

Alliance for Water Stewardship Assessment Report

as per AWS Standard Version 2.0

For

PT. HM Sampoerna, Tbk. –Karawang Plant

Karawang International Industrial City, Jalan Permata Dua Lot B3, BB4B, BB7, BB8A Puseurjaya, Kec. Telukjambe Timur Kabupaten Karawang, Jawa Barat 41361 Indonesia

Prepared by: TÜV Rheinland Cert. Number: AWS-000351 Version: 2.0 Date: 19th November 2021



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1. Client and Certification Details

	PT. HM Sampoerna, Tbk. –Karawang		
Client Name:	Plant		
	Karawang International Industrial City,		
	Jalan Permata Dua Lot B3, BB4B,		
Audit location	BB7, BB8A Puseurjaya, Kec.		
Audit location.	Telukjambe Timur Kabupaten		
	Karawang, Jawa Barat41361		
	Indonesia		
Country:	Indonesia		
Activities/Processes:	Cigarette manufacturing		
Contact person:	Sibarani Triasni		
Contact email:	Triasni.Sibarani@sampoerna.com		
Company website:	https://www.sampoerna.com/		
AWS Reference Number:	AWS-000351		
Type of audit:	Conformity assessment		
Audit date(s):	8 th to 10 th November 2021		
Audit Standard:	V2.0 Core		
Proposed date of next audit:	10 th November 2022		
Audit report completed by:	lan Jiang		
Contact email:	lan.Jiang@tuv.com		



Executive Summary

The scope of service covers the conformity assessment of water management and usage for PT. HM Sampoerna, Tbk. –Karawang Plant. The assessment was completed in compliance with the AWS Standard Version 2.0 dated on Mar 2019.

PT. HM Sampoerna, Tbk. –Karawang Plant is a tobacco manufacturer, mainly producing a variety of tobacco products. The premises occupied about 580,000 square meters, and currently it has about 1300 employees. The production process for is primary process-secondary process- printing /packing processing.

The plant located in the Karawang International Industrial City. Surrounding are the different types of factories. The north side is a highway, and then a resident area of the industrial city. The plant uses the water provided by the Karawang International Industrial city, which is extracted from the water reservoirs. The plant also has a wastewater treatment plant. After onsite treatment, the wastewater is discharged to central wastewater treatment plant of the industrial city for final treatment.

The plant conducted the pre-assessment in 1 November 2021, during the pre-assessment, the plant provided the evidences compliant to the standard. The HM Sampoerna-Karawang plant is ready initial assessment the AWS standard Version 2.0- Core Level.

During 8th to 10th November, TÜV Rheinland conduct the hybrid conformity assessment for PT. HM Sampoerna, Tbk. –Karawang Plant. The lead auditor participated offsite, and the auditor participated onsite. During audit, onsite tour, document review, management interview and stakeholder interview were performed. Nil non-conformity was raised, and four observations were identified in the audit.

Certification level: Core

After thorough evaluation of the non-conformance and observations, in compliance with the AWS Certification Requirement V2.0, TÜV Rheinland auditor team would recommend to reward PT. HM Sampoerna, Tbk. –Karawang Plant AWS Core Certified status. Surveillance audit should be conducted on an annual basis.



2. Scope of Assessment

Client factories main products	Tobacco, Cigarette, Cigar
Client factories production	
processes	Primary process-Secondary process-Packing
Assessment preparations	
activities include:	Document review, stakeholder comments collecting
	Document review, management interview, employee
Assessment activities includes:	interview, site tour
Assessment follow-up activities	
includes (in any):	Nil





3. Description of the Catchment

Photo 1: The catchment map

PT. HM. Sampoerna, Karawng Plant operates in the Karawang Regency area, precisely in the middle of the Regency area. The location of the plant is located downstream of the Ci Subah watershed which is part of the Citarum River in West Java. Although it is included in the Citarum river area which has an upstream in Mount Wayang, the Ci Subah watershed has an upstream area located on Mount Sanggabuana which is the highest plateau closest to the Ci Subah watershed.





Photo 2: The sub-catchment map

The Ci Subah sub-watershed has an area of 41.31 Km2 (4131.38 ha) and is located in the Karawang Regency area. The watershed is located in 5 sub-districts and 7 villages, namely Telukjambe Timur District (Sirnabaya Village, Puseurjaya, Sukaluyu), West Telukjambe (Marga Mulya Village), Pangkalan (Tamanmekar Village), Tegalwaru (Kutalanggeng Village), and Ciampel (Parungmulya Village). The water will be discharged to Citarum River, and finally flow to Java Sea.





Photo 3: The map of the water source

All the incoming water is from Karawang International Industrial City, and they obtain the water from Jatiluhur water reservoir.(Waduk Jatiluhur on the map)



Site map and boundaries Karawang Plant

Address : Karawang International Industrial City, Jalan Permata Dua Lot B3, BB4B, BB7, BB8A, Puseurjaya, Kec. Telukjambe Tim., Kabupaten Karawang, Jawa Barat

Photo 4: The layout of the plant

The plant has four main production buildings, and a few warehouse buildings. The main utilities



include one water treatment building, one wastewater treatment plant and one boiler. The drink water is bottle water from third party.

Summary of the Stakeholder Interview

During the audit, auditor conducted the remote interview with stakeholders by phone call. Total 9 participants attended the stakeholder meeting. one were from the government agency (*Satgas Citarum Harum Sektor 16*), two from the NGO, one from the local village representative, one from the university and four from internal stakeholders (worker and contractor).

Based on the interviews with local stakeholders, overall the stakeholders were satisfied about the Sampoerna's effort on the water stewardship. The officers from government agency stated that the Sampoerna have done great contribution on the conservation of the local environment and watershed, such as the replantation, engaging with the local company for watershed protection. The NGO were appraised the environmental initiative that Sampoerna have conducted. The university worked with the Sampoerna on the project of the local ecosystem protection, Third party workers from internal stakeholders stated that they are awareness with colleagues and water conservation efforts.

All of these showed that the Sampoerna were leading the water stewardship in the local area.

Stakeholder name	Stakeholder type	Summary
SUN	NGO	The Company have done great contribution on the conservation such as tree
		planting, WASH program, program for access to clean water, and household
		waste disposal program. There is no negative impacts
Indonesia	NGO	The Company have done great contribution such as tree planting, WASH
Independent		program, and hydroponic. There is no negative impacts
WATCH		
Singaperbang	academics	The university worked with the Sampoerna on the project of the local
sa university		ecosystem protection
Satgas	government	The Sampoerna have done great contribution on the conservation of the local
Citarum	agency	environment and watershed, such as the replantation, engaging with the local
Harum Sektor		company for watershed protection. There is no negative impacts
16		
	Contractor	Activities: Cleaning Service (Internal and External).
ISS		Cooperation with ISS starts before 2020. Because there is good
		communication with Sampoerna, there has never been a complaint or
		complaint against the company.
Nalco	Contractor	Project WWTP – Monitoring water use.
		Regarding maintenance, checks are carried out every shift to ensure water
		use is carried out correctly. Leaks have never happened.
		There are no negative issues related to water.
		The water supply from KIIC never gets stuck.



Padi Hijau	Contractor	Activities: Water and Waste Treatment.
Buana		There have been no major problems related to WWTP at Sampoerna
		Karawang
Takenaka	Contractor	Activities: construction of building construction, including the manufacture of
		toilets, as well as damage to faucets.
		There have been no major problems related to WWTP and water at
		Sampoerna Karawang
Employee	Workers	The company is already committed to AWS.
		The mechanism for submitting complaints from stakeholders has been
		socialized.
		So far, if there are complaints from the public, they are submitted to the
		External Affairs Department, and communicated back to stakeholders the
		results of internal discussions that have been carried out.
		The website is also equipped with contacts that can be contacted, including
		communication media such as Facebook and Instagram.



4. Summary of Shared Water Challenges

Water-related challenges	Initiatives by related public institutions	Relevance to stakeholders	Relevance to site	Priority	Site's effort
Extreme events - flooding on KIIC (every year)	District Environmental Agency : no flooding in Karawang	daily activity disrupted	Operational disrupted It was clarified that flooding incidents in the past had nothing to do with SAMPOERNA	3	 increasing awareness about antilittering increasing awareness about water Together with SRC providing aid to the community which impacted by the flood disaster in Majalengka, Indramayu and Subang Deployment SAR team in Karawang to support BPBD Karawang on the flood disaster and provide aid to the community such as hygiene equipment, mineral water, tarpaulin
Water Risk : Water Depletion (low to medium), Water stress (medium - high) based on WRI data (Aqueduct)	District Environmental Agency : Withdrawal limitation and permit	Low availability of water	Projected drawdown water level	3	 Trees & vetiver planting DAS Citarum Sektor 16 Karawang Trees planting in Purwakarta Hydrophonics in Karawang Ground-water access in Karawang Baseline data research by Brawijaya University covering Citarum Sub catchment Coordination with KIIC as the responsible parties for water source Implement rainwater harvesting Water recycling from WWTP
Littering : Waste contaminating the surface rivers	District Environmental Agency : Citarum Harum Program	Need for clean river as one of important water resources	Opportunity to join effort for awareness raising campaign on preventing littering the rivers	3	 National Trash Day anti-littering campaign internally Baseline data research for Citarum sub-watershed upstream Public awareness project about anti-littering cigarette project



Water-related challenges	Initiatives by related public institutions	Relevance to stakeholders	Relevance to site	Priority	Site's effort
	National	Need WASH	Support	3	- Ground-water access
	Midterm Planning 2020-	implementation	government to implement 100%		Imporvement in Karawang - Implementation WASH Program
High risk on	2024 : The		good WASH		in Karawang, Cirebon,
unimproved/no	availability of a		implementation		Majalengka, and Bandung
drinking water	sustainable				
	drinking water				
	and sanitation				
	service system				
	National	Need WASH	Support	3	- MCK Komunal in Karawang
	Midterm	implementation	government to		- Hygience education in Karawang
	Planning 2020-		implement 100%		- Ground-water access
High risk on	2024 : Fulfilled		good WASH		imporvement in Karawang
unimproved/no	90% of access		implementation		- MCK Komunal in Purwakarta
sanitation	to proper				- Implementation WASH Program
	sanitation				in Karawang, Cirebon,
	(including 20%				Majalengka, and Bandung
	safe)				



5. Indicators Checklists

Per requirements set from the AWS certification requirements V2.0, below is a checklist of all the CORE AWS indicators. The documents reviewed/ processes reviewed are also indicated.



Criteria	Documents Reviewed
STEP 1: Gather and	Understand
 STEP 1: Gather and 1.1 Define the physical scope: 1.1.1 Map site boundaries; 1.1.2 Water-related infrastructure, including piping network, owned or managed by the site or its parent organization 1.1.3 Any water sources providing water to the site that are owned or managed by the site or its parent organization 1.1.4 Water service provider (if applicable) and its ultimate water source 1.1.5 Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies 1.1.6 Catchment(s) that the site affect(s) and is reliant upon for water 	Image: Second state of the state of th
 1.2 Understand relevant stakeholders: 1.2.1 Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified 	The company has a water catchment map. Based on the water catchment area, the plant is in the Ci Subah Watershed. Evidences: Layout of the plant and catchment map. Piping diagram of the plant. Ist of stakeholders Water-related challenges Current and potential degree of influence Other :
1.2.2 Current and potential degree of influence between site and stakeholder shall be identified	List of stakeholders was established, and their influence and interest were evaluated as well. The company has list of stakeholder on document
	"Stakeholder list". On document "Procedure SDES006-21 water management" it is also explained that for identifying the neighbour industry, the type of stakeholders, the stakeholders interest or concern and the stakeholders level of engagement to date Evidences: Stakeholders List



Criteria	Documents Reviewed
1.3 Gather water-related data for the site:	☑ Water-related incident response plans
1.3.1 Existing water-related incident response plans	\boxtimes Site water balance (in Mm ³ or m ³)
1.3.2 Site water balance, including inflows, losses, storage,	\boxtimes Water quality of the site's water source(s),
and outflows	provided waters, effluent and receiving water
1.3.3 Site water balance, inflows, losses, storage, and	bodies, such as water test reports
outflows, including indication of annual variance in water	Other :
usage rates. An indication of annual high and low variances	
shall be quantified for risky water-related challenge	The plant has established the 'SDES009-02 emergency
1.3.4 Water quality of the site's water source(s), provided	preparedness & response plan Karawang Plant' to
waters, effluent and receiving water bodies. An indication of	cope with the emergency.
annual, and where appropriate, seasonal, high and low	
variances shall be quantified for risky water-related	The plant has established the water balance map
challenge	(Sankey diagram) which indicated the input and output
1.3.5 Potential sources of pollution, including chemicals	of the water.
used or stored on site	
1.3.6 Mapping on-site Important Water-Related Areas,	The share in this is a stabilized in the discussion of the
including a description of their status including Indigenous	The chemical list is established including all the use
cultural values	cnemicais.
1.3.7 Annual water-related costs, revenues, and a	
description of quantification of the social, cultural,	The plant has assigned the qualify agent to conduct
1.3.8 Levels of access and adequacy of WASH at the site	regularly testing report for the effluent, and the testing
1.3.0 Levels of access and adequacy of WASH at the site	report of last 12 months were provided for review, all are
	compliant.
	No IWRA is identified with in the plant.
	The water-related cost, revenue of the site has been
	conducted.
	One observation is raised.
	The volume of discharged wastewater is estimated,
	and it is suggest to install meters to track the
	volume of final discharged wastewater (To KIIC).
	Evidences:
	SDES009-02 emergency preparedness & response
	plan Karawang Plant'
	Karawang Plant Site Water Balance(Sankey Diagram)
	2020-2021
	Water quality testing report



Criteria	Documents Reviewed
1.4 Gather data on the site's indirect water use:	☑ List of primary inputs
1.4.1 The embedded water use of primary inputs, including	List of outsourced services
quantity, quality and level of water risk within the site's	Other :
catchment	
1.4.2 The embedded water use of outsourced services shall	The plant has a list of all primary input including the leaf,
be identified, and where those services originate within the	cloves and chemicals, as well as the outsource
site's catchment, quantified	activities list.
	Evidences:
	Karawang Plant Primary Input list 2020-2021



Documents	Reviewed
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IXI Water governance initia	atives
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- Applicable water-related legal and regulatory requirements
- Catchment water balance (in Mm³ or m³)
- Documentation identifying Important Water-Related Areas (IWRA)

Other :

Criteria

1.5.1 Water governance initiatives shall be identified,

to help inform site of possible opportunities for water

1.5.2 Applicable water-related legal and regulatory

and/or stakeholder-verified customary water rights

and where appropriate, seasonal, variance

requirements shall be identified, including legally-defined

1.5.3 The catchment water-balance, and where applicable,

scarcity, shall be quantified, including indication of annual,

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,

1.5.6 Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to

1.5.7 The adequacy of available WASH services within the

using scientific information and through stakeholder

1.5.4 Water quality, including physical, chemical, and biological status, of the catchment shall be identified, and

including catchment plan(s), water-related public policies,

major publicly-led initiatives under way, and relevant goals

1.5 Gather water-related data for the catchment:

stewardship collective action

where possible, quantified

engagement

extreme events

catchment

The document "Water governance" has list all catchment plan or water-related public policy for national and regional level.

It also list all the applicable water-related laws and regulations.

The plant has consulted with vendor to conduct a study of the catchment, including the water balance, water quality and WASH services within the catchment.

The facility established 'Karawang-IWRA Risk Assessment' to list the IWRA within the catchment, and evaluated the status. IWRA included Citarum River, Jatiluhur Reservoir, Mount Rungking etc..

The plant conducted the investigation and found that no water-related infrastructure is constructed in the catchment area.

Evidences:

Water governance BASELINE STUDY HYDROLOGICAL CONDITIONS OF WATERSHED IN THE KARAWANG PLANT AREA

PT. HM. SAMPOERNA

Karawang-IWRA Risk Assessment



Criteria	Documents Reviewed		
1.6 Understand current and future shared water challenges in the	☑ List of shared water challenges		
catchment:	Other :		
1.6.1 Shared water challenges shall be identified and			
prioritized from the information gathered	The water challenges were listed and prioritized, based		
1.6.2 Initiatives to address shared water challenges	on the stakeholder's feedback and internal		
	assessment, such as extreme event, WASH of the		
	local.		
	Evidences:		
	Karawang-AWS Shared Water Challenge 2020- 2021		
1.7 Understand the site's water risks and opportunities:	\boxtimes List of water risks facing the site		
1.7.1 Water risks faced by the site shall be identified, and	\boxtimes List of water-related opportunities		
prioritized, including likelihood and severity of impact within	Other :		
a given timeframe, potential costs and business impact			
1.7.2 Water-related opportunities shall be identified,	The water risks and opportunities were identified and		
including how the site may participate, assessment and	evaluated.		
prioritization of potential savings, and business opportunities			
	Evidences: List of water risks and opportunities.		
1.8 Understand best practice towards achieving AWS outcomes:	☑ Relevant catchment best practices		
1.8.1 Relevant catchment best practice for water	Other :		
governance			
1.8.2 Relevant sector and/or catchment best practice for	The plant has identified relevant catchment best		
water balance (either through water efficiency or less total	practice for water governance, water balance, water		
water use)	quality, IWRA and WASH.		
1.8.3 Relevant sector and/or catchment best practice for			
water quality, including rationale for data source			
1.8.4 Relevant catchment best practice for site maintenance	Evidences:		
of Important Water-Related Areas	Best practices list.		
1.8.5 Relevant sector and/or catchment best practice for site			
provision of equitable and adequate WASH services			
STEP 2: Commit			



Criteria	Documents Reviewed
2.1 Commit to water stewardship:	Statement
2.1.1 A signed and publicly disclosed site statement OR	Other :
organizational document	
	 Water stewardship commitment (in English): This statement was prepared covering all the requirements of clause 2.1.1 of standards. It is signed by the Head of Manufacturing West (Mr. Kurnia Adhi Sulistyawan). The Water stewardship commitment has socialization to
	all employee through the SHARP application
	Evidences:
	Water Stewardship Commitment
2.2 Develop and document a process to achieve and maintain	Documented description of system
legal and regulatory compliance:	□Other :
2.2.1 The system to maintain compliance obligations for	
water and wastewater management shall be identified	The company has mechanism for maintaining legal compliance. Based on the documentation review "The SPCR007 QEHS Legal and Other Requirements" demonstrated the written statement of the legal compliance system and assigned the responsible person
	The process of identifying compliance with regulations is carried out every month.
	Flow Evaluation Compliance is established.
	Evidences:
	The SPCR007 QEHS Legal and Other Requirements
	Flow Evaluation Compliance



Criteria	Documents Reviewed	
2.3 Create a water stewardship strategy and plan:	☑ Water stewardship strategy	
2.3.1 A water stewardship strategy shall be identified that	⊠ Water stewardship Plan	
defines the overarching mission, vision, and goals of the	Other :	
organization towards good water stewardship in line with		
this AWS Standard	The company has A water stewardship strategy be	
2.3.2 A water stewardship plan shall be identified	identified that defines the overarching mission,	
	vision, and goals of the organization towards good	
	water stewardship in line with AWS Standard. This is	
	stated in document of water stewardship policy.	
	The company has A water stewardship plan 2021. Each	
	target covering all the requirements of indicator 2.3.2	
	of standard. For example, daily update water usage.	
	Evidences: Water Stewardship Plan 2020-2021	
2.4 Demonstrate the site's responsiveness and resilience to	⊠ Water risk mitigation plan	
respond to water risks:	Other :	
2.4.1 A plan to mitigate or adapt to identified water risks		
developed in co-ordination with relevant public-sector and	The water risks and opportunities were identified and	
infrastructure agencies	evaluated developed with relevant public-sector and	
	infrastructure agencies.	
	Evidences:	
	List of water risks and opportunities.	
STEP 3: Imple	ement	
3.1 Implement plan to participate positively in catchment	Good catchment governance evidence	
governance:	☑ Identified measures	
3.1.1 Evidence that the site has supported good catchment	Other :	
governance		
3.1.2 Measures identified to respect the water rights of	The site has developed Water Conservation and	
others including Indigenous peoples, that are not part of 3.1	preservation program for community, and worked	
	with the local government the enhanced the water	
	governance in the local area	
	Evidences:	
	Water Conservation and preservation program for	
	community.	



Criteria	Documents Reviewed	
3.2 Implement system to comply with water-related legal and	Legal and regulatory compliance verification	
regulatory requirements:	process	
3.2.1 A process to verify full legal and regulatory compliance	☑ Identified measures (if applicable)	
3.2.2 Where water rights are part of legal and regulatory	Other :	
requirements, measures identified to respect the water		
rights of others including Indigenous peoples	The government pay visit to the plant and issue the	
	report to describe the compliance and management	
	status of the plant. The plant obtain the evaluation	
	report from the government.	
	Evidences:	
	Government evaluation report	
3.3 Implement plan to achieve site water balance targets:	Status of progress	
3.3.1 Status of progress towards meeting water balance	☐ Water use efficiency annual target (if applicable)	
targets set in the water stewardship plan	Legally-binding documentation (if applicable)	
3.3.2 Where water scarcity is a shared water challenge,	Other:	
annual targets to improve the site's water use efficiency, or		
if practical and applicable, reduce volumetric total use shall	The plant set the target to reduce 2.7 m3/Mio cig water	
be implemented	use for per unit product in 2021, based on the	
3.3.3 Legally-binding documentation, if applicable, for the	progress report, the actual reduction is about 2.6	
re-allocation of water to social, cultural or environmental	m3/Mio cig until September 2021.	
needs		
	Evidences: Water consumption report and plan.	
3.4 Maintain or improve site water quality:	⊠ Status of progress	
3.4.1 Status of progress towards meeting water quality	Site's effluent best practice (if applicable)	
targets set in the water stewardship plan	Other :	
3.4.2 Where water quality is a shared water challenge,		
continual improvement to achieve best practice for the site's	Based on the testing report of the underground water	
effluent shall be identified and where applicable, quantified	year 2021, it show that the water quality maintain	
	compared with last year and still below threshold.	
	One observation is raised.	
	Make sure point of coordinate is correct in the document	
	testing result (waste water).	
	Evidences:	
	Water testing report.	



Criteria	Documents Reviewed	
3.5 Implement plan to maintain or improve the site's and/or	Practices set in the water stewardship plan	
catchments IWRAs:	Other :	
3.5.1 Practices set in the water stewardship plan to maintain		
and/or enhance the site's IWRAs shall be implemented	The plan conduct the risk assessment and engagement	
	with the government, the status of the IWRA may	
	maintain stable in the future 3 years.	
	Evidences:	
	IWRA Risk Analysis	
3.6 Implement plan to provide access to WASH:	Evidence of site's provisions of WASH	
3.6.1 Evidence of the site's provision of adequate access to	Evidence of site operations not affecting water	
safe drinking water, effective sanitation, and protective	rights of surrounding environment	
hygiene (WASH) for all workers onsite shall be identified	Other :	
and where applicable, quantified		
3.6.2 Evidence that the site is not impinging on the human	The site purchased the barrelled water for drinking	
right to safe water and sanitation of communities through	water. The site has provided sufficient sanitation facility	
their operations, and that traditional access rights for	in the workshop, and conducted the regular cleaning to	
indigenous and local communities are being respected, and	ensure the hygiene of the site.	
that remedial actions are in place where this is not the case,		
and that these are effective	Evidences:	
	Drinking water testing report.	
	WASH assessment.	
	WBCSD self-assessment tool	
3.7 Implement plan to maintain or improve indirect water use	☐ List of suppliers and service providers	
within the catchment:	Evidence of engagement with suppliers and	
3.7.1 List of suppliers and service providers, along with the	service providers	
actions they have taken as a result of the site's engagement	U Other :	
relating to indirect water use		
3.7.2 Evidence of engagement with suppliers and service	The plant launched the project aiming to trace the water	
taken in the catchment as a result of the site's engagement	consumption of the leaf and clove suppliers, also help	
related to indirect water use shall be identified	to capacity building and raise the awareness of the .	
related to malleot water use, shall be identified	water.	
	For outsource supplier, the plant started to track the	
	water consumption of them.	
	Evidences:	
	Karawang Plant Primary Input List 2021	
	Primary Input questionnaire to DIM vendor	
	Karawang Plant Indirect water user/Outsourced	
	services list	



Criteria	Documents Reviewed	
3.8 Notify the owners of shared water-related infrastructure of any	Evidence of engagement	
concerns:	Other :	
4.8.1 Evidence of engagement, and the key messages		
relayed with confirmation of receipt	The site has reported the water management plan and	
	concerns to the zone management authority	
	Evidences:	
	Engagement with Stakeholders	
3.9 Implement actions to achieve best practice towards AWS	Actions related to water governance	
outcomes:	Actions related to water balance	
3.9.1 Actions towards achieving best practice, related to	Actions related to water quality	
water governance	Actions related to IWRAs	
3.9.2 Actions towards achieving best practice, related to	Actions related to WASH	
targets in terms of water balance	Other :	
3.9.3 Actions towards achieving best practice, related to		
targets in terms of water quality	The plant has established a tracking form to track the	
3.9.4 Actions towards achieving best practice, related to	progress of the implementation of the best	
targets in terms of the site's maintenance of IWRAs	progress.	
3.9.5 Actions towards achieving best practice, related to		
targets in terms of WASH	Evidences:	
	Implementation Best Practice 2021	
STEP 4: Evaluate		



Criteria	Documents Reviewed	
4.1 Evaluate the site's performance:	Performance against targets	
 4.1 Evaluate the site's performance: 4.1.1 Performance against targets in the site's water stewardship plan and the contribution to achieving 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 	 Performance against targets Value creation The shared value benefits (if applicable) Other : The company has a management review document that is conducted every month. In the management review, topics related to campaign planning, AWS strategy and action plans, water performance, etc were discussed. In the management review, it also discusses the long-term AWS plan. In the plan there is information about challenges / risks, goals, actions, benefits One observation is raised. Select the most relevant performance indicators in the 	
	evaluation sheet, for example, input the number of	
	beneficiaries of local WASH project.	
	Evidences:	
	Performance review meeting minutes.	

Project tracking sheet.



Criteria	Documents Reviewed	
4.2 Evaluate the impacts of water-related emergency incidents:	A written annual review and root-cause analysis	
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	 Other : Once emergency report occurs, the company immediately conducts emergency response reporting and evaluation. During the past year there was no emergency response related to water. All events are recorded in the application ehsspms.app.pmi/, who can access this application is the EHS staff. Every time an emergency response occurs, it is also discussed in EHS meeting. The company has accident reporting and emergency 	
	response procedures. Evidences: Emergency respond plan.	
4.3 Evaluate the stakeholders' consultation feedback:	Stakeholder feedback	
4.3.1 Consultation efforts with stakeholders on the site's water stewardship performance shall be identified	☐ Other :	
	The plant has an external engaging team, and the team	
	is responsible for stakeholder's communication.	
	The team will collect the feedback from stakeholder and	
	communicate with the relevant departments.	
	The evaluation of the stakeholder are provided for review.	
	Evidences:	
	Response letters from various stakeholder.	



4.4 Evaluate and updated the site's water stewardship plan:
4.4.1 The site's water stewardship plan shall be modified
and adapted to incorporate any relevant information and lessons learned from the evaluations in this step and these changes shall be identified It's the first year that the site implemented the AWS standard, therefore the stewardship plan will be
updated in next year.
The site has established Strategy & Plan Document Evaluation, Review and Update process.
Evidences:
The site has established Strategy & Plan Documer
Evaluation, Review and Update process.
STEP 5: Communication and Disclosure
5.1 Disclose water-related internal governance of the site's Summary of governance
management:
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 <i>Internal Governance</i> " available to the public.
Evidences:
Water Internal Governance Chart
5.2 Communicate the water stewardship plan with relevant 🛛 Documented evidence of communicating
stakeholders:
5.2.1 The water stewardship plan, including how the water
stewardship plan contributes to AWS Standard outcomes,
shall be communicated to relevant stakeholders
shared water challenge on the workshop.
Evidences:
Water stewardship report
Stakeholder workshop record



Criteria	Documents Reviewed
5.3 Disclose annual site water stewardship summary:	☑ Water stewardship performance summary
5.3.1 A summary of the site's water stewardship	Other :
performance, including quantified performance against	
targets, shall be disclosed annually at a minimum	The plant has conducted the AWS workshop, and
	shared the water stewardship plan which included
	water stewardship plan, annual performance and
	shared water challenge on the workshop.
	Evidences:
	Water stewardship report
	Stakeholder workshop record
5.4 Disclose efforts to collectively address shared water	Disclosure evidence
challenges:	Other :
5.4.1 The site's shared water-related challenges and efforts	
made to address these challenges shall be disclosed	The plant has conducted the AWS workshop, and
5.4.2 Efforts made by the site to engage stakeholders and	shared the water stewardship plan which included
identified	water stewardship plan, annual performance and
	shared water challenge on the workshop.
	Evidences:
	Water stewardship report
	Stakeholder workshop record
5.5 Communicate transparency in water-related compliance:	List of water-related compliance violations with
5.5.1 Any site water-related compliance violations and	corresponding corrective actions
associated corrections shall be disclosed	Other :
5.5.2 Necessary corrective actions taken by the site to	
prevent future occurrences shall be disclosed if applicable	The company has a list of legal compliance. Some
5.5.3 Any site water-related violation that may pose	compliance of regulation, example: Water permit.
significant risk and threat to human or ecosystem health	
shall be immediately communicated to relevant public	One observation is raised.
agencies and disclosed	
	It is suggested to disclose the testing result of the
	wastewater, as well as environmental compliance
	AWS report even though no violation happened
	Evidences:
	Water stewardship report





Assessment Non-conformities:

1. Findings of the audit.

Nil non-conformity was identified during the audit.

Four observations were raised.

No	Process/Dept.	Issue
1	1.3.5	The volume of discharged wastewater is estimated, and it is suggested
		to install meters to track the volume of final discharged wastewater (To
		KIIC).
2	3.4.1	Make sure coordinate of sample point is correct in the document testing
		result (waste water).
3	4.1.1	Select the most relevant performance indicators in the evaluation sheet,
		for example, input the number of beneficiaries of local WASH project.
4	5.5.1	It is suggested to disclose the testing result of the wastewater, as well as
		environmental compliance status (Result of PROPER report) in the
		Stakeholders' AWS report even though no violation happened.



6. Summary and Conclusion of the Assessment

In assessment of the water stewardship performance of the PT. HM Sampoerna, Tbk. – Karawang Plant, it is apparent that the sites put considerable effort to adopt the AWS standard into the management system.

Nil conformity was raised, therefore, no improvement or action is required to address the Nonconformity to fully compliant to the standard.

Four observations were issued during this audit. Auditors pointed out the areas that to be considered for improvement in the following implementation, however, no action is demanded during the audit cycle.

In conclusion, the PT. HM Sampoerna, Tbk. – Karawang Plant met the AWS standard Version 2.0-Core Level.