM ČR Facebook and PM ČR EnviCorner.

SGS received no feedback information since the release of the stakeholder announcement.

A stakeholder consultation meeting was held in person and by phone on 30th September and 1st October 2021. Personnel interviewed during Stakeholder Consultation Meeting was from companies and institutions listed below:

- Vice Mayor of the City Kutna Hora, Ms. Silvia Dousova
- IFMS PMCR, Supervisor, Mr. Jan Zoul
- PST CLC Logistics, Key Client Manager, Mr. Igor Stas
- Trade Unions, Mr. Radek Liska
- Aramark, Ms. Iveta Kleinova
- ISS International Czech Republic, Key Account Manager, Mr. Radek Michalicka

All stakeholders during this interview answered on questions about their contact with PM ČR, risk and opportunities related to water and chances that they see because of cooperation with PM ČR in water management area.

4 DESCRIPTION OF CATCHMENT

PM ČR catchment area has been identified, in more detail, as an area covering a territory between Vrchlice River and Vrchlice Reservoir. The catchment area also identifies the territory on which the site is reliant upon for water and that could be influenced either direct or indirectly by the site's activity.

PM ČR receives water from Vrchlice Reservoir which is purified and supplied by the municipal company – Vodohospodářská společnost Vrchlice – Maleč, a.s..

PM ČR also has 6 water wells. Water from 2 of them is used to irrigate green areas and water from one of them is pumped into the Vrchlice River to equalize the groundwater level. The rest of the water wells are not used.

In terms of the wastewater, it is also managed by municipal company – Vodohospodářská společnost Vrchlice – Maleč, a.s. and discharged to the municipal sewage system and then to the municipal wastewater treatment plant. The final receiver is Vrchlice River.

The rainwater is discharged directly into the Vrchlice River, and about 5% of the rainwater is discharged with the process wastewater to the municipal wastewater treatment plant.



Figure 2: PM ČR catchment area

5 SUMMARY OF SHARED WATER CHALLENGES

PM ČR identified shared water challenges which are listed below.

Table 1 Shared water challenges

Challenges/Opportunities	Goal	Action	Benefit	AWS Outcomes	Status	Value generated by the site
		GAP Assesment	Go thru the preassessment to know nonconfirmities and close the GAPs.	All	Done	Social, Environmental, Economical
Improve water management in Kutna Hora factory thru application the AWS	Get the certificate in 2021	Fullfill all the requirements and go thru the audit.	AWS certification for our factory - duty to fullfill the all requirement for good water management.	All	Done	Social, Environmental, Economical
Standard AWS I	AWS Level 2 Training	Go thru the webinars, learning and test and gain the Step 2 card - Level 2 (Specialist).	AWS Specialist in place - better water management for the factory.	All	Prepared	Social, Environmental, Economical
Establish a leadership commitment on water stewardship	Define AWS policy and commitment; communicate internally	Prepare a local AWS commitment and include AWS requirement in EHS policy; get them signed by Kutna Hora Manufacturing Director (Piotr Cerek)	Created water stewardship commitment on water stewardship, rules need to be followed.	All	Done	Social, Environmental, Economical
		Create the local AWS Team and define the responsibilities	Create the AWS team and Inform them about the requirements of the standard, the benefits deriving from its implementation and actions to be followed	All	Done	Social, Environmental, Economical
		Presentation for factory management	Inform Operations management team about the requirements of the standard, the benefits deriving from its implementation and actions to be followed	Good water governance	Done	Social, Environmental, Economical

Challenges/Opportunities	Goal	Action	Benefit	AWS Outcomes	Status	Value generated by the site
		Inform Ops employees about AWS certification	Inform Ops employees that AWS Certification is one of the Site's Goals for 2021 and raise employees'awareness on AWS	Good water governance	Done	Social, Environmental
		Inforn Czech Market employees about AWS certification	Inform Market employees that AWS Certification is one of the Site's Goals for 2021 and raise employees'awareness on AWS	Good water governance	Done	Social, Environmental
	Envicorner instalation	New type of the internal communication with our employees in Kutna Hora factory.	New informational channel.	Good water governance	Done	Social, Environmental, Economical
	Internal reporting (PMS)	Regular monthly PMI reporting of water consumption.	Good water management and KPI mapping.	Good water governance	Ongoing	Environmental
	Envi Program	Regular meeting of employees from different departments (from factory). Environmental initiatives.	Good water management and KPI mapping.	All	Ongoing	Social, Environmental, Economical
Reduce water consumption and manage water quality in	90days plan, EHS Pillar	Regular EHS meeting. EHS initiatives, project, KPIs.	Good water management and KPI mapping.	All	Ongoing	Social, Environmental, Economical
Kutna Hora factory ; Improve water balance and governance	ISPOP reporting	Regular annual reporting of well water consumption.	Requirement by the czech law.	Good water governance, Good warer quality status	Done	Environmental
	Instalation of automatic waching machines in secondary	Instalation of three automatic washing machines for cleaning of parts of machines in secondary.	Reduction of water consumption, less working hours for employees, cost saving.	Good water governance	Done	Environmental, Economical
	Water piping network mapping update	Detailed map of water piping in site.	Better internal water mapping/reporting	Good water governance	Ongoing	Environmental, Economical

Challenges/Opportunities	Goal	Action	Benefit	AWS Outcomes	Status	Value generated by the site
	Water consumption reporting update	More detailed watermeter reporting in site.	Better internal water mapping/reporting	Good water governance	Ongoing	Environmental, Economical
	New water management (AWS) guideline placed	Implementation of an updated guideline.	More dateiled PMI guideline, including AWS standards and requirements.	Good water governance	Ongoing	Social, Environmental, Economical
	Planned maintenance	Sevices, quality measurements, etc.	Good state of wate and piping network.	Good water governance	Done	Environmental, Economical
	Municipal water fees	Water in & Waste water fees to Water provider	Regular fees for water in and out to water provider.	Good water governance	Done	Economical
	Catchment water quality mapping	Investigation about water quality in the Vrhlice river. Discuss the data with water supplier/water management, mapped periodicaly data in public sources (websites).	Water quality of whole catchment under the control.	Good warer quality status	Ongoing	Environmental, Economical
		Sustainability report	Annual report from all departments	Good water governance	Done	Social, Environmental, Economical
Contribute to the		Water report 2020	Increased awareness of proper management of resources, and on water scarcity problems, water risks and actions taken by Kutna Hora to address them	Good water governance	Ongoing	Social, Environmental, Economical
environmental awareness of internal staff and community (external stakeholders)	Communications & Environmental campaigns related to water	World Water Day Awareness Message	Raise awareness about global/local water concerns	Good water governance	Ongoing	Social, Environmental
		Identify all water concerned stakeholders; and communicate them on catchment area water problems and risks; meet regular to discuss and find	Increased awareness of proper management of resources, and on water scarcity problems, water risks Reduce reputational risk	All	Done	Social, Environmental

Challenges/Opportunities	Goal	Action	Benefit	AWS Outcomes	Status	Value generated by the site
		opportunities to improve sustainable water management within catchment.				
		Plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified	Water risks for whole catchment under the control, shared water related opportunities, sharing best practice.	All	Ongoing	Social, Environmental, Economical
		Provide every employee with surgical masks and hand desinfection. Remote working for all positions where it is eligible. Perform temperature check before entering the premises.	To prevent the spread of Covid-19 within premises	Safe water, Sanitation and hygiene for all (WASH)	Ongoing	Social
Contribute to prevention of spread of Covid-19 within the	Prevent the spread of Covid-19 due to pure hygiene conditions in our premises	Regular Antigen testing of all empoyees and contractors entering our premises.	To prevent the spread of Covid-19 (not only) within premises	Safe water, Sanitation and hygiene for all (WASH)	Ongoing	Social
premises. Provide support to the already stressed Czech Healthcare system		Deeper cleaning and sanitation of all PM premises (over regular cleaning).	To prevent the spread of Covid-19 overall	Safe water, Sanitation and hygiene for all (WASH)	Ongoing	Social
		Covid-19 Minimum requirements for employees and contractors/3rd parties	To prevent the spread of Covid-19 overall	Safe water, Sanitation and hygiene for all (WASH)	Ongoing	Social
	Assist the Czech Healthcare system in the fight against Covid-19	Donation of 200,000 face masks + 1,380 liters of disinfection to CZ cities and nonprofit organizations all over the country	To prevent the spread of Covid-19 overall	Safe water, Sanitation and hygiene for all (WASH)	Ongoing	Social

Challenges/Opportunities	Goal	Action	Benefit	AWS Outcomes	Status	Value generated by the site
		Monetary gift for a total of 12 hospitals throughout the Czech Republic (to buy protective equipment, devices, lung ventilators, etc. AND Purchase of 5 ozone generators for ambulance cars	To prevent the spread of Covid-19 overall	Safe water, Sanitation and hygiene for all (WASH)	Done	Social
To support communities to overcome the dificulties arised by COVID-19 pandemic	The kind of support to the seniors in the time of the worldwide pandemic COVID-19. Philip Morris ČR provides the tablets for the group of people threatened by the loneliness, elderly, which are in the retirement homes without the personal contact with their families in the time of pandemic. As the visits are/were forbidden.	"Tablet from a Heart" donation of 900 digital tablets with internet connection to retirement homes	To relieve a difficult situation	Safe water, Sanitation and hygiene for all (WASH)	Ongoing	Social
pandemic	To support medical staff and to appreciate efforts and commitment	Matching Member-gets- Member reward donation to a good cause (CZK 1 mio to Czech Association of Nurses)	To relieve a difficult situation	Safe water, Sanitation and hygiene for all (WASH)	Done	Social
	To relieve a difficult situation of families in difficult social and economic situation	1,550 portions of lunch cooked in our factory restaurant for families in difficult social and economic situation	To relieve a difficult situation	Safe water, Sanitation and hygiene for all (WASH)	Done	Social
Water/Environmental related Projects/Donations	World Cleanup Day 2020	Voluntary event for employees and their families - cleaning up of treir neigborhoods. In 2020	Employee involvement for better nature.	Good water governance Good water quality status	Done	Social

Challenges/Opportunities	Goal	Action	Benefit	AWS Outcomes	Status	Value generated by the site
		just in individual base (due to Covid).				
	World Cleanup Day 2021	Voluntary event for employees and their families - cleaning up of river Vrchlice basin and Lorec pond in Kutna Hora.	Employee involvement for better nature.	Good water governance Good water quality status	Done	Social
	Anti-litter Campaign "World is not ashtray"	Creation of "World is not ashtray" website which should help an adult smokers to understand what happens the cigarret waste in nature.	Educational campaign for adult smokers.	Good water governance	Ongoing	Social, Environmental
	Glutton vacuum cleaners	Donation of two special vacuum cleaners for Kutna Hora and Caslav cities for better cleaning of the town.	Cleaner town.	Good water governance Good water quality status	Done	Social, Environmental
	"Where to put it?" App	Monetary donation for special app developement. "Where to put it?" Is a non- profit project of NGO Let's Clean Up the Czechia. It offers quick and easy to find locations near you where you can legally "get rid of" unwanted goods and waste.	Better waste management for whole Czech Republic.	Good water governance	Ongoing	Social, Environmental
	"Journey to Education with "The Well" Project "	The educational project focuses on three areas: 1) Improving knowledge and skills in PLC programming (Programmable Logic Controller)., 2) Environment - the use of renewable resources (solar energy) and water management, 3)	Education of children.	Good water governance	Ongoing	Social, Environmental

Challenges/Opportunities	Goal	Action	Benefit	AWS Outcomes	Status	Value generated by the site
		Strengthening students' relationship to history and historical places around them.				
	"Meaningful Garden", "POD HORAMI in terrain", "Community Garden", "Community Garden II"	Ecological and regional education for children, which is offered to kindergartens, primary schools and secondary schools. Pupils and students can learn to care for the land, grow crops and harvest them, the importance of caring for land, plants and water.	Education of children.	Good water governance	Ongoing	Social, Environmental

6 INDICATORS CHECKLIST

As per the requirement set out in the AWS certification requirements it was prepared a checklist of all the CORE AWS indicators with the relevant reviewed evidence provided by PM ČR and the indicator with which it is associated. The checklist was aligned to the clauses / indicators of the AWS standard Version 2.0.

Table 2 Evidence reviewed by SGS against each CORE AWS indicator

Clause	Details	Yes	No	Comments/Evidence
1	GATHER AND UNDERSTAND			
1.1				be for water stewardship purposes, including: its operational boundaries; the water sources from which the s 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; 			Within the framework the AWS Policy, the company defined as the scope of the public commitment to respect AWS "the area under its control/influence". PM ČR's boundaries delimitate the entire area over which the site has control and includes the built area as well as the green lands associated to the facility. The site boundary map is presented below.
	- Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies;			PM ČR 's receives water from: - 2 wells (only to irrigate green areas)

Clause	Details	Yes	No	Comments/Evidence
Clause	Details - Catchment(s) that the site affect(s) and is reliant upon for water.	Yes	NO	 Vrchlice Reservoir which is purified and supplied by the municipal company – Vodohospodářsk společnost Vrchlice – Maleč, a.s. The water from one of wells is pumped into the Vrchlice River to equalize the groundwater level. Th rest of the water wells are not used. The wastewater, it is also managed by municipal company – Vodohospodářská společnost Vrchlice Maleč, a.s. and discharged to the municipal sewage system and then to the municipal wastewater treatment plant. The rainwater is discharged directly into the Vrchlice River, and about 5% of the rainwater is discharge with the process wastewater to the municipal wastewater treatment plant. PM ČR has a plan to increase using of the groundwater from wells and they want to ask for approvatheir Water Authorities in the next year. PM ČR catchment area has been identified, in more detail, as an area covering a territory betwee Vrchlice River and Vrchlice Reservoir. The catchment area also identifies the territory on which the sit is reliant upon for water and that could be influenced either direct or indirectly by the site's activity.
				ted challenges, and the site's ability to influence beyond its boundaries.

Clause	Details	Yes	No	Comments/Evidence
1.2.1	Stakeholders and their water- related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:			PM ČR has identified and listed stakeholders (all relevant groups covered). The scope of the participation was also agreed.
			be identified. This process shall:	The second
	- Inclusively cover all relevant stakeholder groups including			Production As a second secon
vulnerable, women, minority, and	vulnerable, women, minority, and Indigenous people;			
	- Consider the physical scope			
	identified, including stakeholders, representative of			Particular And an analysis And analysis
	the site's ultimate water source and ultimate receiving water body			View
	or bodies; - Provide evidence of stakeholder			
	consultation on water-related interests and challenges;			Sector
	- Note that the ability and/or willingness of stakeholders to participate may vary across the			
				Mathematical System Mathematical Sys
	relevant stakeholder groups; - Identify the degree of			• marge
	stakeholder engagement based on their level of interest and			Amenanda Apple
	influence.			Market Res
				• Transmit var 4 wave 5 4 Pressure 5 Transmit 0 Pressure 1 Pressure Pressure 1 Pressure 1 Pressure 1 Pressure Pressu
				The evidence of communication with stakeholders (emails, calls, face to face meetings, Virtual Team meeting about AWS Standard, communication with PMCR employees,etc.) was provided.
1.2.2	Current and potential degree of influence between site and stakeholder shall be identified,			The current and potential degree of influence between PM ČR and the various stakeholders has als been identified in the file: AWS_Stakeholders_CZ_Kutna_Hora_23_04_2021

Clause	Details within the catchment and considering the site's ultimate water source and ultimate receiving water body for wastewater.	Yes	No	Comments/Evidence
1.3	Gather water-related data for the site, revenues, and shared value creation.	includir	ng: wat	ter balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs,
1.3.1	Existing water-related incident response plans shall be identified.			PM ČR has an Emergency Response Plan in place, regarding to Czech Water Law. It was approved by Water Authority and is valid till 30 th March 2031. In the case of water incidents, a response team has also been selected, which includes representatives of an external company ISS. PM ČR has also a map of sensitive points with pollution potential.
				<text></text>
1.3.2	Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped.			Annually, it is completed at the company level the water balance, based on the records of the data from the internal metering (for water and wastewater). For recording water consumption and wastewater production PM ČR is using local GMT system.

Clause	Details	Yes	No	С	omments/Evidence	e										
1.3.3	Site water balance, inflows,	\boxtimes		P	M ČR has a quantified	site water ba	alance i	n place	for 20)20 as i	llustrat	ted in	the gra	aph be	elow.	
	losses, storage, and outflows, including indication of annual				Please get data from "Summary" s Do not use data if MDV attribute i			2020								
					Month data valid attribute (Data Valid		0	1	4	4	4	4	4	4	4	- 24
	variance in water usage rates,				SUBJECT	Unit	Ū	YTD2020	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	shall be quantified. Where there				Consumption of water (invoice)	m3	45 498	47 203	3 809	4 485	4 395	4 271	4 747	3 804	3 294	3 319
	-				Cost of water	1000 CZK	2 071,524	2 247	181	214	209	203	226	181	157	158
	is a water-related challenge that				Consumption of water (GEMT+st) - ne souhl.s fakturou	m3		48 003	3-809	4-485	4-395	4-321	4-828	3-888	3.412	3-436
	would be a threat to good water				Average cost of water	CZK/m3	45,53	47,61	47,61	47,61	47,61	47,61	47,61	47,61	47,61	47,61
	· · · · · · · · · · · · · · · · · · ·				Total consumption of water per milo sig. (EPI)	m3/mio sig		1,379	1,725	1.447	1,290	1,398	1,316	1,343	1,251	1,393
	balance for people or				Total cost of consumed water per mio.cig.	CZK/mio.cig.		65	82	69	61	66	62	63	57	64
	• •				Total cost of consumed water per microg.	\$/mio.cig.		0,00	0,04	0,02	0,02	0,02	0,02	0,02	0,02	0,03
	environment, an indication of				Sewage water generation (invoice)	m3	33 995	39 768	2 887	3 784	3 976	3 3 16	3 516	3 810	3 026	3 128
	annual high and low variances				Cost of sewage water	1000 CZK	1 533,119	1 870	136	178	187	156	165	179	142	147
				Sewage water generation (GEMT)			39-768	2-887	3-784	3-976	3-346	3-5-16	3-810	3-026	3-128	
	shall be quantified.				Average cost of sewage water	CZK/m3	45,10	47,02	47,02	47,02	47,02	47,02	47,02	47,02	47,02	47,02
	•				Rain water volume	m3	2 581	2 581	215	215	215	215	215	215	215	215
					Cost of rain water	1000 CZK	96,736	97	8	8	8	8	8	8	8	8
				1	Average cost of rain water	CZK/m3	37,48	37,48	37,48	37,48	37,48	37,48	37,48	37,48	37,48	37,48
					Sewage water generation per mic cig. (EPI VHS)	m3/mio eig.		1,143	1,308	1,221	1,167	1,073	0,958	1,316	1,109	1,268
					Cost of sewage water per mio.cig.	CZK/mio.cig.		54	61	57	55	50	45	62	52	60
						\$/mio.cig.		0,00	0,03	0,02	0,02	0,02	0,01	0,02	0,02	0,02
								4255,150	JAN	FEB	MAR	APR	599,374 MAY	JUN	JUL	AUG
							Water IN	m3	3 809	4 485	4 395	4 271	4 747	3 804	and a second	
											1000000000				3 294	3 319
							Waste Water	m3	2 887	3 784	3 976	3 316	3 516	3 810	3 026	3 128
							Well Water	m3	0	0	2	50	81	84	118	117

Clause	Details	Yes	No	Comments/Evidence
				Water IN 2020 (m3)
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.			The physical, chemical and biological status of PM ČR's water sources, provided waters, effluent a receiving water bodies are determined by PM ČR as well as Vodohospodářská společnost Vrchlic Maleč, a.s.: • Water IN (potable and domestic water – quartaly measurements) • Water OUT (wastewater which is discharged to the WWTP) The water quality in Vrchlice Reservoir is published on the Povodí Labe's webs www.pla.cz/portal/jvn/en/index.htm. Tests are carried out in the scope of the following parameters: water temperature, pH, oxygen saturation [%], the dissolved oxygen and turbidity. OBS1: It's recommended to understand also in a depth way the water quality of Vrchlice River and h PM CR affect to this quality.

[ALLIANCE FOR WATER STEWARDSHIP ASSESSMENT

REPORT]

Clause	Details	Yes	No	Comments/Evidence			
1.3.5	Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.			As referred in point 1.3.1. PM	ČR has released a	map with potential so	ources of pollution.
1.3.6	On-site Important Water-Related Areas shall be identified and	\bowtie		PM ČR has identified and map	pped all IWRAs.		
					IWR	As	
	mapped, including a description			Name	Category	Sub-category	Impact
	of their status including			1 Vrchlice reservoir	Environmental area	Reservoir	Community/Economic/Cultural/Environmental
				2 Veľký rybník	Environmental area	Pond	Environmental
	Indigenous cultural values.			3 Bylanka creek	Environmental area	River	Environmental
				4 Vorličkovy sady	Envi Area/Culture	Park	Community/Cultural/Environmental
				5 Zahrady u Jezuitské koleje	Envi Area/Culture	Park	Community/Cultural/Environmental
				6 Breüerovy sady	Envi Area/Culture	Park	Community/Cultural/Environmental
				7 Sady Dr. Bedřicha Pacáka 8 Dub nad mlýnem	Envi Area/Culture Environmental area	Park Significant tree	Community/Cultural/Environmental Community/Cultural/Environmental
				8 Dub nad mlynem 9 Historical centrer	Environmental area Culture	Significant tree UNESCO site, Caves&Underground	Community/Cultural/Environmental Community/Economic/Cultural
				10 Pond Lorec	Environmental area	Pond	Environmental
				11 Industrial water treatment (ČOV)	Other	Wastewater treatment	Community/Economic
				12 Vrchlice river	Environmental area	Biver	Environmental
				13 Kostnice Sedlec	Culture	Ossuary	Community/Economic/Cultural
				14 NPP Kaňk	Environmental area	Protected area	Community/Cultural/Environmental
				15 Vrchlice river (confluence to Klejnárka river)	Environmental area	Confluence	Environmental
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.			PM ČR summarized annual w - Water IN (direct costs), - Water OUT (direct cost), - Water maintenance & measu - Water projects & donations.	urements,		
1.3.8	Levels of access and adequacy of WASH at the site shall be identified.			PM ČR has declared WASH donations: COVID-19 minim donations (multicipality, NGOs	um requirements	es, cleaning plans in for employees and	factory, COVID-19 initiatives a contractors guidebook, COV
1.4	Gather data on the site's indirect wate waters at the origin of the inputs (whe						se primary inputs the status of t
1.4.1	The embedded water use of primary inputs, including quantity, quality and level of						vater management. No of them

Clause	Details	Yes	No	Comments/Evidence
	water risk within the site's catchment, shall be identified.			
1.4.2	The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.			PM ČR has identified several providers of outsourcing services, which are: ISS and Mewa. None of them are located in the catchment area.
1.5	Gather water-related data for the cate WASH	chment,	, incluc	ding: water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and
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.			PM ČR has identified water governance, catchment plans, water-related public policies and publicly-led initiatives: -The map (shared on Google Maps) which contains an overview of drought control projects in Czech Republic that have been supported since 2014 under the Operational Environment Program 2007-2013, the Operational Environment Program 2014-2020 and the National Environment Program; On the catchment area there is one project – planting the trees; Prefeled projektio droku 2. 9 Water projektio at late at the projection of the attraction of the attractio
1.5.2	Applicable water-related legal and regulatory requirements shall be identified, including			PM ČR has provided a list of legislative document and legal requirements regarding water management. This document is updated once a year.

Clause	Details	Yes	No	Comments/Evidence
	legally-defined and/or stakeholder-verified customary water rights.			
1.5.3	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.			PM ČR has analysed the catchment water balance based on information provided by the City of Kutná Hora. Water consumption by PM ČR is approximately 4.57% of the total water consumption in the city of Kutná Hora. The water balance of the catchment area is basic and should be improved in the coming years, e.g. due to seasonal fluctuations and environmental conditions.
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.			As was described in point 1.3.4, the water quality in Vrchlice Reservoir is published on the Povodí Labe's website: www.pla.cz/portal/jvn/en/index.htm. Tests are carried out in the scope of the following parameters: water temperature, pH, oxygen saturation [%], the dissolved oxygen and turbidity. But there is no information on the status of the water on the website. OBS1: The same as in point 1.3.4.
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.			PM ČR has identified, mapped and assessed the status of the IWRAs (as is shown in point 1.3.6).
1.5.6	Existing and planned water- related infrastructure shall be identified, including condition and potential exposure to extreme events.			PM ČR does not have water-related infrastructures such as a WWTP. For piping, the system gives a warning and if consumption increases within 50 min. The GMT system is able to send a warning email when the water consumption exceeds standard consumption. In the event of a minor leakage, a checking procedure is carried out daily, and PM ČR is able to find the problem. In the past, there was a situation of constant rising KIPs and PM ČR investigated for a possible leak. Three years ago, there was also a situation where GMT alerted about a major pipeline system failure. The system also allows you to shut down a pipeline where there is a problem. PM ČR also conducts regular investments and modernization of the pipeline system.

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Clause	Details	Yes	No	Comments/Evidence				
1.5.7	The adequacy of available WASH services within the catchment shall be identified.			PM ČR has identified WASH principles throughout the catchment territory: - WASH for for all employees, - COVID-19 initiatives and donations.				
1.6	Understand current and future share challenges.	d wate	r challe	enges in the catchment, by linking the water challenges identified by stakeholders with the site's water				
1.6.1	Shared water challenges shall be identified and prioritized from the information gathered.			PM ČR has identified and prioritized shared water challenges and reported them (as shown in point 5).				
1.6.2	Initiatives to address shared water challenges shall be identified.			PM ČR has identified, reported and realizes inititiatives addressed to shared water challenges (as shown in point 5).				
1.7	Understand the site's water risks and existing risk management plans and/	opportu or the is	unities: sues a	Assess and prioritize the water risks and opportunities affecting the site based upon the status of the site, and future risk trends identified in 1.6.				
1.7.1				PM ČR has identified and prioritized water risks and water-related opportunities as well as the potential savings/value creation.				
1.7.2	Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.							

Clause	Details	Yes	No	Comments/Evide	ence			
				Water Risks and O Risks	portunities defined for Kutna Priority (updated 2021)	I Hora factory (2021) Impacts/Opportunities	Potential savings /value creation	
				Drought occurrence and predicted increase in the future	Moderate-High	Kutna Hora factory is increasing wave efficiency and decreasing its water comumption rate by use of increasitive technology (i.e. new integrational solutions, automatic washingmachines in secondary etc.) KH factory is also sustaining good water gevernance and implementing best water-management practices in the local territory.	Decrease in potable water use by optimization of on-site procedures Value generation: - increased common understanding of alared water challenges to prioritize ections - cooperation understanding of alared water challenges to prioritize ections - cooperation understanding of water management - Reduction dwater enroues from the catchment area	
				Access to Sanitation	Moderate-High	Located in the same territory, PMCR Kutna Hora has the opportunity to implement action and project with the aim of raising awareness on the importance of having a good water management for all and WASH for all.	Internal and joint campaign with relevant stakeholders, in order to raise awareness on the importance of a good water stewardship for the well-being of all, support of NGOs and stakeholders.	
				Ecosystem Degradation	Moderate	The impacts of rapid population growth and urbanization are leading to poor water quality: untreated domestic sewage, sediment and nutrients from agricultural, and industrial wastes flow into rivers and lakes	- Better understanding regarding catchment water quality and	
				Surface Water Contamination	Moderate	PMCR futua Hora is located near severals important water related area (WRA) Overfahing Pollution from industries Import of agriculture (see of pesticides) Introduction of imaxies alien species PMCR futura Hora is locateded near these important surface water sources, and mar cause a direct impact. In order to avoid contaminution they execute: Periodic and accuter maintename water related infatistic turbu Correct storage of haardoos substances during production pocesses Progent waters undirected in the challanged waters PMCR futura Hora has implemented deep-dire turbles and data gathering PMCR future hora is indenest and engineers executive and adiagathering	cooperation with catchment Stakeholders for data gathering - Active and shared actions and project with relevant stakeholders to raise awareness on water-related risks and mitigate them - Decrease in waste waters discharge, by reutilization of treated waste waters in production processes - Periodic messurements and monitoring of water quality parameters	
				Flood Occurence	Moderate-Low	regarding catchment surface and ground water quality in order better understand and potentially mitigate water risks related to water quality		
				Projected Change in Flood Occurance	Moderate-Low	PMCR Kutna Hora is not located in a flood hazard area, but is adjacent to a susceptibility to flooding zone due to its vicinity to the river	 - Joint actions with Stakeholders to mitigate shared water-related risk - Awareness amongst local population and Stakeholders on mitigation actions related to shared water challenges - Implementation of best practices in catchment territory 	
				Baseline water stress	Low	PMCR Kutna Hora is localed in a a low area of baseline water stress risk. Total annual renewable water supply is balanced with total water withdrawals, mainly due to the efficient management and controls of the Czech Rep. authorities related.	Awareness and sesibilization joint projects amongst catchment Stakeholders for better and shared water saving actions	
				Access to Safe Drinking Water	Low	The Czech statistics authority declares that 100% of households in the area have access to safe drinking water as the drinking water is provided by the community water system	Awareness and sensibilization joint projects amongst catchment Stakeholders for better and shared water saving actions	
1.8	Understand best practice towards ach	nieving	AWS	outcomes: Determining	g sectoral bes	st practices having a local/catch	ment, regional, or national	relevance.
1.8.1	Relevant catchment best practice for water governance shall be identified.			a) Water stewardshi	p strategy &	chment best practices for water plan is in place and will be perio in the following implementation	odically updated with new r	
				b) AWS Commitme Website, PM ČR Fa	nt has been cebook and E	signed by the Factory Manag NVI Corner;	er and publicly disclosed	on PM Čl
				c) Internal tools for Program for AWS;	sharing of ir	nformation and best practices:	ENVI Program, ENVI Cor	ner, Globa
				d) Sharing best prac	tices with oth	er affiliates (OnePlace tool);		
				e) Engagement with	stakeholders	e.g. City of Kutná Hora, Ministr	y of the Environment etc.	

Clause	Details	Yes	No	Comments/Evidence
				 f) Public communication of PM ČR's water stewardship journey to set a leading example to others: Publication of Sustainbility Report with chapters on water management; Publication of Water Stewardship Report;
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.			 PM ČR has identified best pratices for water balance which are listed below. a) Site water balance for 2020 has been identified; b) Water monitoring for consumption is in place and water-related KPI are available for tracking; c) Water savings actions are periodically measured and evaluated – EHS 90 days plan; d) Water use anomaly detection system is in place (GMS); e) Employees are informed on the importance of water by ENVI Corner and environmental brochures;
1.8.3	Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.			 PM ČR has identified best pratices for water quality which are listed below. a) Water quality control strategies are in place for incoming water and outgoing wastewater: Water IN (potable and domestic water – quartaly measurements) Water OUT (wastewater which is discharged to the WWTP) b) Emergency response plan in place for water-related incidents; c) Water-related Risk Assessment has been conducted and mitigation actions have been identified;
1.8.4	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.			 PM ČR has identified best pratices for site maintenance of IWRA, which are listed below. a) Active engagement in the annual Clean Up Event, with local clean-up activities that will be encourage the local community to safeguard natural sensitive environments and adopt resilient conservational values – cleaning the areas near the river; b) Donation for Glutton vacuum cleaners which are used for cleaning e.g. green areas of Kutná Hora; c) Informing environmental authorities about litter incidents on the Vrchlice River; d) Creation of "World is not ashtray" website which should help an adult smokers to understand what happens the cigarret waste in nature; e) Donation for special app development: "Where to put it?"; Is a non-profit project of NGO Let's Clean Up the Czechia; It offers quick and easy to find locations near you where you can legally "get rid of" unwanted goods and waste;

Clause	Details	Yes	No	Comments/Evidence
				 f) Support for the educational project "Journey to Education with "The Well" Project" which focuses on three areas: 1) Improving knowledge and skills in PLC programming (Programmable Logic Controller); 2) Environment – the use of renewable resources (solar energy) and water management; 3) Strengthening students' relationship to history and historical places around them;
				g) Support ecological and regional education for children: "Meaningful Garden", "POD HORAMI in terrain", "Community Garden", "Community Garden II", which are offered to kindergartens, primary schools and secondary schools; Pupils and students can learn to care for the land, grow crops and harvest them, the importance of caring for land, plants and water;
1.8.5	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH	\boxtimes		PM ČR has identified best pratices for site provision of equitable and adequate WASH services, which are listed below.
	services shall be identified.			a) Provision of sufficient supplies of safe drinking water for all workers are in place;
				b) Provision of sufficient and high standard facilities for bathroom and washrooms for men and women are in place;
				c) WASH awareness activities were carried out, especially during the COVID-19 emergency period;
2	COMMIT AND PLAN			
2.1				-most manager in charge of water at the site, or if necessary, a suitable individual within the organization ent to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and

Clause	Details	Yes	No	Comments/Evidence
Clause 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	Yes	No	PM ČR has in place the AWS Commitment for the 2.0. Version of the AWS Standard. The document, signed by the factory manager, explicitly covers the 5 outcomes of the AWS 2.0. The evidence of disclosure is available on the PM ČR Website, PM ČR Facebook, and ENVI Corner. Website (https://www.pmi.com/resources/docs/default-source/czech-market/kutna-hora-alliace-for-aws- commitment_2.pdf?sfvrsn=57712bb7_10): <u>PHILIP MORRIS ČR</u> <u>Kutnä Hora Alliance for Water Stewardship (AWS) Commitment</u> PHILIP Morris ČR a.s. as a result of its public commitment to good water management, undertakes to: • Endorse and sustain the Alliance for Water Stewardship outcomes (good water governance, sustainable water balance, good water quality, conservation of important areas related to 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			Kutná Hora Alliance for Water Stawardship (AWS) Commitment Philip Morris ČR a.s. as a result of its public commitment to good water management, undertakes to: Endorse and sustain the Alliance for Water Stewardship outcomes (good water governance,
				adequate access to clean drinking water, sanitation and hygiene for all workers in all premises under the site's control; Support water-related national and international treaties; Disclose material information related to water for the relevant public. Disclose material information related to water for the relevant public. Disclose material information related to water for the relevant public. Disclose Manufacturing CZ, Kufna Hora Bigtr Cerek July 2021

Clause	Details	Yes	No	Comments/Evidence
				ENVI Corner:
				ENVI CORNER koutek životního prostředí
				ENVIPROGRAM GRAFY – JAK SI STOJÍME
2.2	Develop and document a process to	achieve	and m	naintain legal and regulatory compliance.
2.2.1	The system to maintain compliance obligations for water			PM ČR has implemented the system to maintain compliance obligations for water and wastewater management.
	and wastewater management shall be identified, including: - Identification of responsible			Monitoring of legal requirements is carried out by the legal department. There is a list of requirements updated annually. PM ČR is a member of EnviGroup and has access to a website with environmental law requirements. EnviGroup also sends e-mails with alerts about changes in legal requirements.
	persons/positions within facility organizational structure			The positions of those accountable to maintain and manage water and wastewater conformities is available in the Emergency Response Plan and the maintenance plan/protocol.
	 Process for submissions to regulatory agencies. 			No water-related emergency incidents nor major compliance violations have been registered for PM ČR.

Clause	Details	Yes	No	Comments/Evidence
2.3	Create a water stewardship strategy	and plar	n inclu	ding 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.			AWS objectives come to detail the general objectives defined by the AWS Policy according to the AWS standard.
2.3.2	A water stewardship plan shall be identified, including for each target:			PM ČR has appointed the responsive and resilient Water Stewardship Strategy Plan for 2019-2020. The plan was also updated, monitored and assessed throughout 2021. The responsive and resilient Water Stewardship Strategy Plan has been created in response to the identified risks and opportunities:
	- How it will be measured and monitored			 Improving water management in the factory in Kutná Hora by applying the AWS standard; Establish a water leadership commitment;
	 Actions to achieve and maintain (or exceed) it 			 Reduction of water consumption and water quality management at the Kutná Hora factory; Improving the water balance and management;
	- Planned timeframes to achieve it			- Contributing to the environmental awareness of internal staff and the community (external
	- Financial budgets allocated for			stakeholders);
	actions			- Contributing to the prevention of the spread of the Covid-19 virus on the site; Supporting for the already
	- Positions of persons responsible for actions and			burdened Czech healthcare system;
	achieving targets			- Supporting communities in overcoming the difficulties arising from the COVID-19 pandemic;
	- Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.			- Supporting water / environment related projects / donations;
2.4.1	Demonstrate the site's responsivenes	ss and r	esilien	ce 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.			PM ČR cooperates with the City of Kutná Hora and the Ministry of the Environment to support initiatives aimed at mitigating or adapting to identified risks related to water.

Clause	Details	Yes	No	Comments/Evidence
3	IMPLEMENT			
3.1	Implement plan to participate positive	ly in ca	tchme	nt governance.
3.1.1	Evidence that the site has supported good catchment			PM ČR has outreached and engaged with relevant external and internal stakeholders in order to express support for water governance and management.
	governance shall be identified.			PM ČR also communicated with stakeholders e.g. the Ministry of the Environment on water management and the Ministry's long-term water plan which will focus on rainwater.
				This information and evidence is illustrated in the responsive and resilient Water Stewardship Strategy Plan.
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.			N/A
3.2	Implement system to comply with wat	ter-relat	ted leg	al and regulatory requirements and respect water rights.
3.2.1	A process to verify full legal and regulatory compliance shall be implemented.			PM ČR has implemented a process to verify full legal and regulatory compliance (as shown in point 2.2.1). The legal compliance is confirmed and no legal compliance deviations have been detected. There were also no water related incidents.
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.			The local water service provider, Vodohospodářská společnost Vrchlice – Maleč, a.s., provides safe drinking potable water to the catchment area. Vodohospodářská společnost Vrchlice – Maleč, a.s.'s water analysis are public and available on the website (https://vhskh.cz/kvalita-vody-v-obci-kutna-hora/).
3.3	Implement plan to achieve site water	balance	e targe	rts.
3.3.1	Status of progress towards meeting water balance targets set			PM ČR has implemented the following site water balance improvement activities, included in the responsive and resilient Water Stewardship Strategy Plan, to improve water balance targets:
	in the water stewardship plan shall be identified.			- Regular monthly reporting of water consumption – Internal reporting (PMS) – with status: ongoing;
				- Regular annual reporting of well water consumption – reporting to Water Authority (ISPOP) – with status: done (for 2020);

Clause	Details	Yes	No	Comments/Evidence
				- Installation of three automatic washers for cleaning machine parts on the secondary line – with status: done;
				- Improvement of water network mapping and also metering for better monitoring and reporting – with status: ongoing;
				- Water savings actions are periodically measured and evaluated – EHS 90 days plan, KPIs etc. – with status: ongoing;
3.3.2	Where water scarcity is a shared water challenge, annual targets to	\boxtimes		PM ČR measures water quantity flows and trends 24/7 in order to monitor water efficiency and improve water savings in accordance to limits and targets.
	improve the site's water use efficiency, or if practical and			The following measurement system are in place:
	applicable, reduce volumetric			- Water meters that record municipal water consumption are in place
	total use shall be implemented.			- Water meters that record well water are in place
				- Wastewater meter that record amount of process wastewater are in place
				- Water-related KPI's are established, tracked, reported on regular basis
3.3.3	Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.			N/A
3.4	Implement plan to achieve site water	quality	targets	5.
3.4.1	Status of progress towards meeting water quality targets set	\boxtimes		PM ČR has included the following site water quality activities are included in the responsive and resilient Water Stewardship Strategy Plan:
	in the water stewardship plan shall be identified.			- Planned maintenance – services and quality measurements – with status done (for 2020);
				PM ČR conducts the following measurements in order to guarantee and monitor water quality parameters in accordance to limits and targets:
				Water IN (potable and domestic water – quartaly measurements)
				• Water OUT (wastewater which is discharged to the WWTP)
				No threshold exceedances has been noted.
				PM ČR has conducted also well water measurements for monitoring purposes.

Clause	Details	Yes	No	Comments/Evidence
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.			Vodohospodářská společnost Vrchlice – Maleč, a.s., supplies and guarantees potable water quality in line with legislative requirements. Vodohospodářská společnost Vrchlice – Maleč, a.s.'s water analysis are public and available on the website (https://vhskh.cz/kvalita-vody-v-obci-kutna-hora/).
3.5	Implement plan to maintain or improv	e the si	te's ar	d/or catchment's Important Water-Related Areas.
3.5.1	Practices set in the water	\boxtimes		PM ČR has implemented the following activities related to IWRA:
	stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.			- Active engagement twice a year in the Clean Up Event, with local clean up activities that will be encourage the local community to safeguard natural sensitive environments and adopt resilient conservational values – cleaning the areas near the river;
	•			- Donation for Glutton vacuum cleaners which are used for cleaning e.g. green areas of Kutná Hora;
				- Creation of "World is not ashtray" website which should help an adult smokers to understand what happens the cigarret waste in nature;
				- Donation for special app development: "Where to put it?"; Is a non-profit project of NGO Let's Clean Up the Czechia; It offers quick and easy to find locations near you where you can legally "get rid of" unwanted goods and waste;
				 Support for the educational project "Journey to Education with "The Well" Project" which focuses on three areas: 1) Improving knowledge and skills in PLC programming (Programmable Logic Controller); 2) Environment – the use of renewable resources (solar energy) and water management; 3) Strengthening students' relationship to history and historical places around them;
				- Support ecological and regional education for children: "Meaningful Garden", "POD HORAMI in terrain", "Community Garden", "Community Garden II", which are offered to kindergartens, primary schools and secondary schools; Pupils and students can learn to care for the land, grow crops and harvest them, the importance of caring for land, plants and water;
3.6	Implement plan to provide access to control.	safe dri	nking	water, effective sanitation, and protective hygiene (WASH) for all workers at all premises under the site's
3.6.1	Evidence of the site's provision	\boxtimes		PM ČR has implemented the following WASH-related actions:
	of adequate access to safe drinking water, effective			- Provision of sufficient supplies of safe drinking water for all workers are in place;
	sanitation, and protective hygiene (WASH) for all workers			- Provision of sufficient and high standard facilities for bathroom and washrooms for men and women are in place;

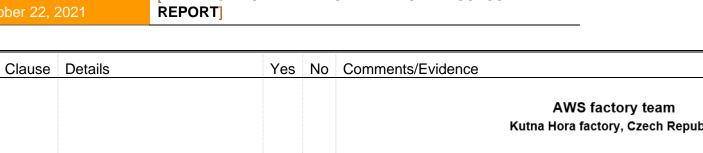
REPORT]

Clause	Details	Yes	No	Comments/Evidence
	onsite shall be identified and where applicable, quantified.			 WASH awareness activities were carried out, especially during the COVID-19 emergency period: Prevent the spread of COVID-19 through hygienic indoor conditions; Support the Czech healthcare system in the fight against COVID-19; Support to the seniors in the time of the worldwide pandemic COVID-19; PM ČR provides tablets for a group of people at risk of loneliness, the elderly who stay in retirement homes during the pandemic without personal contact with their families, because visits are / were forbidden; Support medical staff and appreciate efforts and commitment; Alleviating the difficult situation of families in a difficult socio-economic situation;
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.			In accordance to legal and regulatory requirements PM ČR has not violated human rights to safe water and sanitation. All agreements and permits with Vodohospodářská společnost Vrchlice – Maleč, a.s. regarding potable water provision and waste water discharge are available on site.
3.7	Implement plan to maintain or improv	e indire	ct wate	er 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.			PM ČR's raw material suppliers have been mapped and information on their water use has been requested by Global PM Team. No raw material supplier is located within PM ČR's catchment area.
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.			PM ČR has listed as internal stakeholders its outsourced service providers (ISS and Mewa). None of them are located in the catchment area.

Clause	Details	Yes	No	Comments/Evidence
3.8.1	Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.			PM ČR cooperates with Vodohospodářská společnost Vrchlice – Maleč, a.s. which is the owner of the water related infrastructures that supply potable water to PM ČR from the Vrchlice Reservoir. Throughout AWS certification journey, PM ČR has contacted with Vodohospodářská společnost Vrchlice – Maleč, a.s. and also with City of Kutná Hora.
3.9	Implement actions to achieve best pr regional, or national relevance.	actice t	owards	s AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment,
3.9.1	Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.			 PM ČR's actions and projects related to the achievement of the 5 AWS outcomes have been: described and explained in the responsive and resilient Water Stewardship Strategy Plan evaluated in the evaluation of the responsive and resilient Water Stewardship Strategy Plan
3.9.2	Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.			
3.9.3	Actions towards achieving best practice, related to targets in terms of water quality shall be 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.			
3.9.5	Actions towards achieving best practice related to targets in terms of WASH shall be implemented.			
4	EVALUATE			
4.1	Evaluate the site's performance in I stewardship outcomes.	ight of	its act	ions and targets from its water stewardship plan and demonstrate its contribution to achieving water
4.1.1	Performance against targets in the site's water stewardship plan and the contribution to achieving			PM ČR has evaluated their Site's responsive and resilient Water Stewardship Strategy Plan, the value/benefits generated from its performance and also how the plan has contributed to achieving the 5 AWS Outcomes.

Clause	Details	Yes	No	Comments/Evidence
	water stewardship outcomes shall be evaluated.			
4.1.2	Value creation resulting from the water stewardship plan shall be evaluated.			
4.1.3	The shared value benefits in the catchment shall be identified and where applicable, quantified.			
4.2	Evaluate the impacts of water-related preventative measures.	d emerg	gency	incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and
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.			 PM ČR has not registered any significant water-related emergency incidents. PM ČR has provided evidences of the evaluation the impact of emergency incidents: register of all EHS incidents in place, sharing with the employees and stakeholders if it's necessary, water provider alerts about maintenance/outages/accidents. PM ČR is not subjected to severe water-related emergency incidents and/or environmentally based extreme events. According to available information, no extreme events have ever occurred on-site.
4.3	Evaluate stakeholders' consultation process.	feedbac	ck rega	arding the site's water stewardship performance, including the effectiveness of the site's engagement
4.3.1	Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.			 PM ČR has sent their commitment to all identified stakeholders and inform them on PM ČR's water stewardship journey (e.g. City of Kutná Hora, Ministry of the Environment etc.). PM ČR has also shared with their stakeholders the sustainability brochure and they will share a Water Stewardship Report "Zpráva o vodě". OBS2: PM ČR should improve communication with stakeholders about water-related challenges and initiatives, especially with stakeholders who also operate in the catchment area.
4.4	Evaluate and update the site's wate improvement.	er stewa	ardship	plan, incorporating the information obtained from the evaluation process in the context of continual

Clause	Details	Yes	No	Comments/Evidence
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			PM ČR has declared that the responsive and resilient Water Stewardship Strategy & Plan will be subjected to continual improvements and integrations, due to a regular data collection, progressive monitoring, evaluation and periodical update. This will ensure a positive progress in PM ČR's water stewardship.
	and these changes shall be			So far, the evaluated outcome can be summarized as follows:
	identified.			- As required by the V 2.0 Standard, all 5 AWS outcomes have been fulfilled
				- Water stewardship actions and efforts are being effective in mitigating water risks, decreasing shared water challenges and creating beneficial values for the local territory
				- Successful strategies and/or best management practices have emerged/been implemented
				- Stakeholder engagement efforts have been well-received
				- Many actions/projects are still ongoing and will be evaluated in 2021 and 2022
5	COMMUNICATE & DISCLOSE			
5.1	Disclose water-related internal gover local laws and regulations.	nance o	of the s	site's management, including the positions of those accountable for legal compliance with water-related
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.			PM ČR's water-related internal governance has been disclosed both internally and externally in the organizational chart.



				AWS factory team Kutna Hora factory, Czech Republic
				Project Lead Pavlina Pupikova Steering Committee Project Sponsor
				Tomas Cech Piotr Cerek (EA) External Stakeholders Process Factory Projects Project manager assisstant Roman Grametbauer Otakar Korel Tomas Havranek Pavla Stavelova Ondrej Lapacek Theotokis Emmanouil
				Communication Quality Sustainability PMI Team Procurement Engineering Logistics The AWS Commitment has also been disclosed externally and internally.
				The AWS team members as well as their roles and responsibilities have been defined and AWS team organizational chart has been disclosed.
5.2	Communicate the water stewardship	plan wit	h releva	ant stakeholders.
5.2.1	The water stewardship plan, including how the water stewardship plan contributes to			PM ČR's actions, projects and best-practices, illustrated in the responsive and resilient Water Stewardship Strategy Plan have been shared with relevant stakeholders throughout engagement activities and periodic follow-ups.
	AWS Standard outcomes, shall be communicated to relevant stakeholders.			Implemented best-practices in the water stewardship plan as well as obtained achievements have also been shared with PM ČR's employees.
				OBS2: The same as in point 4.3.1.
5.3	Disclose annual site water stewards against the site's targets.	hip sum	nmary, i	ncluding the relevant information about the site's annual water stewardship performance and results

Clause	Details	Yes	No	Comments/Evidence
5.3.1	A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.			PM ČR has declared disclosing its water stewardship performance, targets and implemented best practice actions for 2020. This will be disclosed in a Water Stewardship Report "Zpráva o vodě", which will be shared with relevant stakeholders and employees.
5.4	Disclose efforts to collectively addres co-ordination with public-sector agen		d wate	r challenges, including: associated efforts to address the challenges; engagement with stakeholders; and
5.4.1	The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.			PM ČR's water-related challenges will be also shared with relevant stakeholders (e.g. City of Kutná Hora, Ministry of the Environment etc.) in a Water Stewardship Report "Zpráva o vodě". Joint projects, campaigns and engagements have been executed in order to mitigate shared water risks and implement best practices in the catchment territory. Projects, actions and related efforts to address challenges with
5.4.2	Efforts made by the site to engage stakeholders and coordinate and support public- sector agencies shall be identified.			fellow stakeholders are illustrated in the responsive and resilient Water Stewardship Strategy Plan.
5.5	Communicate transparency in water- actions the site has taken to prevent			ance: make any site water-related compliance violations available upon request as well as any corrective nces.
5.5.1	Any site water-related compliance violations and associated corrections shall be disclosed.			This criteria is not applicable: no water related violations have ever been detected by PM ČR. PM ČR has declared that in case of any such situations, it will follow the relative compliance actions and
5.5.2	Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.			inform the authorities as per Emergency Response Plan.
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.			

7 AUDIT FINDINGS

7.1 MAJOR NONCONFORMANCES

During the course of the audit non major non-conformances were raised.

7.2 MINOR NONCONFORMANCES

Non minor non-conformances were raised during the audit process.

7.3 OBSERVATIONS

Two observations were raised during the audit which are only to be considered as improvement opportunities. No action is necessary during this audit period but these issues would most likely come under scrutiny during a surveillance audit scenario.

Table 2. Observations identified during	the AWS curveillence cudit presses
Table 3: Observations identified during	g the Aws surveillance aught process

No.	Туре	Ref.	Details
OBS01	Observation	1.3.4, 1.5.4	It's recommended to understand also in a depth way the water quality of Vrchlice River and how PM CR affect to this quality.
OBS02	Observation	4.3.1, 5.2.1	PM ČR should improve communication with stakeholders about water-related challenges and initiatives, especially with stakeholders who also operate in the catchment area.

8 SUMMARY

In reviewing the body of evidence presented by Philip Morris ČR a.s. it is apparent that a considerable quantity of effort and work has been put into the preparation for the audit for Alliance for Water Stewardship Certification.

Non major and minor non-conformances has been identified.

9 OPPORTUNITIES FOR IMPROVEMENT

During this audit for Philip Morris ČR a.s. against the AWS Standard V 2.0, two observations were raised.

One of them – OBS01 – concerns the monitoring of river waters and the ČR PM, and may, in the future, consider an in-depth understanding of the water quality of the Vrchlice River and the impact of PM CR on this quality.

10 CONCLUSIONS AND RECOMMENDATIONS

Given the review of evidence produced and audit performed at the Philip Morris ČR a.s., SGS recommends that Philip Morris ČR a.s. is awarded AWS Core Certified status with a surveillance audit interval of annual frequency.