

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343



SITE DETAILS

Site: **PT Hanjaya Mandala Sampoerna Tbk**

Address: Jalan Raya Surabaya - Malang KM 51.4, 67161, Sukorejo - Kab. Pasuruan, INDONESIA

Contact Person: Amanda Hadi IsTianti

AWS Reference Number: AWS-000116

Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Core

Date of certification decision: 2023-Apr-13

Validity of certificate: 2026-Apr-13

AUDIT DETAILS

Audited Service(s): AWS Standard v2.0 (2019)

Audit Type(s): Re-Certification Audit

Audit Start Date: 2022-Oct-24

Lead Auditor: Rizwan Masood

Audit team participants:

Hasudungan Sahat

Site Participants:

Aji Sumantoro, Head Of Operations

Is Tianti Amanda Hadi, EHS and Sustainability

Sindya Purwaningtyas, EHS and Sustainability

Farida Anggraini, Sustainability and EHS

Olivia Kartikasari, Sustainability

Nuansa Prameswari, Sustainability and EHS

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

ADDITIONAL INFO

Summary of Audit Findings: A total of 22 findings were raised during the certification audit, 9 major non-conformities, 10 minor non-conformities, 3 observations. The major non-conformities were of sufficient concern to warrant the categorization of the non-conformity as major.

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 60 days of receipt of the audit report 24/03/2023.

The major non-conformities must be sufficiently addressed, and evidence submitted to WSAS within 90 days of receipt of the report 23/04/2023.

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

The audit team recommends re-certification of PT MH Sampoerna Tbk. at Core level pending approval of the corrective actions plan and closure of the major non-conformities.

Scope of Assessment: The scope of services covers the recertification audit for assessing conformity of PT HM Sampoerna Tbk. against the AWS International Water Stewardship Standard Version 2.

PT MH Sampoerna Tbk. is a tobacco manufacturer, mainly producing a variety of tobacco products (cigarettes). The premises occupied about 1,530,000 square meters premises area out of which 464,434 square meters is built up area, and currently it has about 2000 employees. The production process are primary processing, secondary processing and Packing.

It is administratively located in Ngadimulyo Village, Sukorejo District and Bulukandang Village, Prigen District, Pasuruan Regency. Site water source is only ground water which is extracted through 5 deep wells and its effluents has two discharges, one is treated at site and sent to river Kali Betiting. The other disposal of effluent is sending untreated effluent to (through tank lorry) some external water treatment plant for treatment and disposal.

The audit was conducted onsite on 24 - 26 October 2022. The site visit included the assessment of which covered site water infrastructure, main process areas and chemical/fuel storages. External stakeholders were also interviewed on sample basis.

FINDINGS

NUMBER OF FINDINGS PER LEVEL

Observation	3
Minor	10
Major	9

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

FINDING DETAILS

Finding No:	TNR-002906
Checklist Item No:	1.1.1
Status:	Closed
Finding level:	Major
Due date:	2023-Apr-23
Checklist item:	<p>The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:</p> <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:	<p>Site has identified the catchment on the basis of a watershed. However, while defining the catchment site has not considered its water source i.e., aquifer and the discharge point of outsourced effluent treatment company.</p>
Corrective action:	<ul style="list-style-type: none">- Redefine catchment area to include:<ol style="list-style-type: none">1. Water source2. Aquifer3. Discharge point of effluent wastewater treated by third party (PIER)- To include catchment water balance in the scope of study- Revision on Baseline study of Kedunglarangan watershed- List of data and information to be included on the baseline report

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Finding No:	TNR-002907
Checklist Item No:	1.2.1
Status:	Closed
Finding level:	Major
Due date:	2023-Apr-23
Checklist item:	<p>Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:</p> <ul style="list-style-type: none">- 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.
Findings:	<p>It has been noted that the Wastewater Treatment (plant) service provider is not included in the list. Also, the Wastewater Treatment (plant) service provider has never been engaged by the site to discuss AWS.</p>
Corrective action:	<ul style="list-style-type: none">- To include PIER on stakeholder list (done during the audit)- To engage PIER as a stakeholder (done during the audit)- To have listing and inventory evidence of stakeholder consultation on water-related interests and challenges- To identify the degree of stakeholder engagement based on their level of interest and influence and upload stakeholder list
Finding No:	TNR-002908
Checklist Item No:	1.3.2
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2023-Oct-24
Checklist item:	<p>Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped</p>
Findings:	<p>Site has only mapped the water inflows (fresh water). The water outflows and losses are largely not measured but estimated.</p>
Corrective action:	<ul style="list-style-type: none">- To provide site water balance with clear calculation- Improve wastewater piping systems

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Finding No:	TNR-002909
Checklist Item No:	1.3.3
Status:	Closed
Finding level:	Major
Due date:	2023-Apr-23
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:	It has been noted that only 18.3 % of total extracted water is reaching to the effluent and out of which half is not measured quantity. The water outflows and losses are largely not measured but estimated. Also, Site water balance shows that the 54% of total extraction is absorbed to material, with no further elaboration. This cannot be water becoming part of product as it is more than the production weight (average cigarette weight).
Corrective action:	<ul style="list-style-type: none">- To provide site water balance with clear calculation from primary processing- To improve site's piping systems
Finding No:	TNR-002910
Checklist Item No:	1.3.4
Status:	Closed
Finding level:	Major
Due date:	2023-Apr-23
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:	Site is sending almost half of its effluents to external wastewater treatment plant, but site has no monitoring program on the effluent being disposed through external wastewater treatment plant.
Corrective action:	<ul style="list-style-type: none">- To provide monthly effluent quality report since January-Des 2022 from PIER- To provide example of agreement between HMS-SIS-PIER- To provide example of delivery order document from iFMS

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Finding No:	TNR-002911
Checklist Item No:	1.3.5
Status:	Closed
Finding level:	Minor
Due date:	2023-Oct-24
Checklist item:	Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.
Findings:	Though site has implemented best practices to avoid any contamination of water and soil. However, the site needs to map the potential sources of pollution.
Corrective action:	Provide map of potential sources of pollution
Finding No:	TNR-002912
Checklist Item No:	1.3.8
Status:	Open
Finding level:	Observation
Checklist item:	Levels of access and adequacy of WASH at the site shall be identified.
Findings:	Site has both male and female workers and the toilets arrangements for both have been provided. However, it was noted during the site visit that no female toilet was provided on wastewater treatment plant (or nearby) and there was a female staff working in the area.
Corrective action:	Provide female toilet in WWTP area
Finding No:	TNR-001776
Checklist Item No:	1.5.3
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2023-Oct-24
Checklist item:	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.
Findings:	Catchment water balance and scarcity have been quantified. Research study for hydrological studies of catchment water balance has been done by the plant in 2021. But this studies only cover sub-micro of the Gumandar watershed where PT HM Sampoerna TBK plant is located, not including PT Pier as the location of wastewater treatment is outside the sub-micro gumandar watershed.
Corrective action:	<ul style="list-style-type: none">- Redefine catchment area to include:<ol style="list-style-type: none">1. Water source2. Aquifer3. Discharge point of effluent wastewater treated by third party (PIER)- To include catchment water balance in the scope of study- Revision on Baseline study of Kedunglarangan watershed- List of data and information to be included on the baseline report

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Finding No:	TNR-002936
Checklist Item No:	1.5.6
Status:	Closed
Finding level:	Major
Due date:	2023-Apr-23
Checklist item:	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.
Findings:	Site is sending untreated effluent to (through tank lorry) to external water treatment plant for treatment and disposal without any control/ monitoring. The risk associated with external wastewater treatment plant are not assessed and the owners/operators of treatment plant never been engaged.
Corrective action:	<ul style="list-style-type: none">- To provide monthly effluent quality report since January-Des 2022 from PIER- To provide example of agreement between HMS-SIS-PIER- To provide example of delivery order document from iFMS- To provide wastewater disposal permit receipt as of 31 Oct 22- To provide quality report sewage treatment on December 2022
Finding No:	TNR-002914
Checklist Item No:	1.6.1
Status:	Closed
Finding level:	Major
Due date:	2023-Apr-23
Checklist item:	Shared water challenges shall be identified and prioritized from the information gathered.
Findings:	Site has identified shared water challenges based on the "water risk filter" and same is used to prioritize them. Site failed to present any linkage between stakeholders feedback and shared water challenges.
Corrective action:	<ul style="list-style-type: none">- Provide evidence of discussion with DLH and university during stakeholder engagement based on water risk- Provide evidence from STAPA (Water Sustainability Program - Sanitation)- Listing and inventory evidence of stakeholder consultation on water-related interests and challenges;
Finding No:	TNR-002937
Checklist Item No:	1.6.2
Status:	Closed
Finding level:	Minor
Due date:	2023-Oct-24
Checklist item:	Initiatives to address shared water challenges shall be identified.
Findings:	Site has identified the initiatives to address the shared water challenges. however, the identification of shared water challenges is not appropriate consequently the actions identified seems not adequate.
Corrective action:	<ul style="list-style-type: none">- Provide evidence of World Clean Up Day- Colaborate with third party and community to do Regularly monitoring to ensure the flow of the river is not blocked

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Finding No:	TNR-002916
Checklist Item No:	1.7.1
Status:	Closed
Finding level:	Minor
Due date:	2023-Oct-24
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:	Site has not considered some prominent functional/operational risks. e.g., site is sending it untreated water to some external treatment plant without any control/ monitoring and the risk associated with it has not been captured anywhere.
Corrective action:	<ul style="list-style-type: none">- To provide monthly effluent quality report since January-Des 2022 from PIER- To provide example of agreement between HMS-SIS-PIER- To provide example of delivery order document from iFMS- To provide procedure associated with wastewater treatment is not available (i.g. wastewater delivery and treatment, spill prevention or emergency response, outbreak or pollution control)- To provide wastewater disposal permit receipt as of 31 Oct 22- To provide logbook wastewater treatment on December 2022
Finding No:	TNR-002917
Checklist Item No:	1.7.2
Status:	Open
Finding level:	Observation
Checklist item:	Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.
Findings:	Site has identified only one water one opportunity in risk and opportunities sheet. Many initiatives have been mentioned in bits and pieces but not systematically identified.
Corrective action:	<ul style="list-style-type: none">- Already identified on 1.7.2 Sukorejo Water Risk and Opportunities- Already submitted to intact before Audit
Finding No:	TNR-002919
Checklist Item No:	1.8.4
Status:	Closed
Finding level:	Minor
Due date:	2023-Oct-24
Checklist item:	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.
Findings:	The identification of IWRAs in the catchment is done in "AWS summary". However, best practice for maintenance of Important Water-Related Areas in catchment has not been identified.
Corrective action:	<ul style="list-style-type: none">- Review AWS summary and include maintenance of water related areas- Alignment maintenance action with the summary report (AWS report)

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Finding No:	TNR-002918
Checklist Item No:	1.8.5
Status:	Open
Finding level:	Observation
Checklist item:	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.
Findings:	<p>Site has both male and female workers and the toilets arrangements for both have been provided. However, it was noted during the site visit that no female toilet was provided on wastewater treatment plant (or nearby) and there was a female staff working in the area.</p> <p>There was also no indication of relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services.</p>
Corrective action:	Provide female toilet in WWTP area
Finding No:	TNR-002925
Checklist Item No:	2.4.1
Status:	Closed
Finding level:	Minor
Due date:	2023-Oct-24
Checklist item:	A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.
Findings:	<p>It has been noted that the site is sending almost half of its effluents to external wastewater treatment plant "PT Pier" through another service provider "ISS". Site has not considered the risks associated with transportation and disposal of effluent. Also, site has no direct communication/ engagement with this critical service provider.</p>
Corrective action:	<ul style="list-style-type: none">- To provide monthly effluent quality report since January-Des 2022 from PIER- To provide example of agreement between HMS-SIS-PIER- To provide example of delivery order document from iFMS- To provide procedure associated with wastewater treatment is not available (i.g. wastewater delivery and treatment, spill prevention or emergency response, outbreak or pollution control)- To provide wastewater disposal permit receipt as of 31 Oct 22- To provide logbook wastewater treatment on December 2022

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Finding No: TNR-002926
Checklist Item No: 3.4.1
Status: Closed
Finding level: Major
Due date: 2023-Apr-23
Checklist item: Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.
Findings: Site has no mechanism to ensure the quality of its effluent, treated at external wastewater treatment plant.
Corrective action:

- To provide monthly effluent quality report since January-Des 2022 from PIER
- To provide example of agreement between HMS-SIS-PIER
- To provide example of delivery order document from iFMS

Finding No: TNR-002927
Checklist Item No: 3.4.2
Status: Closed
Finding level: Minor
Due date: 2023-Oct-24
Checklist item: 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.
Findings: Site has no mechanism to ensure the quality of its effluent, treated at external wastewater treatment plant.
Corrective action:

- To provide monthly effluent quality report since January-Des 2022 from PIER
- To provide example of agreement between HMS-SIS-PIER
- To provide example of delivery order document from iFMS

Finding No: TNR-002929
Checklist Item No: 3.6.2
Status: Closed
Finding level: Minor
Due date: 2023-Oct-24
Checklist item: 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.
Findings: Site has both male and female workers and the toilets arrangements for both have been provided. However, it was noted during the site visit that no female toilet was provided on wastewater treatment plant (or nearby) and there was a female staff working in the area.
Corrective action:

- Provide female toilet in WWTP area

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Finding No:	TNR-002930
Checklist Item No:	3.8.1
Status:	Closed
Finding level:	Major
Due date:	2023-Apr-23
Checklist item:	Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.
Findings:	Site is sending untreated effluent to (through tank lorry) to external water treatment plant for treatment and disposal without any control/ monitoring. The risk associated with external wastewater treatment plant are not assessed and the owners/operators of treatment plant never been engaged.
Corrective action:	<ul style="list-style-type: none">- To provide monthly effluent quality report since January-Des 2022 from PIER- To provide example of agreement between HMS-SIS-PIER- To provide example of delivery order document from iFMS- To provide wastewater disposal permit receipt as of 31 Oct 22- To provide logbook wastewater treatment on December 2022
Finding No:	TNR-002933
Checklist Item No:	3.9.4
Status:	Closed
Finding level:	Minor
Due date:	2023-Oct-24
Checklist item:	Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.
Findings:	Best practice for maintenance of Important Water-Related Areas in catchment has not been identified. However, water related actions in the catchment implemented but these are not linked with identified IWRAs in catchment.
Corrective action:	<ul style="list-style-type: none">- Review AWS summary and include maintenance of water related areas- Alignment maintenance action with the summary report (AWS report)
Finding No:	TNR-002935
Checklist Item No:	5.1.1
Status:	Closed
Finding level:	Major
Due date:	2023-Apr-23
Checklist item:	The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.
Findings:	Site has not disclosed positions of those accountable for compliance with water-related laws and regulations at any appropriate forum.
Corrective action:	<ul style="list-style-type: none">- Provide organization chart of water pollution management team- Provide youtube link- Put organization chart in the AWS report to be submitted to all stakeholder

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Report Details

Report	Value
Report prepared by	Rizwan Masood
Report approved by	Ruth Wandera
Report approved on (Date)	23 January 2023

Surveillance

Proposed date for next audit
2023-Oct-24

Comment Annual Surveillance Required

Stakeholder Announcements

Date of publication	Location
24/09/2022	Local Newspaper (Radar Bromo)
16/09/2022	AWS/WSAS site
Comment	Stakeholder announcement was published on AWS and WSAS websites 30 days before the audit. Site has also published the stakeholder announcement in a local newspaper.
Comment	During the audit, a stakeholders meeting was conducted. A total of 8 participants attended the stakeholder meeting. One from another company (Bottling Company), One was from the NGO (STAPA), two from the local village representative, and four from internal stakeholders (workers and contractor). Based on the interviews with local stakeholders, overall, the stakeholders were satisfied about the Sampoerna's effort on the water stewardship. The chief of local village stated that Sampoerna has done great contribution on providing clean water for local community, and funding through the CSR program for the village community's waste system. The neighboring company (bottling company- Danone Aqua) also confirmed that as a private sector in the same area of the Kedung Larangan watershed, Sampoerna was part of the Arjuno Mount Conservation Forum whose main focus is to protect the forest from illegal logging and watershed conservation. Same as the neighboring company, stakeholders from NGOs appraised the environmental initiative that Sampoerna has conducted research for water conservation. All of these showed that the Sampoerna was leading the water stewardship in the local area.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Catchment Information

Catchment Information

Site water source is only ground water which is extracted through 5 deep wells and its effluents has two discharges, one is treated at site and sent to river Kali Betiting. The other disposal of effluent is sending untreated effluent to (through tank lorry) some external water treatment plant for treatment and disposal.

Site is located in area of Gumandar watershed and site has defined same watershed as catchment. Total area of the Gumandar watershed is 2,916 hectares of land stretching from the top of Mount Arjuna as the location of the upstream watershed, and the foothills with the villages above as the downstream part of the watershed. Also, site has collected some information about the hydrology of the ground water (water source of site).

However, while defining the catchment site has not considered its water source i.e., aquifer and the discharge point of outsourced effluent treatment company.



Catchment Map.jpg



Catchment Map 2.jpg

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343



Catchment Map 1.jpg

Comment Site has numbers of maps and information about hydrology and surface water, but while defining the catchment site has not considered its water source i.e., aquifer and the discharge point of outsourced effluent treatment company.

Client Description and Site Details

Client/Site Background

PT HM Sampoerna Tbk. is a tobacco manufacturer, mainly producing a variety of tobacco products (cigarettes). The premises occupied about 1,530,000 square meters premises area out of which 464,434 square meters is built up area, and currently it has about 2000 employees. The production process are primary processing, secondary processing and Packing. it is administratively located in Ngadimulyo Village, Sukorejo District and Bulukandang Village, Prigen District, Pasuruan Regency. Site water source is only ground water which is extracted through 5 deep wells and its effluents has two discharges, one is treated at site and sent to river Kali Betiting. The other disposal of effluent is sending untreated effluent to (through tank lorry) some external water treatment plant for treatment and disposal.

Summary of Shared Water Challenges

Summary of Shared Water Challenges

Site has identified shared water challenges based on the "water risk filter" and same is used to prioritize them. Site failed to present any linkage between stakeholders' feedback and shared water challenges. The identified shared challenges are; Extreme events – Drought, Projected baseline water stress, Ground water level falling / Water depletion, WASH provision and Flood occurrence. However, the identification process was not based on consultation with stakeholders or real-time research but based on a web tool. Site needs to update shared water challenges based on stakeholder consultation and credible research. Also, site must keep the evidence of identification process to ensure that the identification is in line AWS requirements.

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.

✓
Yes

0.1.1.2 The scope of the proposed certification shall be under the control of a single management system.

✓
Yes

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

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.



closed

Comment The site has documented site boundaries and water mapping for water intake. Site water source is only ground water which is extracted through 5 deep wells and its effluents has two discharges, one is treated at site and sent to river Kali Betiting. The other disposal of effluent is sending untreated effluent to (through tank lorry) some external water treatment plant for treatment and disposal.

Site is located in area of Gumandar watershed and site has defined same watershed as catchment. Also, site has collected some information about the hydrology of the ground water (water source of site).

However, while defining the catchment, site has not considered its water source i.e., aquifer and the discharge point of outsourced effluent treatment company.

Finding No: TNR-002906

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

1.2.1 *Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:*

- Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;
- Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;
- Provide evidence of stakeholder consultation on water-related interests and challenges;
- Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;
- Identify the degree of stakeholder engagement based on their level of interest and influence.



closed

Comment Site has developed "AWS Sukorejo - List Stakeholders 2022" which includes the stakeholders almost all the relevant stakeholder categories as per standard. Site also has prioritized the stakeholders on the basis of level of interest and ability to influence. The summary of engagement topics is also mentioned in the list.







However, it has been noted that the Wastewater Treatment (plant) service provider is not included in the list. Also, the Wastewater Treatment (plant) service provider has never been engaged by the site to discuss AWS.

Finding No: TNR-002907

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)






Audit Number: AO-000343

1.2.2	<i>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.</i>	 Yes
Comment	Site also has prioritized the stakeholders on the basis of level of interest and ability to influence/ to be influenced in stakeholder list. The summary of engagement topics is also mentioned in the list.	
1.3	<i>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.</i>	
1.3.1	<i>Existing water-related incident response plans shall be identified.</i>	 Yes
Comment	The Site has identified water-related emergencies and it has documented a plan in response to them. An existing emergency-response plan is developed and implemented, which addresses water-related risks and events related with: Flooding, Chemical spillage into drainage, Damage to tank, WWTP Breakdown Damage to tank, Drought, Pipe leakage from tank, to tank, Pipe blockage (tank 1000, tank 280, sump pit, WWTP), Storm (damaged Deepwell) and Soil erosion.	
1.3.2	<i>Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped</i>	 in progress
Comment	The water balance is an equation that is based on the site's water inflows, outflows, onsite water storage and changes in storage. Site has only mapped the water inflows (fresh water) and only inflow is systematically measured. The water outflows and losses are largely not measured but estimated.	
	Finding No: TNR-002908 Finding No: TNR-002945	
1.3.3	<i>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.</i>	 in progress
Comment	Site has installed credible measuring devices on inflow / freshwater network. However, the water outflows and losses are largely not measured but estimated. Site water balance is based on monthly average value instead of measured values on a reasonable timescale. It has been noted that only 18.3 % of total extracted water is reaching to the effluent and out of which half is not measured quantity. Also, Site water balance shows that the 54% of total extraction is absorbed to material, with no further elaboration. This cannot be water becoming part of product as it is more than the production weight (average cigarette weight).	
	Finding No: TNR-002909	
1.3.4	<i>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.</i>	 closed
Comment	Site water source is only ground water which is extracted through 5 deep wells and its effluents has two discharges, one is treated at site and the other effluent is untreated and sent to (through tank lorry) some external wastewater treatment plant for treatment and disposal. Site is monitoring quality of its water sources and its (onsite) effluent treatment plant output on regular basis, through a third party. However, site has no monitoring on the effluent being disposed through external wastewater treatment plant.	
	Finding No: TNR-002910	
1.3.5	<i>Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.</i>	 closed

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Comment	Site has identified the chemicals and fuels as potential sources of pollutions. Also, site has implemented best practices to avoid any contamination of water and soil i.e. secondary containment. spillage kits and access control.	Finding No: TNR-002911	
1.3.6	<i>On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.</i>		Yes
Comment	Site has identified onsite IWRAs. these includes: - Green Open Space at Conservation Area - 5 Deep Wells - Raw Water Tank - Wastewater Treatment Plant - Storm water drainage - Sump pit (Industry & Domestic) - Infiltration Well - Fishpond Site also has documented description and status of IWRA also the on future trend have been analyzed		
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>		Yes
Comment	Site has documented the water related cost in "Sukorejo - Water Related Cost 2022". These costs include licenses, operational, wastewater treatment, quality monitoring, drinking water costs. Site has evaluated the water stewardship plan for 2021 against the targets. This evaluation has been performed not only action items against target also the water saving, social and economic values creation is part of evaluation. (Please see attachment '12_(2.3_Water_Stewardship_Plan_Revised_2021) (1')')		
1.3.8	<i>Levels of access and adequacy of WASH at the site shall be identified.</i>		Obs.
Comment	Site provides safe drinking water (bottled), to all workers. Also, Adequate sanitation is provided to all workers including bathrooms, hand washing and shower facilities. Site has both male and female workers and the toilets arrangements for both have been provided.		
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	Site has identified the indirect water use from suppliers. No supplier lies in the boundary of identified catchment. however, site is engaged with its suppliers on water related information and initiatives.		
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 site has enlisted outsourced suppliers and engaged with them for their water consumption and AWS agenda. details of quantification and engagement are attached.		

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)








Audit Number: AO-000343

1.5	Gather water-related data for the catchment, including water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH	
1.5.1	Water governance initiatives shall be identified, including catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help inform site of possible opportunities for water stewardship collective action.	<div><div></div><div>Yes</div></div>
Comment	The site has identified water governance catchment area where the company operates. Water Initiatives have been put into the water stewardship plan as targets and actions. The site actively engages with government/companies/universities/non-government organizations on water and sustainability issues in meetings and forums groups. The site also conducted research with the university of Brawijaya and the local NGO (STAPA) on "deep soil water pollution and their purification at DELTA area PT HM Sampoerna TBK" in the period June - August 2022. Also, in the year 2020 plant did a baseline study of Gumandar watershed hydrologic conditions the output of this research is for gathering data collection that can be indicators of changes in hydrological conditions in response to the forest fires and waste contamination in the context of restoring hydrological conditions in the Gumandar watershed. But the site did not include PT Pier as their list of stakeholders. PT ISS delivers the site's wastewater to PT Pier. (The site has an agreement with PT ISS only, as PT ISS sub-contracted PT Pier to process wastewater from PT HM Sampoerna Tbk).	
1.5.2	Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.	<div><div></div><div>Yes</div></div>
Comment	The site has permits for the extraction of borehead well and wastewater treatment. Every month site reports to the local government about water monitoring. All requirements use of water permission for site operation are documented and up to date.	
1.5.3	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	<div><div></div><div>in progress</div></div>
Comment	Catchment water balance and scarcity have been quantified. Research study for hydrological studies of catchment water balance has been done by the plant in 2021. But this studies only cover sub-micro of the Gumandar watershed where PT HM Sampoerna TBK plant is located, not including PT Pier as the location of wastewater treatment is outside the sub-micro gumandar watershed.	
Finding No: TNR-001776		
1.5.4	Water quality, including physical, chemical, and biological status, of the catchment shall be identified, and where possible, quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be identified.	<div><div></div><div>Yes</div></div>
Comment	The water quality record is up to date and already identified. Research from collaboration brawijaya university and PT HM Sampoerna TBK for deep water quality was also done and its shows no water-related challenge is happening.	
1.5.5	Important Water-Related Areas shall be identified, and where appropriate, mapped, and their status assessed including any threats to people or the natural environment, using scientific information and through stakeholder engagement.	<div><div></div><div>Yes</div></div>
Comment	<p>The site have prepared an IWRA document and identified IWRAs. Following are the identified IWRAs in the catchemnts;</p> <ul style="list-style-type: none">- Open Green Area (Ruang Terbuka Hijau)- Forest park (R. Suryo), wildlife conservation area (Taman safari) in the upstream- Arjuno Mountain- Bromo Tengger Semeru - National Park Wonokitiri- Dataran Tinggi Yang - Wildlife Reserve Mt. Argupuro- Kawah Ijen - Natural Reserve <p>These have been mapped and status also been documented in AWS summary (attached).</p>	

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)





Audit Number: AO-000343

1.5.6	<i>Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.</i>	 closed
Comment	Site is sending untreated effluent to (through tank lorry) to external water treatment plant for treatment and disposal without any control/ monitoring. The risk associated with external wastewater treatment plant are not assessed and the owners/operators of treatment plant never been engaged. Finding No: TNR-002936	
1.5.7	<i>The adequacy of available WASH services within the catchment shall be identified.</i>	 Yes
Comment	The site already collects information regarding WASH based on public information through the government website and provinces' statistical data. In the cat74% household in the catchment has owned toilet facility, while 12% HH utilize communal toilet, 2% HH utilize public toilet and 12% HH has no access to toilet facilities.	
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>	 closed
Comment	Site has identified shared water challenges based on the "water risk filter" and same is used to prioritize them. Site failed to present any linkage between stakeholders' feedback and shared water challenges. Finding No: TNR-002914	
1.6.2	<i>Initiatives to address shared water challenges shall be identified.</i>	 closed
Comment	Site has identified the initiatives to address the shared water challenges. However, the identification of shared water challenges is not appropriate consequently the actions identified seems not adequate. Finding No: TNR-002937	
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>	 closed
Comment	Site has identified the risks probability X Severity matrix has been used to prioritize them. These risks don't include the some functional/operational risks. e.g., site is sending its untreated water to some external treatment plant without any control/ monitoring and the risk associated with it has not been captured anywhere. Finding No: TNR-002916	
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>	 Obs.
Comment	Site has identified only one water opportunity in risk and opportunities sheet. Many initiatives have been mentioned in bits and pieces but not systematically identified.	
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

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Comment	Site has contributed to build water infrastructure of a village in the catchment. This includes financial and technical support in building water reservoir and piping network.	
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	Site has identified a risk of ground water level depletion through water risk filter and identified initiatives to improve water balance at site. Site also engaged with external stakeholders to spread awareness on the need of water conservation. These initiatives are mentioned in water stewardship plan attached.	
1.8.3	<i>Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.</i>	 Yes
Comment	Site has recently conducted a Study of Deep Groundwater Pollution (Semi Pressured Aquifer) and its Purification Efforts in Delta Area of PT HM Sampoerna Tbk. in collaboration with a local university. It has been noted that there is an issue of surfactants in some areas. site has published the study and also shared with relevant stakeholders.	
1.8.4	<i>Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.</i>	 closed
Comment	The identification of IWRAs in the catchment is done in "AWS summary". However, best practice for maintenance of Important Water-Related Areas in catchment has not been identified.	
Finding No: TNR-002919		
1.8.5	<i>Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.</i>	 Obs.
Comment	Site provides safe drinking water (bottled), to all workers. Also, Adequate sanitation is provided to all workers including bathrooms, hand washing and shower facilities. Site has both male and female workers and the toilets arrangements for both have been provided.	

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.
Comment	<p>The site has established commitment to document which is endorsed by Head of Manufacturing Mr. Aji Sumantoro. The commitment statement is covering almost all aspects of alliance for water stewardship standard.</p> <p>The site has displayed the commitment on notice boards for public disclosure. Also, site commitment was disclosed in stakeholder engagement sessions.</p>
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.
Comment	<p>Site has implemented evaluation of compliance mechanism for its obligations. Responsibilities documented in "AWS Organization" also the person responsible legal correspondence also documented.</p>
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	<p>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.</p>
Comment	<p>Site has developed an AWS strategy that defines company's vision, mission and goals for water stewardship. (attached)</p>
2.3.2	<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.
Comment	<p>The site developed a water stewardship plan which addresses the Risks and Opportunities. it includes Risks/Challenges. Action, Description, responsibilities, target date, status cost and benefits. The water stewardship plan for year 2022 is divided in 2 parts, one is focused on Social & Community Actions and other is focused on Technological Actions.</p>
2.4	Demonstrate the site's responsiveness and resilience to respond to water risks

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343







2.4.1	<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>	<div><div></div><div>closed</div></div>
Comment	Site has prepared the plan to mitigate water related incidents and identified risks in emergency response plan (Ref 1.3.1). However, it has been noted that the site is sending almost half of its effluents to external wastewater treatment plant "PT Pier" through another service provider "ISS". Site has not considered the risks associated with transportation and disposal of effluent. Also, site has no direct communication/ engagement with this critical service provider.	

Finding No: TNR-002925

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)






Audit Number: AO-000343

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 site has been involved in a number of projects which supported good water governance in the catchment. The site has been working with multiple stakeholders on a collaborative basis. the most prominent project is site has contributed to build water infrastructure of a village in the catchment. This includes financial and technical support in building water reservoir and piping network. (Details attached)	
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	Site is extensively engaged with the indigenous people of nearby village and supporting them with access to clean water and pollution control related initiatives. Site has contributed to build water infrastructure of a village in the catchment. This includes financial and technical support in building water reservoir and piping network. (details attached)	
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 site operation processing plant has met the national and local requirements laws and regulations. All permission documents are up to dated and documented. The available document that related water legal was the wastewater permission process from the Pasuruan environmental agency, the permission for the extraction borehole water well, and the environmental permission.	
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	Site provides safe drinking water, to all workers, sourced from water supply and monitored for the quality parameters. Also, Adequate sanitation is provided to all workers including bathrooms, hand washing and shower facilities.	
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	Site has set targets for improvement in water intensity (m3 of water/ million cigarette) produced. These targets are subject to continuous monitoring. attached is site water intensity target and achieved.	
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

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)







Audit Number: AO-000343

Comment	Site has set targets for improvement in water intensity (m3 of water/ million cigarette) produced. These targets are subject to continuous monitoring. attached is site water intensity target and achieved. it is evident from the achieved that water efficiency has been improved during last 2 years. (Details attached)	
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	There is no such applicable legal requirement.	
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>	 closed
Comment	In water stewardship plan site has set a target to maintain quality of its effluents to acceptable legal limits. Site effluents has two discharges, one is treated at site and its quality is regularly monitored by site team and through a third-party lab. The other discharge is sending untreated effluent to (through tank lorry) to external water treatment plant for treatment and disposal. Site has no mechanism to ensure the quality of its effluent, treated at external wastewater treatment plant. Finding No: TNR-002926	
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>	 closed
Comment	In water stewardship plan site has set a target to maintain quality of its effluents to acceptable legal limits. Site effluents has two discharges, one is treated at site and its quality is regularly monitored by site team and through a third-party lab. The other discharge is sending untreated effluent to (through tank lorry) to external water treatment plant for treatment and disposal. Site has no mechanism to ensure the quality of its effluent, treated at external wastewater treatment plant. Finding No: TNR-002927	
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	Site has identified onsite IWRA's. these includes: - Green Open Space at Conservation Area - 5 Deep Wells - Raw Water Tank - Wastewater Treatment Plant - Storm water drainage - Sump pit (Industry & Domestic) - Infiltration Well - Fishpond Site also has documented description and status of IWRA also the on future trend have been analyzed. Site has also implemented the maintenance protocols on IWRA's.	
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

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)




Audit Number: AO-000343

Comment	Site provides safe drinking water, to all workers, sourced from water supply and monitored for the quality parameters. Also, Adequate sanitation is provided to all workers including bathrooms, hand washing and shower facilities.	
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>	 closed
Comment	Site has both male and female workers and the toilets arrangements for both have been provided. However, it was noted during the site visit that no female toilet was provided on wastewater treatment plant (or nearby) and there was a female staff working in the area. Finding No: TNR-002929	
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	Site has identified the indirect water use from suppliers. No supplier lies in the boundary of identified catchment. however, site is engaged with its suppliers on water related information and initiatives.	
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	Site has identified the indirect water use from suppliers. No supplier lies in the boundary of identified catchment. however, site is engaged with its suppliers on water related information and initiatives. Site has engaged suppliers and collected data in the form of questioners (details attached)	
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>	 closed
Comment	Site is sending untreated effluent to (through tank lorry) to external water treatment plant for treatment and disposal without any control/ monitoring. The risk associated with external wastewater treatment plant are not assessed and the owners/operators of treatment plant never been engaged. Finding No: TNR-002930	
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
Comment	Site has contributed to build water infrastructure of a village in the catchment. This includes. financial and technical support in building water reservoir and piping network. (details attached)	
3.9.2	<i>Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.</i>	 Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)






Audit Number: AO-000343

Comment	Site has included many actions in water stewardship plan, on-site and in the catchment to improve water balance. These actions include raising awareness of employees and communities for water conservation, detecting and addressing, adopting water efficient technological options etc.	
3.9.3	<i>Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.</i>	 Yes
Comment	Site has recently conducted a Study of Deep Groundwater Pollution (Semi Pressured Aquifer) and its Purification Efforts in Delta Area of PT HM Sampoerna Tbk. in collaboration with a local university. It has been noted that there is an issue of surfactants in some areas. site has published the study and also shared with relevant stakeholders.	
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>	 closed
Comment	The identification of IWRAs in the catchment is done in "AWS summary". However, best practice for maintenance of Important Water-Related Areas in catchment has not been identified. However, water related actions in the catchment implemented but these are not linked with identified IWRAs in catchment.	
Finding No: TNR-002933		
3.9.5	<i>Actions towards achieving best practice related to targets in terms of WASH shall be implemented.</i>	 Yes
Comment	Site provides safe drinking water (bottled), to all workers. Also, Adequate sanitation is provided to all workers including bathrooms, hand washing and shower facilities. Site has both male and female workers and the toilets arrangements for both have been provided.	

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

4		STEP 4: EVALUATE - Evaluate the site's performance.
4.1	<i>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.</i>	
4.1.1	<i>Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.</i>	 Yes
Comment	Site has evaluated the water stewardship plan for 2021 against the targets. This evaluation has been performed not only action items against target also the water saving, social and economic values creation is part of evaluation.	
4.1.2	<i>Value creation resulting from the water stewardship plan shall be evaluated.</i>	 Yes
Comment	Site explained that the focus of water stewardship plan was not cost saving but conservation of shared water resource. However, site has evaluated economic savings (where applicable) in evaluation of last water stewardship plan.	
4.1.3	<i>The shared value benefits in the catchment shall be identified and where applicable, quantified.</i>	 Yes
Comment	Site has evaluated the water stewardship plan for 2021 against the targets. This evaluation has been performed not only action items against target also the water saving, social and economic values creation is part of evaluation.	
4.2	<i>Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.</i>	
4.2.1	<i>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.</i>	 Yes
Comment	There is no water related emergency incidents in recent past.	
4.3	<i>Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.</i>	
4.3.1	<i>Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.</i>	 Yes
Comment	The site every year share annual and sustainability report to relevant stakeholders. In this report the information that the company has made related to water stewardship implementation is also reported. The last activity of communication with the stakeholder about the annual report was held 5 October 2022. Also, the site records the feedback of stakeholders as result of consultation.	
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>	 Yes

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343





Comment

Site has recently conducted a Study of Deep Groundwater Pollution (Semi Pressured Aquifer) and its Purification Efforts in Delta Area of PT HM Sampoerna Tbk. in collaboration with a local university. It has been noted that there is an issue of surfactants in some areas. Site has included disclosure of the report with relevant stakeholders.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)





Audit Number: AO-000343

5	STEP 5: COMMUNICATE & DISCLOSE - Communicate about water stewardship and disclose the site's stewardship efforts	
5.1	Disclose water-related internal governance of the site's management, including the positions of those accountable for legal compliance with water-related local laws and regulations.	
5.1.1	The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.	 closed
Comment	<p>The site has water stewardship organization teams which describe the organization chart and job description. This information is available in site annual report that publishes in the company website : https://www.sampoerna.com/resources/docs/default-source/sampoerna-market-documents/annual-reports/laporan-tahunan-dan-laporan-keberlanjutan-2021.pdf?sfvrsn=d5be60b6_2</p> <p>Although Site has nominated the responsible person for any related water incident in Green Document which has been submitted to Ministry of Environment and Forestry as one of requirement to obtain GREEN PROPER. However, site has not disclosed positions of those accountable for compliance with water-related laws and regulations at any appropriate forum.</p> <p style="text-align: right;">Finding No: TNR-002935</p>	
5.2	Communicate the water stewardship plan with relevant stakeholders.	
5.2.1	The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.	 Yes
Comment	The site every year share annual and sustainability report to relevant stakeholders. In this report the information that the company has made related to water stewardship implementation is also reported. The last activity of communication with the stakeholder about the annual report was held 5 October 2022.	
5.3	Disclose annual site water stewardship summary, including: the relevant information about the site's annual water stewardship performance and results against the site's targets.	
5.3.1	A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.	 Yes
Comment	The site shares annual and sustainability report to relevant stakeholders annually. In this report the information about the quantified performance against targets is disclosed. The last activity of communication with the stakeholder about the annual report was held 5 October 2022.	
5.4	Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies.	
5.4.1	The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.	 Obs.

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Comment	Site has extensively engaged with the stakeholders in order to create awareness about the shared challenges and efforts made by site to mitigate these. For the disclosure site organizes annual stakeholder session and uses print media. (Evidence attached)	
	Observation Site has identified shared water challenges based on the "water risk filter" and same is used to prioritize them. Site failed to present any linkage between stakeholders' feedback and shared water challenges. The identified shared challenges are; Extreme events – Drought, Projected baseline water stress, Ground water level falling / Water depletion, WASH provision and Flood occurrence. However, the identification process was not based on consultation with stakeholders or real-time research but based on a web tool. Site needs to update shared water challenges based on stakeholder consultation and credible research. Also, site must keep the evidence of identification process to ensure that the identification is in line AWS requirements.	
5.4.2	<i>Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.</i>	 Yes
Comment	The stakeholder meeting organized to disclose Alliance Water Stewardship report, on 5 October 2022 was also attended by public agency representatives like environmental protection agency and district officials.	
5.5	<i>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.</i>	
5.5.1	<i>Any site water-related compliance violations and associated corrections shall be disclosed.</i>	 Yes
Comment	There have not been any site water-related compliance violations and associated corrections to be disclosed.	
5.5.2	<i>Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.</i>	 Yes
Comment	There have not been any site water-related compliance violations and associated corrections to be disclosed.	
5.5.3	<i>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.</i>	 Yes
Comment	There have not been any site water-related compliance violations and associated corrections to be disclosed.	

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343

Photographic Evidence from Audit



Yes



Near boiler.JPG



HPO tank.JPG

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343



HPO water output.JPG



HPO tank2.JPG



AWS audit op4.JPG

WSAS

2 Quality Street North Berwick, EH39 4HW, UNITED KINGDOM

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343



fuel tank area1.JPG



fishpond1.JPG



stakeholder intview.JPG



deepwell area1.JPG

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343



deepwell area2.JPG



water waste truck2.JPG



water waste truck.JPG



AWS audit op2.JPG

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343



stakeholder intview4.JPG



stakeholder intview5.JPG



fuel tank area2.JPG

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-000343



stakeholder intview2.JPG



water level1.JPG

Previous Findings		
	<i>All non-conformities raised in the previous audit have been satisfactorily closed.</i>	<div><div></div><div>Yes</div></div>
Comment	There was no finding in last audit.	