

AWS

Alliance for water stewardship

Certificate

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AWS Annual
Summary

BAT UNTUK AIR BERSAMA-SAMA, MENYELAMATKAN SUMBER DAYA AIR UNTUK GENERASI MASA DEPAN



WHAT IS AWS?

The Alliance for Water Stewardship (AWS) is a global collaboration between businesses, NGOs and the public sector on a membership basis. AWS members contribute to the sustainability of local water resources by adopting and promoting a universal framework of use water in a sustainable manner.

DestinationAWS is to create water stewardship, which is defined as: socially and culturally fair use of water, environmentally sustainable, and economically beneficial, which is achieved through a process involving stakeholders, which includes every activity at the operational area level as well as water sources in the area where the business operates.

We undertake AWS Certification as a sustainability measure in water management. We understand that water is very important for life. Our approach to water stewardship to ensure use socially just, socially sustainable water environmentally and economically beneficial.



THE FRAMEWORK OF THE AWS STANDARD IS ESTABLISHED IN 5 STEPS:

1. COLLECT AND UNDERSTAND
2. COMMITMENT AND PLANNING
3. IMPLEMENTATION
4. EVALUATION
5. COMMUNICATION AND DISCLOSURE

THE IMPLEMENTATION OF THE STANDARD OBJECTS TO ACHIEVE FIVE MAIN OUTCOMES FOR THE OPERATING AREAS WITHIN THE DEFECTED PHYSICAL SCOPE:

-  **GOOD WATER GOVERNANCE**
-  **SUSTAINABLE WATER BALANCE**
-  **GOOD WATER QUALITY STATUS**
-  **REGIONS**
IMPORTANT RELATED TO WATER
-  **CLEAN WATER, SANITATION AND CLEANING SAFE FOR ALL**

VISION

We understand water is essential for life. As individuals, we need water to live. Communities need access to water to survive and to thrive. Yet, water is the first commodity on earth that is in short supply. We understand water is essential for BAT. The ingredients we source need water to grow. We need water to run our factories and to manufacture our products.

At BAT, we unequivocally believe that access to water is a basic human right. Everyone, everywhere should have access to water.

Based on this we have following vision on Water Stewardship:

BAT Indonesia will actively contribute to maintain and improve the water quantity and quality at our location we operate and treat the water as priceless legacy for our future generation

MISSION

To achieve our Vision of Water Stewardship, BAT Indonesia has the following Missions:

We will continue to improve water efficiency in our operations and increase our water recycling ratio.

We will involve stakeholders who related to water, involving local institutions in water stewardship to have a common understanding and a common goal to save the water sources in which we operate.

We will monitor the quality and quantity of water we consume, waste water and the quality and quantity of water resources in which we work with relevant stakeholders.

We have plans related to water challenges, execute plans and monitor implementation progress.

We learned from Water Stewardship Best Practices and looked at the possibilities for applying them to our water operations and stewardship activities.

We build a Better Future™ which is not only useful, but also environmentally friendly and in line with the Sustainable Development Goals

Contact Us : **Iqbal Kuszie Rakhman (Sustainability Officer)**
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Certificate



We obtained this AWS certificate in January 2022,
after successfully passing the AWS Audit



CERTIFICATE CERT-000068

Issue Date: 2023-06-13

Effective Date: 2023-06-13

Valid Until: 2025-03-14

First Certification: 2023-06-13

CERTIFICATION

Certification Date: 2023-06-13

Valid Until: 2025-03-14

CERTIFICATE

AWS International Water Stewardship Standard v2.0

BAT Indonesia: Malang, Indonesia

PT. Bantoel Prima Jl. Raya Karanglo Lt 1, Banjararum,
Singosari
Malang, 65153
INDONESIA

AWS Reference Number: AWS-000414

WSAS herewith certifies that the above mentioned site or group is in compliance with the AWS International Stewardship Standard v2.0. This certificate is valid for a period of three (3) years, contingent upon annual surveillance audits and provided that the site or group continues to meet the conditions as laid out in the AWS Standard, AWS Certification Requirements and the Certification Agreement with WSAS.

Catchment: Brantas River Basin

Industry Sector: Other

Scope: Single Site

Certification level

Certified Core



Authorised by Lisa Seufert, Head of Certification

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AWS System



AWS COMMITMENT



WATER STEWARDSHIP COMMITMENT BAT INDONESIA – BENTOEL FACTORY

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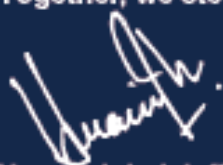
At BAT, we unequivocally believe that access to water is a basic human right. Everyone, everywhere should have access to water.

Water is a shared and precious resource to be managed sustainably by all users in the watersheds where they live and operate. This is water stewardship. Water challenges are local and we believe we can only effectively address them by working with all members of the community.

Our approach to water stewardship to ensure the use of water is socially equitable, environmentally sustainable and economically beneficial.

With our Water Resources Commitment, we focus our efforts and resources on four key areas: in our factories, continuously improving water use efficiency; water source where we operate, working with partners to protect shared water resources; across our supply chain, where water challenges are putting the sourcing of our raw materials at risk; in the communities where we are present, to widen access to clean water and sanitation. Site's stakeholders will be engaged in an open and transparent way and site will allocate the resources to implement. The site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes and the site implementation will be aligned to and in support of existing catchment sustainability plans.

At BAT, we care for water.
Together, we steward resources for future generations.



Husain Iqbal Jaffery
Area Operations Director

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AWS STRATEGY

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WATER STEWARDSHIP STRATEGY, VISION AND MISSION

Following our Commitment on water stewardship, we define our Vision and Mission on Water Stewardship.

VISION

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MISSION

To achieve our Vision on Water Stewardship BAT Indonesia has following Mission:

- We will continuously do water efficiency in our operation and improve the water recycling ratio.
- We will engage the stakeholders relate with water, involve in local institution on water stewardship to have same understanding and common goal to save water source where we operate.
- We will monitor the quality and quantity of the water we consume, dispose and water quality and quantity of the water source in cooperation with related stakeholders.
- We have plan relate with water challenge, executing the plan and monitoring the progress of implementation.
- We are learning from Water Stewardship Best Practices and see possibility to implement in our operation and water stewardship activities.

At BAT, we care for water.

Together, we steward resources for future generations.



Husain Iqbal Jaffery
Area Operations Director

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AWS STEPS

Gather & Understand

- Physical Scope
- Stakeholders
- Water Related Data
 - water balance;
 - water quality,
 - Important Water-Related,
 - water governance,
 - WASH;
 - water-related costs, value
- Catchment
 - water governance,
 - water balance,
 - water quality,
 - Important Water-Related infrastructure,
 - WASH.
- Water Challenges
- Risk & Opportunity
- Best Practices

Commit & Plan

- Policy Statement
- Legal & Regulation
- Water Strategy
- Responsiveness and resilience

Implement

- Participate Positively
- Legal regulatory & respect water right
- Water balance target
- Water quality target
- Maintain & Improve importance water related
- Safe drinking & WASH
- Maintain & improve indirect water use
- Engagement
- Implement Best Practices

Evaluate

- KPI result
- Emergency Incident
- Stakeholder feedback & engagement
- Water stewardship and Continuous Improvement

Communicate & Disclosure

- Internal Governance
- To related stakeholders
- Annual summary
- Collective effort
- Compliance Violation

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Planning



AWS (ALLIANCE FOR WATER STEWARDSHIP) MASTER PROGRAM 2023								
		Updated Plan as per	3-Jul-23					
No	Classification to AWS Outcomes	Risks & Challenges	Risk to Business	Relevant information, Lesson Learnt	Action Plan & Best Practice (Jan-Jun 2023)	Target	How it will be measured	Schedule (Time Frame)
30	Best Practices (Governance) Water Conservation Education in Karangploso	Poor understanding about AWS and low engagement by stakeholders			Continue to put the AWS Governance in the Digital Educorner (DigiEd) and monitor the progress of execution			2022
31	Water Quantity (Catchment)	Risk of insufficient water supply to ground water and flooding at the downstream	Social issues	2023 program	- Discuss and engage with stakeholder on this subject - Consider to do replanting in the upstream for 2023	Real discussion with stakeholders and getting the feedback on treeplanting at upstream	No of meeting and getting opinion or initiatives to improve the program	Q4-2023
32	Best Practices (Governance)	Low employee engagement and necessity to maintain and improve the engagement	Low engagement from employee	2023 program	MY TREE program where employee participate to do treeplanting in their own	Employee engagement on tree planting with their own contribution (providing tree) and do treeplanting	No of trees planted by employee with their own contribution	Q4-2023
33	Water Quantity (Catchment)	Risk of insufficient seed for tree planting		2023 program	Nursery program at the catchment to provide sustainable seed for treeplanting	Have the source of trees for tree planting	Nursery program implemented and number of trees ready to plantation	Q2-2023
34	Water Quantity (Site)	Necessity to identify potential water saving to sustain water efficiency program		2023 program	Loss analysis Water Study 2023	Have list of potential water initiatives/project to improve water usage and increase the recycling	No of list of project/Initiatives Potential saving/recycling rate from the initiatives	Q1-2023
35	All AWS Outcome	AWS non compliance for DIET Plant	Uncertified for DIET Plant	2023 program	AWS Certification for DIET Plant	Cerified AWS to DIET Plant	Get the certification	Q1-2024
36	Water Quantity (Catchment)	Risk of water excessive usage by indirect water users	Lack of water	2023 program	Sending target of water usage to indirect water user	Sending letter and get commitment from indirect water user	Letter sent Water reduction on indirect water user	Q3-2023

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AWS Annual
Summary



Role & Responsible related compliance with water related laws and regulations

No	Position in BAT Indonesia	Name	Role related to compliance with water related laws and regulations	Remark
1	Utility Executive	Ali Sehban	To ensure water withdrawn as per license and ensure the waste water quality are within the regulation norms	
1	Line Lead Boiler	Mohammad Fanani	To ensure water withdrawn as per license and ensure the waste water quality are within the regulation norms	Fanani is reporting to Ali Sehban
2	Line Lead Utility	Agus Supriyadi	To ensure the waste water quality is within the regulation norms	Agus Supriyadi is reporting to Ali Sehban
3	Sustainability Manager	Mahendra Kusuma	To ensure all of business activities are complied with all of Safety, Health and Environmental regulation, global direction and international standards Coordinate to all stakeholders if there is/are non compliance or trend of non compliance	
4	Sustainability Officer	Mohammad Kuszie Rahman	Execute the regulatory requirements; - Ensure that all of wastewater from production or domestic activities is has been treatment before discharge to water body - Waste water sampling 1x/month - Water body sampling 1x/year - Check the technical requirement of WWTP vs regulation - Reporting waste water quality on 3 monthly basis to authority - Reporting water body quality 1x/year - Input all of environmental quality parameters into SIMPEL (Government platform on environmental reporting) - Reporting the Environmental Management on 6 monthly basis (including the water management) - Ensure that all of wastewater quality is meet with regulations standard	Mohammad Kuszie Rakhman report to Mahendra Coordinate with stakeholder (engineering and plant teams)
5	Equipment Owner	Supriyanto	To operate the WWTP and STP as per procedure and ensure the effluent quality is within regulation norms	Certified as Waste Water Operator as per authority requirement
6	Line Lead Utility	Agus Supriyadi	To manage the WWTP and STP Operation	Certified as Waste Water Manager as per authority requirements
7	Line Lead Power & Water	Hendro Dwi Putranto	Renewal of Deep Well license Ensure the water withdrawn are within the license capacity Reporting the actual water withdrawn to authority	
8	Sustainability Supervisor	Septinia Dewi	To collect and compile all of water data. Analysis the trend and conducting meeting to stakeholders on water related requirements	Septinia is reporting to Mahendra

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STAKEHOLDER ENGAGEMENT

We doing stakeholder engagement that can help us in the AWS implementation.



Discussion with Mrs. Lucky (who responsible in BBWS Brantas Basin), communication related water infrastructure



We have consulted with the Health Center at Karangploso District of Malang to find out about water quality.



We do a engage NGO Baskomas related tree planting and nursery at the Up Stream



Discussion and site visit to PAMSIMAS related water quality and water quantity management in catchment area



Discussion and consultation with University UIN Malang related maintenance of water quantity and tree planting plan dan nursery di Up Stream



Site Survey With NGO Baskomas and University UIN location for tree planting dan nursery program

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Real action program - Supporting catchment

Tree planting
for value creation and water conservation in UIN on December
20 2022



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Real action program - Supporting catchment



Since 2013, we have managed to maintain the Blue rating every year in the Performance Ranking Program (PROPER) audit by the Ministry of Environment for seven consecutive years. In 2022 Bentoel Group regained the Blue rating for compliance.



In 2018, Bentoel Group contributed to the restoration of pedestrian walk-ways Ijen Boulevard Street, Malang City. The renovation and rejuvenation were carried out on the walkways of approximately 1,200 meters long by using natural andesite stone on the pedestrian floor.



Water treatment facilities and Dieng park as part of Bentoel Group's CSR activities.

In commemoration of the 103rd anniversary of Malang City, Bentoel Group contributed to the restoration of the park and pedestrian areas at Dieng Street.

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Real action program - Supporting catchment



In 2016, Bentoel Group renovated Taman Slamet. This is part of a continuous revitalisation programme to support Malang government's programme, following the revitalisation of Taman Trunojoyo and Taman Kunang-Kunang in the previous year.



In early 2014, the Company agreed to support the renovation of a long neglected city park on Jalan Trunojoyo. In 2015, asked to support the renovation of the Fireflies Park which is located on Jalan Jakarta with an area of almost 15.000 m²



In 2014 Bentoel's Corporate Social Responsibility programs also have been implemented previously the other 2 villages, Kedungwaru I and Kedungwaru II, to provide clean water for more than 600 families.

In this clean water project, the Company built many water storage/reservoir and dug many wells to a depth of more than 120 meters in Sumbertimo before finding the source of clean water. With the implementation of the clean water project program in Sumbertimo, then around 360 families will certainly have access to clean water

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