

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)



Audit Number: AO-001258

SITE DETAILS

Site: **Philip Morris CR a.s.**
Address: Vitezna 1, 28403, Kutna Hora, CZECH REPUBLIC
Contact Person: Pavlina Pupikova
AWS Reference Number: AWS-000353
Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Core
Date of certification decision: 2024-Dec-10
Validity of certificate: 2027-Dec-09

AUDIT DETAILS

Audited Service(s): AWS Standard v2.0 (2019)
Audit Type(s): Re-Certification Audit
Audit Start Date: 2024-Sep-09
Lead Auditor: Ruth Wandera
Audit team participants:
Viktor Klochko, Interpreter

Site Participants:
Tomas Havranek, IFMS Engineer
Otakar Korel, Energy Coordinator
Pavlina Pupikova, Sustainability Specialist
Roman Grametbauer, Sustainability Manager Headquarters
Tomas Cech, Sustainability Manager
Serhan Kilic, Director Manufacturing
Iryna Iliashenko, Manager Logistics
Petr Novotny, IT Manager
Koray Altunay, Manager Quality

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ADDITIONAL INFO

Summary of Audit Findings: A total of 14 findings were raised during the certification audit, 9 minor non-conformities and 5 observations.

The Client is requested to perform a root cause analysis and define corrective actions for each of the non-conformities and to submit these to WSAS within 30 days of receipt of the audit report by 27 November 2024.

Minor non-conformities must be closed out by the time of the next annual audit.

The audit team recommends re-certification of PMI CR - Kutna Hora site at Core level pending approval of the corrective actions plan.

CLOSURE OF FINDINGS AND CORRECTIVE ACTION PLAN:

The Client has successfully submitted the corrective action plans addressing all findings. Proof of implementation has been requested for the Minors and this will be evaluated during the Surveillance Audit. The client is requested to upload evidence of implementation prior to the Surveillance Audit.

Scope of Assessment: The scope of services covers the recertification audit for assessing conformity of PMI CR - Kutna Hora against the AWS International Water Stewardship Standard Version 2.

The Philip Morris ČR, a.s site can be found in Kutna Hora (in the middle of the Czech Republic). Kutná Hora is a town in the Central Bohemian Region of the Czech Republic. It has about 21,000 inhabitants. The centre of Kutná Hora, including the Sedlec Abbey and its ossuary, was designated a UNESCO World Heritage Site in 1995 because of its outstanding architecture and its influence on subsequent architectural developments in other Central European city centres. Since 1961, the town centre is also protected by law as an urban monument reservation, the fourth largest in the country.

The Philip Morris ČR, a.s., factory in Kutná Hora was established in 1812. Today, it exports its products to 46 countries around the world. More than 800 employees work here. Philip Morris ČR, a.s., is a subsidiary of Philip Morris International (PMI), and the largest producer and seller of tobacco products in the Czech Republic. The company can be found on the Prague Stock Exchange. They own a 99 percent business share in the Philip Morris Slovakia s.r.o. company.

The site has named its catchment as the Vrchlice river basin. The Vrchlice is a stream in the Czech Republic, a left tributary of the Klejnárka River. It flows through the Central Bohemian Region. It is 30.0 km long. The Vrchlice originates in the Zdeslavice exclave of the Černíny municipality in the Upper Sázava Hills at an elevation of 488 m and flows to Nové Dvory, where it enters the Vrchlice River at an elevation of 204 m. It is 30.0 km long. Its drainage basin has an area of 133.3 km². The location of the site is on the lower end of the Vrchlice. The progression of the Vrchlice is Klejnárka→ Elbe→ North Sea. The most populated settlement on the Vrchlice river is the town of Kutná Hora. The river flows through the municipal territories of Černíny, Štěpoklasy, Chlístovice, Malešov, Vidice, Miskovice, Kutná Hora and Nové Dvory.

The most valuable part of the Vrchlice basin is the Vrchlice valley in Kutná Hora, which was proposed to be declared a nature reserve.

The audit was conducted onsite on 9 September to 11 September 2024.

The onsite site visit included the assessment of Water-related infrastructure on the site as well as Pollution sources on site as part of the audit.

FINDINGS

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NUMBER OF FINDINGS PER LEVEL	
Observation	5
Minor	9

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FINDING DETAILS

Finding No:	TNR-013659
Checklist Item No:	1.1.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Sep-10
Checklist item:	The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including: <ul style="list-style-type: none">- Site boundaries;- Water-related infrastructure, including piping network, owned or managed by the site or its parent organization;- Any water sources providing water to the site that are owned or managed by the site or its parent organization;- Water service provider (if applicable) and its ultimate water source;- Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies;- Catchment(s) that the site affect(s) and is reliant upon for water.
Findings:	The site has wells, however no information was provided on them, including depths and whether the groundwater is abstracted from a confined aquifer or groundwater table (upper layer), and consequently there is a lack of clarity what is the relevant groundwater catchment (or aquifer).
Corrective action:	Map properly the groundwater catchment on map and documents. - Contact involved institutes and find out all information about groundwater. Investigate more about Site wells.
Finding No:	TNR-013095
Checklist Item No:	1.3.2
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Sep-10
Checklist item:	Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped
Findings:	Although the site has provided comprehensive analysis of water used on site, it is not clear what the volume of outflow is as well as losses in the system e.g. evaporation losses.
Corrective action:	Add all inflows, outflows and losses to the Site water diagram. Do the diagram more detailed.

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Finding No:	TNR-013097
Checklist Item No:	1.3.3
Status:	Open
Finding level:	Observation
Checklist item:	Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.
Findings:	The aquifer from which the water is withdrawn is not stated and remains unknown and therefore it is not clear if the factory water usage percentage split of 82% from Municipality and 18% from Site's wells would later pose a threat to good water balance for communities in the catchment or environment as a whole.
Finding No:	TNR-013660
Checklist Item No:	1.3.4
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Sep-10
Checklist item:	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.
Findings:	There was one exceedance in quarter 1 & 2 2023 of C10-C40 limit of 0.5mg/l at the oil separator. It is not clear how this was resolved.
Corrective action:	Improve the process and provide better evidence of resolving the exceedance of water quality.

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Finding No: TNR-013100
Checklist Item No: 1.3.7
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2025-Sep-10
Checklist item: 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.
Findings: Annual water-related costs for 2023, including Total Water Maintenance 2023, Water and Sewer Charges, Communication, consultations, trainings, and Environmental Projects & Social Donations were provided however a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site was not identified .
Corrective action: All social and environmental project will be described more detailed and the value will be identified for all of them in the Site Water Stewardship Plan (SWSP).

Finding No: TNR-013161
Checklist Item No: 1.6.1
Status: Open
Finding level: Observation
Checklist item: Shared water challenges shall be identified and prioritized from the information gathered.
Findings: Shared water challenges were identified and prioritized based on the gathered information; however, the issues were defined in broad terms without enough specificity. For example:
- Improvement of water governance: What are the issues (problems) with the current governance system?
- Disclosing important communication about water management: Is this about site's water management? Is that challenge also shared by some stakeholders?
- Sustainable water balance: Water balance where? What about water balance? What are the problems/issues with it?
- Good water quality at the site and in the catchment, IWRAS, WASH: is this about surface water quality or groundwater? What about water quality is a challenge – e.g. is it about microbiological contamination, nutrients, physico-chemical parameters, etc., or a combination of these?
- Education about water topics, anti-littering efforts: Is an issue about lack of awareness?

The lack of detail in these areas suggests a need for more defined objectives and actions to address each challenge.

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Finding No:	TNR-013661
Checklist Item No:	1.6.2
Status:	Open
Finding level:	Observation
Checklist item:	Initiatives to address shared water challenges shall be identified.
Findings:	The site should also look whether there are any other initiatives (not initiated by the site) that would also be addressing the same challenges
Finding No:	TNR-013164
Checklist Item No:	1.7.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Sep-10
Checklist item:	Water risks faced by the site shall be identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.
Findings:	The site used WWF filter for 2021 to analyse risk drivers but did not analyse what they may mean to the site, what risks they may cause to the site at certain timeframes. Therefore potential costs and business impact were not identified and risks were not prioritized.
Corrective action:	Analyze Site Water Risks included potential costs, business impact and prioritization. Analyze the Risk in more details.
Finding No:	TNR-013169
Checklist Item No:	2.2.1
Status:	Open
Finding level:	Observation
Checklist item:	The system to maintain compliance obligations for water and wastewater management shall be identified, including: <ul style="list-style-type: none">- Identification of responsible persons/positions within facility organizational structure- Process for submissions to regulatory agencies.
Findings:	The indicator required that the facility shows the process for submissions to regulatory agencies to fulfil this requirement, the facility provided an example of a wastewater report submitted to the municipality but the evidence of submission was not provided.

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Finding No:	TNR-013174
Checklist Item No:	2.3.2
Status:	Open
Finding level:	Observation
Checklist item:	<p>A water stewardship plan shall be identified, including for each target:</p> <ul style="list-style-type: none">- How it will be measured and monitored- Actions to achieve and maintain (or exceed) it- 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.
Findings:	<p>The site's water stewardship plan lacks clarity on targets that the site wants to achieve with the planned actions. E.g. which issues and at which IWRAs the site is aiming to improve? What improvement is it targeting on water quality? The site's target on water use intensity that it wants to achieve with the planned actions is not clear in the plan. Actions in the plan that are related to legal and regulatory compliance, are not considered as water stewardship improvement targets/actions.</p>
Finding No:	TNR-013313
Checklist Item No:	4.1.2
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Sep-10
Checklist item:	<p>Value creation resulting from the water stewardship plan shall be evaluated.</p>
Findings:	<p>Evaluation of value creation resulting from the water stewardship plan still remains unclear, for example Installation of automatic washing machines in secondary manufacturing for pitstops has resulted in 1772.13 EUR/year economic saving which is indicated as the value for the site and for the catchment, the site indicated that environmental value was realised as a result of reduction of water removal from catchment area water bodies and increased water availability for other community users and sensitive environments. The site indicated the evaluation of value creation as 'same'. It is not clear what exactly this means.</p>
Corrective action:	<p>Specified values and evaluation of value creation for all activities in the Site Stewardship Water Plan.</p>

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Finding No:	TNR-013322
Checklist Item No:	4.2.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Sep-10
Checklist item:	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.
Findings:	The facility shared a list of previous (2023) incidences however a report that evaluates and proposes preventative and corrective actions, as well as mitigations against any future incidents was not clearly identified in the evidence provided '4.2 Evaluate the impacts of water-related emergency incidents'.
Corrective action:	Provide better evidence for evaluation of emergency incidents in the Site - as well as mitigations against any future incident. Add column about evaluation in the table with incident.
Finding No:	TNR-013327
Checklist Item No:	4.3.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Sep-10
Checklist item:	Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.
Findings:	The facility identified consultation efforts with stakeholders by providing multiple evidence of engagement however, an assessment of the effectiveness of the site's engagement process was not clear in the provided document 'AWS Comm. timeline 2023-2024'.
Corrective action:	Have clear assessment of the effectiveness of stakeholders engagement in place. Add column in the table "AWS Comm. timeline " and assess all actions.

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Finding No:	TNR-013328
Checklist Item No:	4.4.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2025-Sep-10
Checklist item:	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.
Findings:	The facility provided two water stewardship plans for 2023 and 2024 but modifications and changes were not clearly identified.
Corrective action:	Identified and highlight the modifications and changes clearly in the Site Water Stewardship Plan year by year (highlight improvements, changes and modifications).

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Report Details

Report	Value
Report prepared by	Ruth Wandera
Report approved by	Neringa Pumputyte
Report approved on (Date)	28 October 2024

Surveillance

Proposed date for next audit
2025-Sep-09

Stakeholder Announcements

Date of publication	Location
09/08/2024	PMI website
06/09/2024	Facebook
08/08/2024	Email to stakeholders
17/05/2024	AWS
17/05/2024	WSAS
13/09/2024	Notice Board at PMI-Kutna Hora

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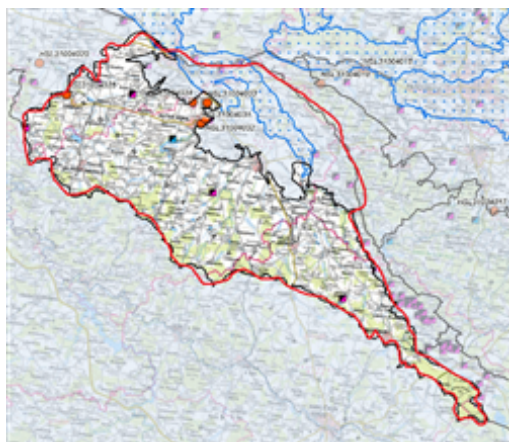
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Catchment Information



Virchlice River basin.jpg



Catchment - Ground Water.png



Catchment - Surface Water.png



Ground water 3.jpg

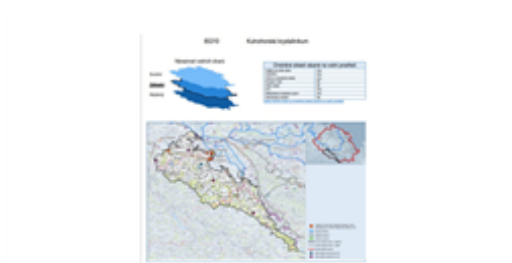
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Ground water 2.jpg



Ground water.jpg



Ground water 1.jpg

Catchment Information

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The most valuable part of the Vrchlice basin is the Vrchlice valley in Kutná Hora, which was proposed to be declared a nature reserve.

The Vrchlice Reservoir was built on the middle course of the river in 1966–1970. It has an area of 93.5 ha (231 acres). The main purpose of the reservoir is the accumulation of water for drinking water supply. Other purposes are provision of minimum flow under the dam, the energy use of water outflow from the reservoir and contribution to flood protection. The dam of the reservoir is the only arch dam in the Czech Republic.

The summary of the physical characteristics of the Vrchlice is as follows:

Source

- location Černíny, Upper Sázava Hills
- elevation 488 m (1,601 ft)

Mouth

- location Klejnárka
- coordinates 49°58'16"N 15°19'11"E
- elevation 204 m (669 ft)

Length 30.0 km (18.6 mi)

Basin size 133.3 km² (51.5 sq mi)

Discharge

- average 0.53 m³/s (19 cu ft/s) near estuary

Basin features

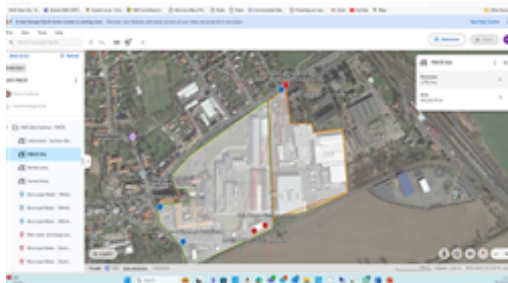
Progression Klejnárka→ Elbe→ North Sea

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Client Description and Site Details



Site map.jpg

Client/Site Background

The Philip Morris ČR, a.s site can be found in Kutná Hora (in the middle of the Czech Republic). Kutná Hora is a town in the Central Bohemian Region of the Czech Republic. It has about 21,000 inhabitants. The centre of Kutná Hora, including the Sedlec Abbey and its ossuary, was designated a UNESCO World Heritage Site in 1995 because of its outstanding architecture and its influence on subsequent architectural developments in other Central European city centres. Since 1961, the town centre is also protected by law as an urban monument reservation, the fourth largest in the country.

The Philip Morris ČR, a.s., factory in Kutná Hora was established in 1812. Today, it exports its products to 46 countries around the world. More than 800 employees work here. Philip Morris ČR, a.s., is a subsidiary of Philip Morris International (PMI), and the largest producer and seller of tobacco products in the Czech Republic. The company can be found on the Prague Stock Exchange. They own a 99 percent business share in the Philip Morris Slovakia s.r.o. company.

The green area on the attached map is owned by PMCR and the orange area is rented by PMCR.

There are three incoming water points on site and all are operated by Municipal company Vrchlice-Maleč a.s. There are two wastewater discharge points on site and these are operated by Municipal company Vrchlice-Maleč a.s.. The waste water goes to the WWTP (operated also by the municipal company). There are two discharge points for rain water from site, the water goes to the Vrchlice river (through the main storm sewer). The site is able to control closure in case of an environmental incident.

Summary of Shared Water Challenges

Summary of Shared Water Challenges

The facility's Identification of shared water challenges was based on communication with the stakeholders and a questionnaire. The sites shared water challenges were as follows:

- Improvement of water governance
- Disclosing important communication about water management
- Sustainable water balance
- Good water quality in the site and the catchment, IWRAS, WASH
- Education about water topics, antilittering

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0.1 General Requirements for Single Sites, Multi-Sites and Groups	
0.1.1	Eligibility Criteria
0.1.1.1	The site(s) occupy one catchment OR an exception has been granted.
Comment	The site occupies one catchment.
0.1.1.2	The scope of the proposed certification shall be under the control of a single management system.
0.1.1.3	The scope of the proposed certification shall be homogeneous with respect to primary production system, water management, product or service range, and the main market structures.

Yes

Yes

Yes

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1 STEP 1: GATHER AND 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.

 in progress

Comment The map of the Site with all the entry points of water to the site, discharge points from site and some infrastructure is here:
<https://earth.google.com/web/@49.91247729,15.25510898,327.97495697a,61124.25873812d,35y,0h,0t,0r/data=CgRCaggBMikKJwolCiExd3I2US05QUVDSW5mQ1oxTGxXS1NOeXNUcDdXYVJqaFMgAToDCgEw>

- Site boundaries; - seen here '1.1 The Site'

- Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; found here 'Water management in Kutna Hora factory 2024-Model (1)' The facility did not show as part of infrastructure, the wells on site.

- Any water sources providing water to the site that are owned or managed by the site or its parent organization; The facility explained the main source of water for municipality as the Vrchlice river and discharge after treatment as Vrchlice river. However it is understood that the site has a number of wells however this was not shown or discussed by the site.

- Water service provider (if applicable) and its ultimate water source; The water service provider was the municipal company Vodohospodářská společnost Vrchlice – Maleč, a.s. and its source of water is the Vrchlice Reservoir.

- Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies; come of it is explained in the document '1.1 The Site' 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.

- Catchment(s) that the site affect(s) and is reliant upon for water - The facility has delineated the physical scope in terms of surface water as well as the aquifer for the wells on site and delineated the extent on the surface.

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1.2 *Understand relevant stakeholders, their water related challenges, and the site's ability to influence beyond its boundaries.*

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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.

Comment The process for identifying stakeholders was outlined in the documents AWS_Stakeholders_CZ_Kutna_Hora_2020-2024_(2) and AWS Stakeholders Mapping. The identification process was discussed in detail. Stakeholders and their associated water-related challenges are documented in column G of AWS_Stakeholders_CZ_Kutna_Hora_2020-2024. A survey was conducted at the facility, and the results helped define shared water challenges.

The identification process ensured inclusive coverage of all relevant stakeholder groups, including vulnerable populations, women, minorities, and Indigenous communities. For instance, the site included NGOs such as Benediktus z.s., which works with disabled individuals in the catchment area.

The physical scope of stakeholder engagement considers representatives of both the site's primary water source and its receiving water bodies. In this case, the Virchlice River is identified as both the ultimate water source and discharge point for the site. Stakeholders representing these aspects are mapped out here:
<https://earth.google.com/web/@49.91247729,15.25510898,327.97495697a,61124.25873812d,35y,0h,0t,0r/data=CgRCaggBMikKJwolCiExd3I2US05QUVDSW5mQ1oxTGxXS1NOeXNUcDdXYVJqaFMgAToDCgEw>

Evidence of stakeholder consultation on water-related interests and challenges is recorded in AWS Comm. Timeline 2023-2024 (1), and was conducted through various means such as emails, phone calls, and questionnaires.

The varying ability or willingness of stakeholders to participate was acknowledged, as highlighted in AWS_Stakeholders_CZ_Kutna_Hora_2020-2024_(2).

The degree of stakeholder engagement, based on their level of interest and influence, was also identified in AWS_Stakeholders_CZ_Kutna_Hora_2020-2024_(2).

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.*



Comment The degree of stakeholder engagement, based on their level of interest and influence, was identified in AWS_Stakeholders_CZ_Kutna_Hora_2020-2024_(2). The physical scope of stakeholder engagement considers representatives of both the site's primary water source and its receiving water bodies. In this case, the Virchlice River is identified as both the ultimate water source and discharge point for the site. Stakeholders representing these aspects are mapped out here:
<https://earth.google.com/web/@49.91247729,15.25510898,327.97495697a,61124.25873812d,35y,0h,0t,0r/data=CgRCaggBMikKJwolCiExd3I2US05QUVDSW5mQ1oxTGxXS1NOeXNUcDdXYVJqaFMgAToDCgEw>

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.*

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1.3.1	Existing water-related incident response plans shall be identified.	<div><div></div><div>Yes</div></div>
Comment	The site has one incident response plan which encompasses 23 local response plans dedicated to each area where any dangerous material is located in the Site.	
1.3.2	Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped	<div><div></div><div>in progress</div></div>
Comment	<p>The facility provided a Sankey diagram of the water utilization on site for various processes. An excel sheet tracking the factory water consumption rate was provided. A water distribution chart was also provided.</p> <p>The site indicated that it monitors flows as well as losses through an alarm system installed on site. Main Water meters are connected to PLC control system which acquires data continuously and automatically. Aggregated value is sent to central database (e-Sight system) every 15 minutes.</p> <p>After data receipt the eSight system checks if alarm rule threshold is exceeded or not. If yes, then alarm is raised and warning is sent to dedicated group of users by e-mail. eSight sends alarm to users repeatedly until the rule is false.</p>	
Finding No: TNR-013095		
1.3.3	Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.	<div><div></div><div>Obs.</div></div>
Comment	<p>The facility provided a Sankey diagram of the water utilization on site for various processes. An excel sheet tracking monthly and yearly the factory water consumption rate was provided. The site provided information that it indicated that 82% of water used was from Municipal source while 18% was from the site's wells. The aquifer from which the water is withdrawn is not stated and remains unknown and therefore it is not clear if this percentage split would later pose a threat to good water balance for communities in the catchment or environment as a whole. The monthly factory water consumption rate was always below the KPI for January to December 2023.</p>	
1.3.4	Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.	<div><div></div><div>in progress</div></div>
Comment	<p>Water quality of the site's Hot water, well water, drinking water, oil separator and wastewater as well as site effluent and Virchlice River (receiving water body) was provided. There was one exceedance in quarter 1 & 2 2023 of C10-C40 limit of 0.5mg/l at the oil separator. It is not clear how this was resolved.</p>	
Finding No: TNR-013660		
1.3.5	Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.	<div><div></div><div>Yes</div></div>
Comment	<p>The potential pollution sources on-site are outlined in the 'Emergency Plan PMCR 2022 English'. The plan specifies the locations of these potential sources, along with a comprehensive list of possible pollutants. Material Safety Data Sheets (MSDS) are available at each site where pollutants may be used, and there is also a dedicated SharePoint database for MSDS, accessible to all employees. This database is managed by the Sustainability department.</p>	
1.3.6	On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.	<div><div></div><div>Yes</div></div>

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Comment	The site reported having extensive green areas, including trees, shrubs, and flowers, which contribute to water retention in the environment and enhance employee well-being. They emphasized their commitment to properly caring for the natural spaces on-site by consulting with arborists. To support this, they use the Check Trees application (Stromy pod kontrolou), designed for professional arborists. This tool facilitates tree inventory by providing details such as tree location on a map, dimensions, condition assessments, proposed treatments, and information on any associated organisms.	
1.3.7	<i>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.</i>	 in progress
Comment	Annual water-related costs for 2023, including Total Water Maintenance 2023, Water and Sewer Charges, Communication, consultations, trainings, and Environmental Projects & Social Donations were provided however a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site was not identified .	
	Finding No: TNR-013100	
1.3.8	<i>Levels of access and adequacy of WASH at the site shall be identified.</i>	 Yes
Comment	The site provided quantities, mapped locations and confirmed adequacy by comparing to legislation requirement.	
1.4	<i>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.</i>	
1.4.1	<i>The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.</i>	 Yes
Comment	The facility provided evidence that the primary inputs were not from the site's catchment.	
1.4.2	<i>The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.</i>	 Yes
Comment	The embedded water use of outsourced services were identified, the services however originate outside the site's catchment.	
1.5	<i>Gather water-related data for the catchment, including water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH</i>	
1.5.1	<i>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.</i>	 Yes

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Comment	<p>The facility has implemented various government plans and initiatives related to water management, including:</p> <ul style="list-style-type: none"> - National Strategy: A long-term goal of drought prevention, with one of the key actions being tree planting. - Water Quality Initiatives - Elbe River Management Initiatives <p>Based on these government plans, the facility has adopted the following measures:</p> <p>1. Project: Improvement of Oxygen Levels in the Vrchlice Reservoir Objective: To enhance oxygen levels in the Vrchlice water reservoir. Method: Utilizing electromagnetic radiation-based equipment from Canadian company EMFLUIDS.</p> <p>2. Project: Reduction of Pesticides in the Vrchlice Reservoir Objective: To reduce pesticide levels in the Vrchlice reservoir. Method: Ongoing negotiations with farmers, representatives of the Elbe River Basin, s.p., and the Ministry of the Environment.</p> <p>3. Project: Utilization of Rainwater on Company Premises Objective: To replace the current groundwater source for irrigating greenery with rainwater. Method: Diverting rainwater from the company's rooftops to an underground reservoir for irrigation purposes.</p>	
1.5.2	<i>Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.</i>	 Yes
Comment	The facility identified applicable water-related legal and regulatory requirements here '20 Envi Legal&Doc. Register English'.	
1.5.3	<i>The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.</i>	 Yes
Comment	The site provided information which seems to suggests that the catchment area could possibly be facing a deficit now and in the future for both surface and underground water. https://hamr.chmi.cz/povrchove-2024-35	
1.5.4	<i>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.</i>	 Yes
Comment	<p>Water quality, including physical, chemical, and biological status, of the catchment was identified, and quantified in the following sheets:</p> <ul style="list-style-type: none"> - ČOV KH 2023 English - Vrchlice_River_Water Quality_2024 English - Vrchlice Quality 2020-2024 English <p>All results seem to be within legislative requirements.</p>	
1.5.5	<i>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.</i>	 Yes
Comment	Important Water-Related Areas were identified, and mapped but their status assessed in '1.5.5 IWRAS' attachment.	
1.5.6	<i>Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.</i>	 Yes

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Comment	Existing and planned water-related infrastructure was identified e.g. The Kutnohorský - ýáslavsko project includes the intensification of two large central wastewater treatment plants in Kutná Hora and ýáslav, as well as the completion of new sewerage in locations where a sewerage system has not yet been built, in the towns of Kutná Hora, Uhlýské Janovice, Zruř nad Sázavou and Sázava. Information on the Vrchlice Dam was provided as well as the expected construction works. Overall the status of infrastructure in the catchment seem fairly good with planned upgrades.	
1.5.7	<i>The adequacy of available WASH services within the catchment shall be identified.</i>	 Yes
Comment	From the information provided here; '1.5.7 CR & Catchment WASH (1)' the status of WASH services within the catchment seems adequate.	
1.6	<i>Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.</i>	
1.6.1	<i>Shared water challenges shall be identified and prioritized from the information gathered.</i>	 Obs.
Comment	Shared water challenges were identified and prioritized from the information gathered from stakeholders. They included the following: - Improvement of water governance - Disclosing important communication about water management - Sustainable water balance - Good water quality in the site and the catchment, IWRAS, WASH - Education about water topics, antilittering	
1.6.2	<i>Initiatives to address shared water challenges shall be identified.</i>	 Obs.
Comment	The facility provided projects they are involved in as initiatives to address shared water challenges. This included - Communication with Ministry of Environment on drought - Elbe catchment - water quality and oxygen in Vrchlice project - KH office discussion about Vrchlice status - Labe Catchment - pesticides in Vrchlice and dam - Lets clean up Cechia project	
1.7	<i>Understand the site's water risks and opportunities: Assess and prioritize the water risks and opportunities affecting the site based upon the status of the site, existing risk management plans and/or the issues and future risk trends identified in 1.6.</i>	
1.7.1	<i>Water risks faced by the site shall be identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.</i>	 in progress
Comment	Water risks faced by the site were identified, and their risk level shown. The WWF filter used was for 2021. The following were missing - water risks were not prioritized - potential costs and business impact	
		Finding No: TNR-013164
1.7.2	<i>Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.</i>	 Yes

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Comment	Water-related opportunities were identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities. For example,
	Risk Drought occurrence and predicted increase in the future
	Opportunities Decrease in potable water use by optimization of on-site procedures
	Value generation: - increased common understanding of shared water challenges to prioritize actions - cooperation understanding and values towards common objectives and outcomes related to water management - Reduction of water removal from the catchment area
	Kutna Hora factory is increasing water efficiency and decreasing its water consumption rate by use of innovative technology (i.e. new irrigational solutions, automatic washingmachines in secondary etc.)
	KH factory is also sustaining good water governance and implementing best water-management practices in the local territory.
1.8	<i>Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.</i>
1.8.1	<i>Relevant catchment best practice for water governance shall be identified.</i> ✔ Yes
Comment	The following relevant catchment best practices for water governance were identified: - slide 3 - OHV certification with Ministry of Environment is one of the voluntary tools of the Ministry of the Environment for the protection of water resources. - Slide 5 HAMR - a tool for predicting the state of water resources on a long-term scale and its subsequent interpretation in Drought Management Plans, the Long-Term Drought type plan and a treasure trove for "Dry Commissions". - Slide 4 Drought and Water Scarcity Management Plan for the territory of the Czech Republic. The current state of the drought can be monitored on the special HAMR website (System for assessing drought and moisture with predictions for up to 8 weeks), or on the website of the Czech Hydrometeorological Institute.
1.8.2	<i>Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.</i> ✔ Yes
Comment	The following relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) were identified: - Drought and Water Scarcity Management Plan for the territory of the Czech Republic If, as a result of a drought, the requirements for water use exceed the available water sources, the necessary restrictions on water management at the level of water authorities are insufficient and it is necessary to take additional measures according to § 87k of the Water Act, the governor of the region declares a state of water shortage for the affected area. In this area, the Regional Drought Commission or the Central Drought Commission takes the necessary measures. The current state of the drought can be monitored on the special HAMR website (System for assessing drought and moisture with predictions for up to 8 weeks), or on the website of the Czech Hydrometeorological Institute.
1.8.3	<i>Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.</i> ✔ Yes

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Comment	<p>The following relevant sector and/or catchment best practice for water quality were identified as follows:</p> <p>Surface water monitoring program</p> <p>In 2023, surface water monitoring continued in accordance with the update of the Surface Water Monitoring Program in the area of the Upper and Middle Elbe sub-basin and the Lusatia sub-basin of the Nisa and other tributaries of the Odra and the whole section of the lower Elbe on period 2019–2024, which was approved by the Ministry of Agriculture and the Ministry of the Environment.</p> <p>Monitoring also included requirements resulting from international obligations in the protection of the Elbe River and in the protection of border waters. In 2023, the monitoring of substances from the pilot list (the so-called Watch list) continued according to European standards Directive No. 2008/105/EC (as amended by Directive No. 2013/39/EC).</p>	
1.8.4	<i>Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.</i>	 Yes
Comment	<p>The following relevant catchment best practice for site maintenance of Important Water-Related Areas was identified:</p> <p>Surface water monitoring program</p> <p>From the evaluation of the long-term monitored water temperatures at the surface, it follows that the year 2023 was significantly above average.</p> <p>Increasing water temperature is also associated with lengthening length of period with increased evaporation and changes in chemistry tanks. The trend of increasing water temperature still continues.</p> <p>In late spring and in the summer season on deeper reservoirs (VD Vrchlice) as usually shaped by temperature stratification.</p>	
1.8.5	<i>Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.</i>	 Yes
Comment	<p>The following relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services were identified:</p> <p>The development of the HAMR system tool is financed by the Ministry of the Environment of the Czech Republic, together with other activities dealing with the impact of drought, adaptation measures, monitoring and climate change (more at www.suchovkrajine.cz).</p>	

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2 STEP 2: COMMIT & PLAN - Commit to be a responsible water steward and develop a Water Stewardship 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	<p>A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:</p> <ul style="list-style-type: none">- 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.	<div> Yes</div>
Comment	<p>A signed and publicly disclosed site statement was identified. The document included the following commitments as follows:</p> <ul style="list-style-type: none">- That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcome - yes- That the site's stakeholders will be engaged in an open and transparent way - yes- That the site implementation will be aligned to and in support of existing catchment sustainability plans - yes- That the site will allocate resources to implement the Standard. - yes	
2.2	Develop and document a process to achieve and maintain legal and regulatory compliance.	
2.2.1	<p>The system to maintain compliance obligations for water and wastewater management shall be identified, including:</p> <ul style="list-style-type: none">- Identification of responsible persons/positions within facility organizational structure- Process for submissions to regulatory agencies.	<div> Obs.</div>
Comment	<p>Red -online system covers all documents</p> <ul style="list-style-type: none">- Identification of responsible persons/positions within facility organizational structure - column I in the document ' 2.2.1 The system to maintain compliance obligations for water and wastewater management English'- Process for submissions to regulatory agencies.- the facility provided an example of waste water report submitted to the municipality but the evidence of submission was not provided. Column E of ' 2.2.1 The system to maintain compliance obligations for water and wastewater management English' shows how PMCR fulfills the law.	
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.	<div> Yes</div>
Comment	A water stewardship strategy was provided defining the overarching mission, vision, and goals of the organization towards good water stewardship in line with the AWS Standard.	

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2.3.2	<p><i>A water stewardship plan shall be identified, including for each target:</i></p> <ul style="list-style-type: none"> - <i>How it will be measured and monitored</i> - <i>Actions to achieve and maintain (or exceed) it</i> - <i>Planned timeframes to achieve it</i> - <i>Financial budgets allocated for actions</i> - <i>Positions of persons responsible for actions and achieving targets</i> - <i>Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.</i> 	 Obs.
Comment	<p>A Kutna Hora 2023 water stewardship plan was identified, including for each target:</p> <ul style="list-style-type: none"> - How it will be measured and monitored - Column I - Actions to achieve and maintain (or exceed) it - column L - Planned timeframes to achieve it - columns Q & R - Financial budgets allocated for actions - column V - Positions of persons responsible for actions and achieving targets - Column O - Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes. - Column T, F <p>A Kutna Hora 2024 water stewardship plan was identified, including for each target:</p> <ul style="list-style-type: none"> - How it will be measured and monitored -Not provided - Actions to achieve and maintain (or exceed) it - column J - Planned timeframes to achieve it - columns O & P - Financial budgets allocated for actions - column T - Positions of persons responsible for actions and achieving targets - Column M - Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes. - Column R & F 	
2.4	<p><i>Demonstrate the site's responsiveness and resilience to respond to water risks</i></p>	
2.4.1	<p><i>A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.</i></p>	 Yes
Comment	<p>The facility indicated that Row 28 of WSP 2024 & Row 31 of WSP 2024 - actions addressing the shared water challenge which was contamination of Vrchlice river was developed through engagement with Elbe Catchment, Aqua-monitoring, Kutna Hora factory employees, ISS and Kutna Hora Water Management office.</p>	

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3	STEP 3: IMPLEMENT - Implement the site's stewardship plan and improve impacts	
3.1	<i>Implement plan to participate positively in catchment governance.</i>	
3.1.1	<i>Evidence that the site has supported good catchment governance shall be identified.</i>	✓ Yes
Comment	The facility provided the following projects as evidence that the site has supported good catchment governance : PPMI Team AWS Meetings – Global PMI Team Water Summit 2023 EnviProgram, 90 Days Plan, DDS Daily/weekly Meeting, KPIs ISO certifications, external and internal audits/trainings "River as a textbook" Reward & Recognition Program - Envi Idea	
3.1.2	<i>Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.</i>	✓ Yes
Comment	The facility provided the following projects as evidence of measures identified to respect the water rights of others that are not part of legal and regulatory requirements Worlds Clean Up Day 2023 - spring and autumn Oxygenation project for the Vrchlice Dam	
3.2	<i>Implement system to comply with water-related legal and regulatory requirements and respect water rights.</i>	
3.2.1	<i>A process to verify full legal and regulatory compliance shall be implemented.</i>	✓ Yes
Comment	The facility provided audit reports for 2022 & 2023 as well as water related legal & regulatory requirements to show that they have a process to verify full legal and regulatory compliance.	
3.2.2	<i>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.</i>	✓ Yes
Comment	The facility indicated that the measures identified to respect the water rights of others include - Closure of rain traps to prevent Oil spillages leaving the site - Meeting legislative requirements of wastewater quality measurements.	
3.3	<i>Implement plan to achieve site water balance targets.</i>	
3.3.1	<i>Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.</i>	✓ Yes
Comment	The facility provided the following evidence to demonstrate progress towards meeting water balance targets set in the water stewardship plan - Installation of automatic washing machines in secondary for pitstops - saves more water - Using of well water in boiler room - Tank for rain water - Partly reinstallation of water batteries in bathrooms	
3.3.2	<i>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.</i>	✓ Yes

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Comment	The facility provided the following evidence to demonstrate reduced volumetric total use as well as improve the site's water use efficiency: - Installation of automatic washing machines in secondary for pitstops - saves more water - Using of well water in boiler room - Tank for rain water - Partly reinstallation of water batteries in bathrooms	
3.3.3	<i>Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.</i>	 Yes
Comment	This indicator is not applicable to the site.	
3.4	<i>Implement plan to achieve site water quality targets</i>	
3.4.1	<i>Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.</i>	 Yes
Comment	The facility provided the following evidence to demonstrate progress towards meeting water quality targets set in the water stewardship plan - Water quality measurements 2023 - Pesticides from fields in Vrchlice river - training farmers, oxygenation of Vrchlice river row 41 - Catchment water quality mapping	
3.4.2	<i>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.</i>	 Yes
Comment	The facility provided the following evidence to demonstrate achieving best practice for the site's effluent - Water quality measurements 2023 - Pesticides from fields in Vrchlice river - training farmers, oxygenation of Vrchlice river row 41 - Catchment water quality mapping	
3.5	<i>Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.</i>	
3.5.1	<i>Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.</i>	 Yes
Comment	The facility provided the following evidence to demonstrate enhancement of the site's Important Water-Related Areas: - Maintenance of green areas in the Site - Worlds Clean Up Day 2023 - spring and autumn - Anti-littering campaign "Cigaretovnik" - Collective system NEVAJGLUJ a.s - Project: www.KAMsNIM.cz for municipalities - Other Circular programs - Project: A BEETLE, A BUTTERFLY, A BUMBLEBEE, A BEE – NATURE MAKES US - "Dobzučelo" = The device dozed	
3.6	<i>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.</i>	
3.6.1	<i>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.</i>	 Yes

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Comment	The facility provided the following evidence to demonstrate the site's provision of adequate access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers onsite: - PMI and PMCR EHS commitment - Cleaning of the factory area - Bathroom reconstructions - Collection of used items for the charity bazaar - National Day of Corporate Volunteering	
3.6.2	<i>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.</i>	 Yes
Comment	The facility provided the following evidence to demonstrate 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. - PMI and PMCR EHS commitment - Cleaning of the factory area - Bathroom reconstructions - Collection of used items for the charity bazaar - National Day of Corporate Volunteering	
3.7	<i>Implement plan to maintain or improve indirect water use within the catchment:</i>	
3.7.1	<i>Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.</i>	 Yes
Comment	The facility provided evidence that the indirect water use targets were set in the water stewardship plan in row 23 with an aim of sharing best practices, documents, data, experiences and possible cooperation. It should be noted that outsourced services and primary inputs are not in the facility's catchment.	
3.7.2	<i>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.</i>	 Yes
Comment	The facility provided evidence of engagement with suppliers and service providers.	
3.8	<i>Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.</i>	
3.8.1	<i>Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.</i>	 Yes
Comment	The facility provided evidence of engagement with the following public entities: - Elbe Catchment Department, - Kutna Hora Town - Water Department - Water & Waste water Provider	
3.9	<i>Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.</i>	
3.9.1	<i>Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.</i>	 Yes

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Comment	The facility provided the following actions towards achieving best practice, related to water governance: PMI Team AWS Meetings Water Summit 2023 EnviProgram, 90 Days Plan, DDS, KPIs Internal and external ISO Audits Emergency preparedness plans updates "River as a textbook" Reward & Recognition Program - Envi Idea	
3.9.2	<i>Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.</i>	 Yes
Comment	The facility provided the following actions towards achieving best practice, related to targets in terms of water balance: Installation of automatic washing machines in secondary for pitstops Using of well water in boiler room Tank for rain water Partly reinstallation of water batteries in bathrooms Water savers in logistic (2024)	
3.9.3	<i>Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.</i>	 Yes
Comment	The facility provided the following actions towards achieving best practice, related to targets in terms of water quality Water quality measurements 2023 Pesticides from fields in Vrchlice river Catchment water quality mapping Worlds Clean Up Day 2023 - spring and autumn	
3.9.4	<i>Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.</i>	 Yes
Comment	The facility provided the following actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas: Maintenance of green areas in the Site Project: A BEETLE, A BUTTERFLY, A BUMBLEBEE, A BEE – NATURE MAKES US "Dobzučelo" = The device dozed Worlds Clean Up Day - spring and autumn Anti-littering campaign "Cigaretovnik" Collective system NEVAJGLUJ a.s Project: www.KAMsNIM.cz for municipalities	
3.9.5	<i>Actions towards achieving best practice related to targets in terms of WASH shall be implemented.</i>	 Yes
Comment	The facility provided the following actions towards achieving best practice related to targets in terms of WASH: PMI and PMCR EHS commitment Cleaning of the factory area Bathroom reconstructions Collection of used items for the charity bazaar National Day of Corporate Volunteering	

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4 STEP 4: EVALUATE - Evaluate the site's performance.

- 4.1** *Evaluate the site's performance in light of its actions and targets from its water stewardship plan and demonstrate its contribution to achieving water stewardship outcomes.*
- 4.1.1** *Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.* ✔ Yes
- Comment The facility has indicated evaluation dates per target in column 'S' for 2023 Water Stewardship Plan. The status for each project was indicated in column 'U'. Column 'W' indicates priority of the activity in colors as follows:
Low - Green - Low impact for organization/catchment, low effort, little time for preparation. The action doesn't influence the goal/water challenge a lot, it is not law/PMI requirement.
Medium - Yellow - Medium impact for organization/catchment, medium effort, more time for preparation. The action influences the goal/water challenge, it is not law requirement, can be PMI requirement.
High - Red - High impact for organization/catchment, high effort, a lot of time for preparation. The action influences the goal/water challenge a lot, it is law/PMI requirement.
- 4.1.2** *Value creation resulting from the water stewardship plan shall be evaluated.* ➤ in progress
- Comment Evidence of evaluation of value creation resulting from water stewardship plan was provided in column 'AH' however the comment for all actions for 2023 was 'same'. It remains unclear what this means.
Finding No: TNR-013313
- 4.1.3** *The shared value benefits in the catchment shall be identified and where applicable, quantified.* ✔ Yes
- Comment Columns AE to AG of the 2023 Water stewardship plan provide the values to the catchment.
- 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.* ➤ in progress
- Comment The facility shared a list of previous (2023) incidences however a report that evaluates and proposes preventative and corrective actions, as well as mitigations against any future incidents was not clearly identified in the evidence provided '4.2 Evaluate the impacts of water-related emergency incidents'.
Finding No: TNR-013322
- 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.* ➤ in progress
- Comment The facility identified consultation efforts with stakeholders by providing multiple evidence of engagement however, an assessment of the effectiveness of the site's engagement process was not clearly articulated in the attached document 'AWS Comm. timeline 2023-2024'.
Finding No: TNR-013327

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4.4	<i>Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.</i>	
4.4.1	<i>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.</i>	 in progress
Comment	The facility provided two water stewardship plans for 2023 and 2024 but modified changes were not clearly identified.	Finding No: TNR-013328

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5	STEP 5: COMMUNICATE & DISCLOSE - Communicate about water stewardship and disclose the site's stewardship efforts	
5.1	<i>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.</i>	
5.1.1	<i>The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.</i>	
Comment	The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations were disclosed on page 5 of the 2023 report titled 'pmcr-zpráva-o-vodě-2023'.	
5.2	<i>Communicate the water stewardship plan with relevant stakeholders.</i>	
5.2.1	<i>The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.</i>	
Comment	The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, was communicated to relevant stakeholders on pages 9 to 13 of the 2023 report titled 'pmcr-zpráva-o-vodě-2023'.	
5.3	<i>Disclose annual site water stewardship summary, including: the relevant information about the site's annual water stewardship performance and results against the site's targets.</i>	
5.3.1	<i>A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.</i>	
Comment	A summary of the site's water stewardship performance, including quantified performance against targets, was disclosed on page 3 to 4 of the 2023 report titled 'pmcr-zpráva-o-vodě-2023'.	
5.4	<i>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.</i>	
5.4.1	<i>The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.</i>	
Comment	The site's shared water-related challenges and efforts made to address these challenges were disclosed on pages 9 to 13 of the 2023 report titled 'pmcr-zpráva-o-vodě-2023'.	
5.4.2	<i>Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.</i>	

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Comment The 2023 report titled pmcr-zpráva-o-vodě-2023 (page 10) outlines the site's efforts to engage stakeholders and collaborate with public-sector agencies. According to the English translation, these activities include:

In 2023, ongoing negotiations with the state enterprise Povodí Elbe addressed issues such as drought challenges in the watershed, water quality, pesticide contamination in the Vrchlice River, and potential cooperation opportunities with Povodí Elbe.

In October 2023, a seminar titled "Meaning water for the sustainability of the company, or water in the company not only within the framework of green reporting" was held at the Faculty of the Environment at the Czech University of Life Sciences in Prague. The event, supported by the Czech Ministry of the Environment, provided insights into using grey, green, and blue water and facilitated experience-sharing among representatives of other major companies.

In 2023, the EnviWeb.cz portal, which targets both the general public and environmental experts, reached out to the facility. As a result, the facility became a patron of Water Day within their EKOcalendar publication, where it showcased its water-related projects and activities. The EKOcalendar, produced by the Uklidme Česko association, provides information about environmentally themed holidays and 365 eco-tips for each day of the year.

5.5 *Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.*

5.5.1 *Any site water-related compliance violations and associated corrections shall be disclosed.*



Yes

Comment The site indicated that they have had no violations. On page 14 & 15 of the 2023 report titled 'pmcr-zpráva-o-vodě-2023' they have outlined the following measures taken to prevent violations.

The production plant in Kutná Hora has developed emergency plans to address potential accidents or threats to water safety, with employees trained for intervention. An on-site team from an external company is also available, specializing in managing accidents to prevent hazardous substances from leaking into the environment. The plan covers scenarios such as leaks of harmful substances and contaminated water during storage and handling, outlining methods for containment and removal.

Additionally, the facility is equipped with a special sump designed to capture wastewater from accidents, preventing contaminated water from reaching the nearby river during rainfall. This collected wastewater is then pumped out and disposed of by the Kutná Hora Fire Rescue Service, with whom the company collaborates closely.

5.5.2 *Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.*



Yes

Comment No violations were reported at the site.

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

Comment No violations were reported at the site.

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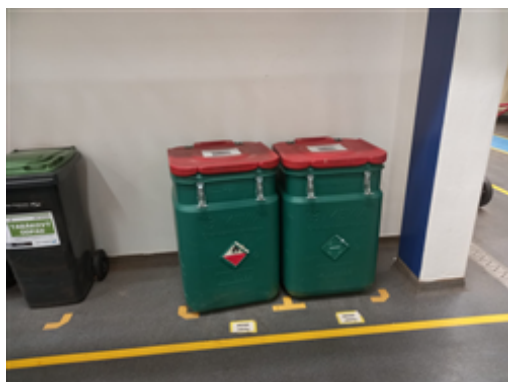
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Photographic Evidence from Audit

✓
Yes



Eye station and emergency kit.jpg



Emergency kit.jpg

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Coffe machine on site.jpg



Rain water exit.jpg

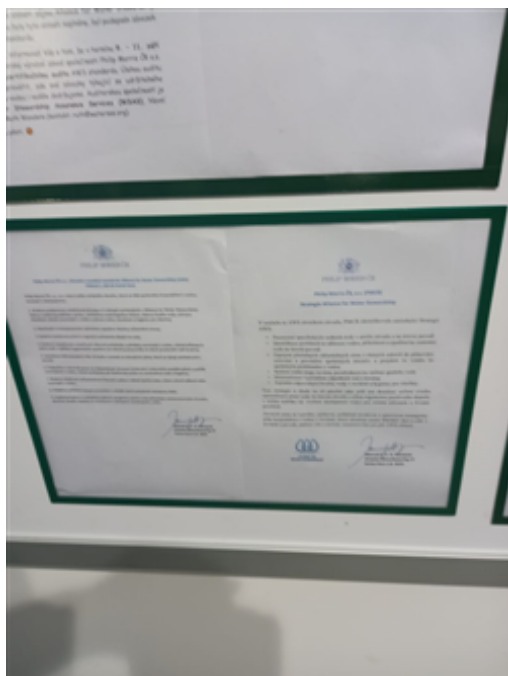
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WASH 2.jpg



AWS commitment displayed on site.jpg

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Hazardous chemical storage 3.jpg



Employee breakout room.jpg

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Drinking water dispenser on site.jpg



Hazardous chemical storage.jpg

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Toilets.jpg



Disabled toilet.jpg

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Menthol kitchen.jpg



Torrent 500 water cleaning and recycling unit.jpg

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Incoming water 2.jpg



Incoming water.jpg

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Oil tanks on site.jpg



Hazardous chemical storage 2.jpg

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Main well.jpg



Oil separator for parking.jpg

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Fire water tank 2.jpg



Waste management.jpg

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Toilet.jpg



Fire water tank.jpg

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WASH 3.jpg



Hygiene dispenser and sorted waste bins.jpg

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WASH.jpg



Noticeboard on site.jpg



Water Cleaning and recycling unit.jpg

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Cleaning point in secondary manufacturing.jpg



Disabled toilet 2.jpg

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Hazardous chemical storage 5.jpg



Hazardous chemical storage 4.jpg

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Rain water exit 2.jpg



Bathroom soap.jpg

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Upgrade or Downgrade of Certification

Justification for Upgrade or Downgrade


Comment Not applicable

Summary of Evidence which led to change

Comment Not applicable

Previous Findings

All non-conformities raised in the previous audit have been satisfactorily closed.


Yes