

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)



Audit Number: AO-000834

SITE DETAILS

Site: **BAT Samoa**

Address: P.O Box 1304 Vaitele Industrial Zone APIA Samoa, WS1364, Apia, SAMOA

Contact Person: Caroline AhLeong-Esera

AWS Reference Number: AWS-000489

Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Core

Date of certification decision: 2023-Dec-19

Validity of certificate: 2026-Dec-19

AUDIT DETAILS

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

Audit Type(s): Initial Audit

Audit Start Date: 2023-Oct-23

Lead Auditor: Elizabeth Villezar

Site Participants:

Michelle Macdonal, General Manager

Maryann Vaiula, Business Development Executive (AWS Member)

Adrianna Andersen, Sustainability and Quality Executive

Feagai Matatia-Maisa, Security Coordinator

Margaret A., Operations Manager - Fiji (Supporting BAT Samoa)

Audit Number: AO-000834

ADDITIONAL INFO

Summary of Audit Findings: A total of 29 findings were raised during the certification audit, 13 minor non-conformities and 16 observations.

The Client is requested to perform a root cause analysis and define corrective actions for each of the non-conformities and to submit these to WSAS within 60 days of receipt of the audit report by 28/02/2023.

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

The audit team recommends certification of BAT Samoa at Core level pending approval of the corrective actions plan.

Scope of Assessment: The scope of services covers the Initial certification audit for assessing the conformity of British American Tobacco Ltd. Samoa against the AWS International Water Stewardship Standard Version 2.

British American Tobacco Ltd. Samoa is located at Vaitele-tai village with lot size of 6,189m2, Faleata district in Upolu one of the main islands of Samoa. As per the topographic map, the Samoa Factory is about 7.7km from the Fuluasou Catchment. BAT Samoa is situated within an industrial zone of Vaitele wherein water supply is being sourced from the same catchment (Fuluasou). Though the sources of water for BAT Samoa are coming from the Samoa Water Authority and rainwater, the latter is only used for backup.

The audit was conducted onsite on 23-25 October 2023.
The onsite site visit included the assessment of BAT Samoa water management from the ultimate source (SWA water meter, sub-meters, water tanks, septic tanks, and WASH facilities) including the site's operations such as packing tobacco leaves activities were visited onsite as part of the audit.

The following external stakeholders were interviewed during the audit: MJ Construction (Saili Hunt - General Manager); Doreen Pupi - Resident; Samoa Water Authority (Savelio Imu - Manager for Rural Operation).

FINDINGS

NUMBER OF FINDINGS PER LEVEL

Observation	16
Minor	13

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FINDING DETAILS

Finding No:	TNR-006810
Checklist Item No:	1.1.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2024-Jan-26
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>The site is required to understand the location of the ultimate receiving body for their septic tank emptying and also the state of this receiving body. The legend in purple color pertains accordingly to the outgoing rainwater, however, it was explained during the site tour that only one tank is dedicated for such and the other one is a storage for the water supplied by SWA. In the latest map provided, it seems that there are two tanks for rainwater harvesting.</p>
Corrective action:	<ol style="list-style-type: none">1. An updated CAD drawing of the site to include water map location of the receiving body for septic tank waste as well as the state of the receiving body at the landfill.2. An updated plan to include all water tanks installed, as well as the additional piping works onsite.

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Finding No:	TNR-006842
Checklist Item No:	1.2.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2024-Jan-20
Checklist item:	Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall: <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:	Stakeholders Identification 2023 was presented, listing the stakeholders known to the site. However, stakeholders outside the catchment area - vendors/ suppliers from overseas providing primary inputs were not identified (Indonesia, Singapore, etc.). Thus, no water-related challenges were identified for these stakeholders.
Corrective action:	Site to host a stakeholder engagement, to include stakeholders outside the catchment area ie. vendors/ suppliers from overseas who provides site with primary inputs eg. Indonesia, Singapore
Finding No:	TNR-006843
Checklist Item No:	1.2.2
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2024-Jan-19
Checklist item:	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.
Findings:	The Stakeholders that belong to the site's supply chain including the one involved in providing wastewater treatment services were missed out, thus, the degree of influence upon them was not identified.
Corrective action:	Site will extend consultation to include waste water service provider in the upcoming stakeholders engagement to ensure an understanding of any influence they may have on site as well as on catchment area.

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Audit Number: AO-000834

Finding No:

TNR-006845

Checklist Item No:

1.3.3

Status:

In Progress - CA plan approved

Finding level:

Minor

Due date:

2024-Jan-26

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:

An indication of annual high and low variances has not been fully quantified as this process is still ongoing. Monitoring of baseline is a work in progress.

Corrective action:

Site to collect more meter readings and sub meter readings to get more data to carry out a comprehensive analysis.

Finding No:

TNR-006846

Checklist Item No:

1.3.5

Status:

In Progress - CA plan approved

Finding level:

Minor

Due date:

2024-Jan-26

Checklist item:

Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.

Findings:

The generator set area (two units were available in standby modes) can be included in the map as this area can also be a potential source of water pollution (near the fuel tank). Likewise, there were two used lead acid batteries stored within the area as noticed during the site tour. All possible sources of contamination, including chemicals used or kept on site, must be located and mapped.

Corrective action:

Disposal of used lead acid batteries stored within the generator area by an appropriate vendor to avoid any further possible sources of contamination.

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Audit Number: AO-000834

Finding No:	TNR-006848
Checklist Item No:	1.4.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2024-Jan-19
Checklist item:	The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.
Findings:	The site was able to describe the correct understanding of indirect water use in primary inputs for BAT Indonesia, BAT Singapore, and BAT Malaysia though data for BAT Singapore and BAT Malaysia were not yet available. However, there were no identified quality and level of risks within the respective catchment areas (overseas catchment areas where the sources of primary inputs belong) which are part of the requirements of this indicator.
Corrective action:	Hold a stakeholder engagement with stakeholders outside the catchment area to provide any documentation of their water quality testing and risks they may face.
Finding No:	TNR-007321
Checklist Item No:	1.4.2
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2024-Jan-26
Checklist item:	The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.
Findings:	An Excel file was submitted for this indicator including the mapping of the embedded water use which was understood as the usage of water in the Toilets, Kitchen, Shower, Hand washing, and Emergency hose. Based on the Glossary of Terms and in the AWS Standard with Guidance, the mapping does not describe the definition of indirect water use. The same also applies to the proposed computation of the bottled water invoices from Tara Crystal Water.
Corrective action:	To review the indicator including the mapping of the embedded water usage as stated in the AWS Standard and Guidance document.

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Finding No:	TNR-006851
Checklist Item No:	1.5.5
Status:	Open
Finding level:	Observation
Due date:	2024-Feb-29
Checklist item:	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.
Findings:	The statuses of identified IWRA were provided. However, these can't be validated/ referenced to any scientific information or through the stakeholders' engagement (i.e., when these were completed, purpose, funding, etc.). The site is recommended to expand on the identification of IWRAs as they are required to implement actions to maintain or enhance IWRAs in the catchment.
Corrective action:	Site to hold a stakeholder engagement to discuss and validate the IWRA identified, as well as to implement an action plan to maintain or enhance IWRAs in the catchment area.

Finding No:	TNR-006997
Checklist Item No:	1.5.6
Status:	Open
Finding level:	Observation
Due date:	2024-Jan-31
Checklist item:	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.
Findings:	One document was submitted for this indicator where existing water-related infrastructure was mentioned. The document likewise includes conditions and potential exposure to extreme events. However, the document can be improved to include references to the information contained therein.
Corrective action:	Review and provide reference to the information provided on the existing water-related infrastructure.

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Finding No: TNR-006852
Checklist Item No: 1.5.7
Status: Open
Finding level: Observation
Due date: 2024-Feb-29
Checklist item: The adequacy of available WASH services within the catchment shall be identified.
Findings: Water, Sanitation & Hygiene Sector Plan 2020-2025 was submitted for this indicator, and a PowerPoint presentation stating the WASH infrastructure within the catchment. However, references to the information can be included as well for validation.
Corrective action: To review and provide reference to the information provided on the adequacy of available WASH services within the catchment area.

Finding No: TNR-007322
Checklist Item No: 1.6.1
Status: Open
Finding level: Observation
Due date: 2024-Feb-29
Checklist item: Shared water challenges shall be identified and prioritized from the information gathered.
Findings: The linkage between the current and future shared water challenges in the catchment level and the site's water risk/ challenges can be established.
Corrective action: Additional information regarding water usage and water challenges shared by the catchment can be further discussed in future stakeholder engagement.

Finding No: TNR-007323
Checklist Item No: 1.7.1
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2024-Feb-29
Checklist item: Water risks faced by the site shall be identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.
Findings: The water risk assessment for the site can be improved to include a time frame for controlling these risks.
Corrective action: To include time frames and controls on all the risks identified in the water risks assessment on site, and to include in the AWS plan for tracking.

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Finding No:	TNR-007804
Checklist Item No:	1.8.1
Status:	Open
Finding level:	Observation
Due date:	2024-Feb-29
Checklist item:	Relevant catchment best practice for water governance shall be identified.
Findings:	The site is required to identify a list of possible best practice activities for water quality in the catchment through research, interaction with stakeholders, benchmarking internally across BAT and other players in the catchment.
Corrective action:	Conduct more research on the water quality at the catchment and identify all the possible best practices activities that the site can work in collaboration with the stakeholders

Finding No:	TNR-007330
Checklist Item No:	1.8.2
Status:	Open
Finding level:	Observation
Due date:	2024-Feb-29
Checklist item:	Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.
Findings:	Best practices related to water balance (water quantity item# 4 of the document submitted) were identified. However, the statement of how it will be linked to the Water, Sanitation and Hygiene Sector Plan 2020/2021-2024/2025 of the Government can be clearly described.
Corrective action:	To clearly describe the statement of best practices to water balance linked to the Water, Sanitation and Hygiene Sector Plan 2020/2021 - 2024/2025 of the Government

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Finding No:	TNR-007331
Checklist Item No:	1.8.3
Status:	Open
Finding level:	Observation
Due date:	2024-Feb-29
Checklist item:	Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.
Findings:	Best practice for water quality was described in the submitted document related to the site's wastewater discharges (item# 1). However, the references provided have no direct links for further validation. The site is recommended to extend the identification of possible best practice activities for water quality in the catchment
Corrective action:	<ol style="list-style-type: none">1. Site to provide reference of waste water discharge to landfill for further validation.2. To identify possible best practice activities for water quality in the catchment area.
Finding No:	TNR-007803
Checklist Item No:	1.8.4
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2024-Jan-31
Checklist item:	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.
Findings:	The site is require to identify a list of possible best practice activities in the catchment through research, interaction with stakeholders, benchmarking internally across BAT and other players in the catchment. There is only one item in the WS Plan and this is insufficient to meet the requirement of the Standard.
Corrective action:	Review the water stewardship plan to have more stakeholder consultation for best practices and sharing of water related issues and progressive solutions.
Finding No:	TNR-007332
Checklist Item No:	1.8.5
Status:	Open
Finding level:	Observation
Due date:	2024-Feb-29
Checklist item:	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.
Findings:	The best practice to support WASH is described in item# 3 of the attached document - regularly update the WASH Assessment Toolkit to monitor progress and compliance. However, the Toolkit can be included herein.
Corrective action:	To provide the WASH Assessment toolkit in support of this best practice

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Finding No:	TNR-007334
Checklist Item No:	2.4.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2024-Feb-29
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:	A Water Risk Assessment was submitted for this indicator. This can be improved by identifying the relevant public sectors and/ or infrastructure agencies involved in the development of these controls.
Corrective action:	Carry out more stakeholder engagements regarding water risk assessments with a plan to mitigate or adapt to the identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies.
Finding No:	TNR-007336
Checklist Item No:	3.3.2
Status:	Open
Finding level:	Observation
Due date:	2024-Feb-29
Checklist item:	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.
Findings:	The pieces of evidence to support the 97% completion of a 34% reduction in water usage can be provided.
Corrective action:	To provide water usage analysis as evidence to support the 97% completion or a 34% reduction in water usage
Finding No:	TNR-007337
Checklist Item No:	3.4.2
Status:	Open
Finding level:	Observation
Due date:	2024-Feb-29
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:	The site's effluents are directly discharged to respective septic tanks and siphoned by a service provider once every two years. The site may consider studying the ultimate receiving landfill where the wastewater is discharged.
Corrective action:	To conduct an ultimate study of the receiving landfill where the wastewater is discharged.

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Finding No:

Checklist Item No:

Status:

Finding level:

Due date:

Checklist item:

Findings:

Corrective action:

TNR-007872

3.5.1

Open

Observation

2024-Mar-29

Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.

The site is recommended to expand their activities on the maintenance of IWRAs for future audits.

To expand activities by the site on the maintenance of IWRAs for future audits

Finding No:

Checklist Item No:

Status:

Finding level:

Due date:

Checklist item:

Findings:

Corrective action:

TNR-007338

3.7.1

Open

Observation

2024-Feb-29

Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.

There are no targets yet for indirect water usage as the site has just recently engaged with the relevant stakeholders outside the catchment such as overseas suppliers of primary inputs and the local service providers (directly linked with indicators 1.4.1 & 1.4.2).

To establish targets for indirect water usage by the site for the relevant stakeholders outside the catchment such as the overseas suppliers of primary input and local service providers

Finding No:

Checklist Item No:

Status:

Finding level:

Due date:

Checklist item:

Findings:

Corrective action:

TNR-007339

3.7.2

Open

Observation

2024-Feb-29

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.

Local suppliers have been engaged accordingly, however, overseas suppliers of primary inputs have been recently engaged via email. Results of engagements will be checked in the next audit.

Hold stakeholders engagements with overseas suppliers of primary input and ensure engagement results are available in the next audit

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Audit Number: AO-000834

Finding No: TNR-007342
Checklist Item No: 3.9.2
Status: Open
Finding level: Observation
Due date: 2024-Feb-29
Checklist item: Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.
Findings: The plan of installing smart meters, sensor taps, and sensor urinals for all men's toilets is part of the best practice for achieving the site's target in terms of water balance (item# 2 of the AWS Plan). Actions are still in progress at the time of the audit.
Corrective action: To install smart meters, sensor taps and sensor urinals for mens toilets as part of best practice to achieve the site's water balance targets.

Finding No: TNR-007808
Checklist Item No: 3.9.4
Status: Open
Finding level: Observation
Due date: 2024-Feb-29
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: The result of implementation towards achieving best practices related to IWRAs in the catchment level will be checked next audit.
Corrective action: Results of the implementation towards achieving best practice to IWRSS in the catchment level to be available in the next audit

Finding No: TNR-007343
Checklist Item No: 3.9.5
Status: Open
Finding level: Observation
Due date: 2024-Feb-29
Checklist item: Actions towards achieving best practice related to targets in terms of WASH shall be implemented.
Findings: The actions towards achieving best practices related to the target on WASH are yet to be implemented on 17th November 2023.
Corrective action: Carry out actions towards achieving best practices relater to target on WASH

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Audit Number: AO-000834

Finding No: TNR-007344
Checklist Item No: 4.2.1
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2024-Jan-31
Checklist item: A written annual review and (where appropriate) root-cause analysis of the year's emergency incident(s) shall be prepared and the site's response to the incident(s) shall be evaluated and proposed preventative and corrective actions and mitigations against future incidents shall be identified.

Findings: Based on the document submitted dated 02 Oct 2023, there were no water-related emergency incidents for the last 10 years. This Report can be improved by ensuring that the annual review of the site's AWS performance includes the review of emergency incidents.

Corrective action: The water-related emergency incidents needs to be reviewed annually as part of the AWS performance review of the site, the ammendment to include the review date will be included in the plan.

Finding No: TNR-007345
Checklist Item No: 4.3.1
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2024-Jan-19
Checklist item: Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.

Findings: The consultation efforts with stakeholders on the site's water stewardship journey were identified. However, improvement can be considered by summarizing these efforts for better evaluation and analysis. In addition, water stewardship performance is yet to be shared with relevant stakeholders.

Corrective action: Carrying out an Indepth analysis on the finding from the stakeholder consultation process to understand the water related risks and mitigation plans/efforts and best practice implementation. Share the water stewardship performance with the stakeholders during future consultations.

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Audit Number: AO-000834

Finding No:	TNR-007346
Checklist Item No:	5.3.1
Status:	In Progress - CA plan approved
Finding level:	Minor
Due date:	2024-Jan-31
Checklist item:	A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.
Findings:	The Stewardship Plan is still in progress and disclosure of such can be done once completed.
Corrective action:	Finalize the AWS Plan and disclose and quantify performance targets.

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Report Details

Report	Value
Report prepared by	Elizabeth Villezar
Report approved by	Lurdes Guerra
Report approved on (Date)	27/11/2023

Surveillance

Proposed date for next audit
2024-Oct-25

Comment NA - Initial Certification

Stakeholder Announcements

Date of publication	Location
09/10/2023	Samoa Observer page 28 https://watersas.org/stakeholder-announcements/ https://a4ws.org/certification/stakeholder-announcements/
Comment	The Stakeholder Announcement was locally published in Samoa Observer dated 06, 10, 13 & 17 Sep 2023. This can also be seen on the WSAS website (https://watersas.org/stakeholder-announcements/).
Comment	The interview was done for the Samoa Water Authority representative on 24 Oct 2023 - Savelio Imu, Manager for Rural Operations.

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Catchment Information

Catchment Information

The Fuluasou Watershed is the catchment where the site is connected as this is the ultimate source of its water supply. The watershed is located in the north-central part of Upolu Island west of Apia, the capital and largest city of Samoa. Accordingly, it has an approximate measurement of 300 hectares and an altitude from sea level that varies up to 750 meters at the crater of Lake Lanotoo. The Fuluasou Watershed is accordingly the second most important source of water in Samoa which provides water supply to over 40,000 people between Apia and Satapuala near the Faleolo Airport including the Vaitele Industrial Area where the site (BAT Samoa) is located. The watershed has three main river branches where the water supply is tapped.

There is another catchment that the site affects, the final receiving body of the site's wastewater which is the Tafaigata Landfill. This landfill is categorized accordingly as a semi-aerobic landfill which has been developed since 2002 with the support of JICA (Japan International Corporation Agency). The landfill is located 10 kilometers west of Apia. It was described that the Tafaigata Landfill is equipped with leachate collection pipes, gas venting pipes, leachate ponds, etc. It has an approximate measurement of 30 ha that includes that landfill area, a sludge treatment facility, and a private recycling facility. It is accordingly managed by MNRE (Ministry of Natural Resources and Environment) of Samoa while a private contractor is sourced out for the day-to-day landfilling and soil covering onsite using heavy equipment/machinery.

This landfill receives all the wastes collected and transported from Upolu Island and the nearby islands of Manono and Apolima. The collection and transport are contracted as well.



Imagem1.png

Comment

Two documents are attached (PowerPoint and the Word file) for further reference about the catchment. Pieces of online information have been used to validate the Catchment further.

<https://www.fao.org/fishery/docs/CDrom/aquaculture/a0845t/volume2/docrep/field/381351.htm#P292-32950>

<https://library.sprep.org/content/samoas-tafaigata-landfill-rehabilitation-project-action>

<https://www.sprep.org/j-prism-2/home>

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[illegible]

Site Location & Fuluasou Catchment.png



BAT Samoa.png

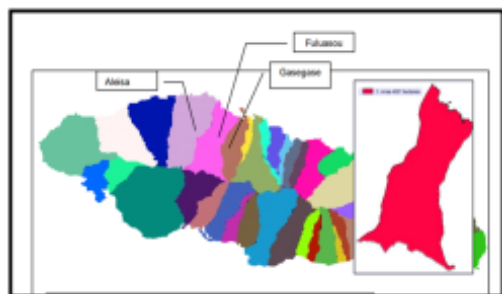
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BAT Samoa1.png



Upolu Island - Apia.png

Client/Site Background

British American Tobacco Ltd. Samoa is located at Vaitele-tai village and industrial area with a lot size of 6,189m² within the Faleata district in Upolu, one of the main islands of Samoa. Based on the topographic map, the Samoa Factory is about 7.7km from the Fuluasou Catchment. BAT Samoa is situated within an industrial zone of Vaitele wherein water supply is being sourced from the same catchment (Fuluasou Watershed). Samoa Water Authority supplies water to the site from the Fuluasou Catchment. Though rainwater harvesting has been started, this is only used for backup in case of water shortage. All the wastewater is discharged in several septic tanks collected by an outsourced provider once every two years and disposed of in a controlled landfill (Tafaigata Landfill) managed by the Government of Samoa.

Comment There are four documents attached for further reference of the site's information.

Summary of Shared Water Challenges

Summary of Shared Water Challenges

This is the summary of shared water challenges within the catchment:




- Poor water governance because of a lack of knowledge among the stakeholders about the causes of pollution in water resources
- Threat to water quality due to degradation of Watershed Areas
- Inadequacy of WASH in the catchment area
- Water scarcity due to the risk of changes in water balance in the catchment area
- Poor water quality in the catchment area
- Poor water absorption that causes flooding upstream

Comment A document on Shared Water Challenges is attached.

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0.1 General Requirements for Single Sites, Multi-Sites and Groups	
0.1.1	<i>Eligibility Criteria</i>
0.1.1.1	<i>The site(s) occupy one catchment OR an exception has been granted.</i> 
Comment	Yes The site (BAT Samoa) occupies one catchment only, i.e., Vaitele-tai Village, Faleata district in Upolu but it affects another two catchments (Fuluasou Watershed and Tafaigata Landfill) for its ultimate water source and ultimate wastewater discharge respectively. These catchments are located within Upolu Island.
0.1.1.2	<i>The scope of the proposed certification shall be under the control of a single management system.</i> 
Comment	Yes The scope of the proposed certification is under the control of a single management system handled by the site, BAT Samoa.
0.1.1.3	<i>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.</i> 
Comment	Yes The scope of the certification under core indicators is the operation of BAT Samoa, i.e., CRT importation from Singapore FMC; Indonesia OTP to SMD to Warehouse (Vaitele WH & Savaii Depot) to Inhouse Direct Sales Distribution to 720+ outlets direct serviced which wholesale & retail (no export as well but there are four duty-free customers).

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Alliance for Water Stewardship (AWS)

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1 STEP 1: GATHER AND UNDERSTAND

1.1 *Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the water sources from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.*

1.1.1 *The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:*

- Site boundaries;
- Water-related infrastructure, including piping network, owned or managed by the site or its parent organization;
- Any water sources providing water to the site that are owned or managed by the site or its parent organization;
- Water service provider (if applicable) and its ultimate water source;
- Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies;
- Catchment(s) that the site affect(s) and is reliant upon for water.


No

Comment There are six documents submitted for this indicator.

- Site boundaries are documented in 1.1.1. Catchment that the Site Affect
- Water-related infrastructure, including the piping network, owned or managed by the site or its parent organization is documented in 1.3.2 Site Pipeline Mapping
- Any water sources providing water to the site that are owned or managed by the site or its parent organization (rainwater tank documented in 1.3.2 Site Pipeline Mapping with 10,000L capacity)
- Water service provider (if applicable) and its ultimate water source documented in Site_Water_Source (pdf & PowerPoint presentation) and found it adequate for this part.
- Discharge points and wastewater service provider (if applicable) and ultimate receiving water body or bodies documented in the map are yet to be updated in a document but the site is discharging its wastewater in four septic tanks (need to know the capacity) wherein siphoning is done every two years by a Jaffas Sanitation Company (a government approved contractor)
- documented in Site Water Source
- Catchment(s) that the site affect(s) and is reliant upon for water documented in Site_Water_Source (Fuluasou Treatment Plant - filtration & chlorination)

Finding No: TNR-006810

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.


No

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Comment Two documents were submitted for this indicator (1.2.1_Stakeholder_Identification_2023 & 1.2.1 scanned copies survey & group activity) where a list of stakeholders is included with the engagement results. A presentation was likewise available including the attendance records wherein actual water-related challenges were shared (requested to update the file to include the water-related interests & challenges and the stakeholders overseas that supply the primary inputs such as cigarette paper, tobacco leaves, packs, boxes, and adhesives).

Finding No: TNR-006842

1.2.2 *Current and potential degree of influence between site and stakeholder shall be identified, within the catchment and considering the site's ultimate water source and ultimate receiving water body for wastewater.* ✗
No

Comment One document was submitted for this indicator (1.2.2_Samoa_Stakeholders_Mapping_2023) degree of influence was rated as favorable & neutral - methods of influence of BAT Samoa can be updated whether the stakeholders fall under a certain category such as partner, needs involvement, needs information, need to consult or BAT needs to reciprocate actions. Only two links (four & five) can be opened out of five (links numbered one to three can't be opened & verified).

Finding No: TNR-006843

1.3 *Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.*

1.3.1 *Existing water-related incident response plans shall be identified.* ✔
Yes

Comment Water Incident Response Plan Ver 1.0 dated 28 Sep 2023 was submitted for this indicator which contains the introduction, objectives, definition, management structure (water incident team), site water incident team contact list, level 3 water incidents, etc. Basically, the contents are about the breakdown of the main water pipe connected to the SWA metered pipe, soil contamination, overflowing of STP, and chemical spills.

1.3.2 *Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped* ✔
Yes

Comment There were three documents submitted 1.3.2_Site_Water_Balance_Identification_Procedure, and 1.3.2 Site Pipeline Mapping 23 (pdf & jpg formats). Site water balance starts from the incoming water from SWA (Samoa Water Authority) supply (metered) going to various areas of the site with submeters to monitor the usage per area. The wastewater discharges are directly connected to four septic tanks that are siphoned every two years and dumped into a landfill controlled by the Government of Samoa.

1.3.3 *Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.* ✗
No








Comment There were four documents submitted for this indicator Copy_of_Environment_KPIs_Calculator_v1_(version_2), 1.3.2_Site_Water_Balance_Identification_Procedure, and 1.3.2 Site Pipeline Mapping 23 (pdf & jpg formats). The discharge water is yet to be quantified since the wastewater from various areas/ buildings goes directly to the septic tank and the siphoning is done every two years wherein not all tanks are siphoned at the same time. The annual variance in water usage rates relative to inflows, losses, storage and outflows is yet to be quantified as the site is still in the process of obtaining data that started only this year (2023).

Finding No: TNR-006845

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1.3.4	Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.	 Yes
Comment	The parameters of the SWA test for water quality from the source (with four testing points described in the PowerPoint) are turbidity, pH, TDS, and coliform. There were four documents submitted for this indicator and found to be adequate in addressing this indicator.	
1.3.5	Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.	 Obs.
Comment	There are two chemical storage areas evident during that time of audit (flammable chemicals) and a fuel tank of 2,600L capacity which can be the potential sources of pollution along with the generator set area with two used batteries on the floor.	
1.3.6	On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.	 Yes
Comment	There is no IWRA available within the site where the site recognizes (a document was provided for this indicator). However, IWRA's within the catchment were identified and mapped accordingly. These were identified based on environment, and economic importance.	
1.3.7	Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.	 Yes
Comment	There are seven documents submitted for this indicator (1.3.7 Quote_water_tanks_and_urinal_- BAT_Samooa; 1.3.7 Water_Related_Costs_ ; 1.3.7_Water_Bill_2020-2023; 1.3.7_Water_Bill_Jan.23); etc. Annual related costs in terms of economic, social, and environmental were quantified.	
1.3.8	Levels of access and adequacy of WASH at the site shall be identified.	 Yes
Comment	There were three documents submitted for this indicator (which exceeded the government requirement). References and computation were included in the submission.	
1.4	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.	
1.4.1	The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.	 No
Comment	An Excel file was submitted for this indicator including the mapping of the embedded water use which was understood as the usage of water in the Toilets, Kitchen, Shower, Hand washing, and Emergency hose and this is not the case as defined in the Glossary and as stated in the AWS Standard with Guidance. In the next Excel Sheet, the site was able to describe the correct understanding of indirect water use in primary inputs for BAT Indonesia, BAT Singapore, and BAT Malaysia though data for BAT Singapore and BAT Malaysia were not yet available. In addition, there were no identified quality and level of risks within the respective catchment areas (overseas).	
Finding No: TNR-006848		
1.4.2	The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.	 No

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Comment An Excel file was submitted for this indicator including the mapping of the embedded water use which was understood as the usage of water in the Toilets, Kitchen, Shower, Hand washing, and Emergency hose and this is not the case as defined in the Glossary and as stated in the AWS Standard with Guidance.

In the third Excel sheet, the outsource providers were identified and water usage was quantified. However, it has to be understood that Tara Crystal Water is a drinking water provider and the total used water to supply to the site can't be treated as indirect water use, only the water used to clean the portable water bottles and the water used to clean the delivery vehicles.

Finding No: TNR-007321

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.*

Yes

Comment One document was provided for this indicator 1.5.1_Water_Governance_initiatives. This document lists all the Samoa Government initiatives relative to water management. Opportunities for collective actions were identified as well.

1.5.2 *Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.*

Yes

Comment One document was submitted for this indicator listing all the applicable water-related legislation to the site. No customary water rights exist within the catchment as everybody is entitled for clean and safe water provided by the Samoan Government.

1.5.3 *The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.*

Yes

Comment There is one document provided for this indicator 1.5.3_Catchment_Water_Balance. The data extracted from the document is very limited as there is accordingly a difficulty in obtaining water use per catchment (Estimated surface water balance – 6,976,088m3; Estimated groundwater balance – 2,566,938m3 with a TOTAL water balance – 9,543,026m3 available for use).

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.*

Yes

Comment Two documents were provided here 1.5.4_Falemauga_WQ_results and 1.5.4_Summary_Catchment_Water_Quality. No identified water-related challenge within the catchment as the area is far from the inhabitants stated in 1.6.1 item# 4 of the Challenges of the Catchment. The authority is very strict in maintaining the catchment area free from any development. The analysis for water quality includes pH, temperature, conductivity, total dissolved solids, E.coli, enterococci, and total coliform.

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.*

Obs.

Comment One document was submitted for this indicator identifying three IWRAs within the catchment level (excel file) that includes a map of these in the next Excel sheet.

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1.5.6	<i>Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.</i>	 Obs.
Comment	One document was submitted for this indicator where existing water-related infrastructure was mentioned. The document likewise includes conditions and potential exposure to extreme events.	
1.5.7	<i>The adequacy of available WASH services within the catchment shall be identified.</i>	 Obs.
Comment	Water, Sanitation & Hygiene Sector Plan 2020-2025 was submitted for this indicator, and a PowerPoint presentation stating the WASH infrastructure within the catchment.	
1.6	<i>Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.</i>	
1.6.1	<i>Shared water challenges shall be identified and prioritized from the information gathered.</i>	 Obs.
Comment	One document was submitted for this indicator containing shared water challenges in the catchment level and the site's water risk/ challenges but the linkage between the shared water challenges in the catchment and the site's water risks/ challenges has not been established.	
1.6.2	<i>Initiatives to address shared water challenges shall be identified.</i>	 Yes
Comment	Initiatives to address shared water challenges were identified in the document submitted.	
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>	 No
Comment	One document was submitted for this indicator 1.7.1 Water Risks faced by the Site final which includes potential costs and impacts to the site. The timeframe can be included. Finding No: TNR-007323	
1.7.2	<i>Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.</i>	 Yes
Comment	The water-related opportunities were identified in document 1.7.2 Water Related Opportunities v1 with the amount of potential savings and the mitigation plans and opportunities for the site.	
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>	 Obs.
Comment	Relevant catchment best practices are related to the 2.3.2 AWS Plan item# 1 - frequent stakeholder engagements with a target of twice a year for a total of 30 stakeholders a year.	
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>	 Obs.

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Comment	Relevant sector and/or catchment best practices for water balance are related to item# 2 of the 2.3.2 AWS Plan item# 2 - Influence service providers through effective engagements to implement reduced water mechanisms by quarterly engagements.	
1.8.3	<i>Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.</i>	 Obs.
Comment	Best practice for water quality was described in the submitted document item# 3 related to the site - SROS and SWA to conduct on-site water quality testing on a quarterly basis (2.3.2 AWS Plan).	
1.8.4	<i>Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.</i>	 No
Comment	The best practice related to important water-related areas was identified in item# 7 of the submitted document 2.3.2 AWS Plan & item# 1 of 1.8&3.9 - by annual involvement in Government initiatives in sustaining best practices in IWRA	
Finding No: TNR-007803		
1.8.5	<i>Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.</i>	 Yes
Comment	The best practice to support WASH is described in items 4-6 of the attached document 2.3.2 AWS Plan which is also reflected in 1.8&3.9 item# 2	

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2	STEP 2: COMMIT & PLAN - Commit to be a responsible water steward and develop a Water Stewardship Plan	
2.1	<i>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.</i>	
2.1.1	<i>A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:</i> <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. 	 Yes
Comment	<p>One document is submitted for this indicator - Water Stewardship Commitment BAT SAMOA - VAITELE FACTORY signed by the General Manager. All the commitments were mentioned.</p> <p>Water Stewardship Commitment BAT SAMOA - VAITELE FACTORY signed by the General Manager, however, improvement can be considered reflecting its version and date of approval.</p>	
2.2	<i>Develop and document a process to achieve and maintain legal and regulatory compliance.</i>	
2.2.1	<i>The system to maintain compliance obligations for water and wastewater management shall be identified, including:</i> <ul style="list-style-type: none"> - Identification of responsible persons/positions within facility organizational structure - Process for submissions to regulatory agencies. 	 Yes
Comment	<p>There are two documents (PDF & word files) submitted for this indicator - Procedure to Maintain Compliance Obligation SOP-SYS-001-v0 dated 17.05.2023.</p>	
2.3	<i>Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.</i>	
2.3.1	<i>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.</i>	 Yes
Comment	<p>WATER STEWARDSHIP STRATEGY, VISION, AND MISSION signed by the General Manager was submitted for this indicator - just need to indicate its version and date of approval.</p>	
2.3.2	<i>A water stewardship plan shall be identified, including for each target:</i> <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. 	 Yes

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Comment One document was submitted for this indicator - AWS Master Plan 2023 updated as of 25 October 2023.

- How it will be measured and monitored (stated in column I - monitoring & measurement: target)
- Actions to achieve and maintain (or exceed) it (stated in column H - programs: activities)
- Planned timeframes to achieve it (stated in column L - frequency of follow-ups and column P - completion date: expected date)
- Financial budgets allocated for actions (stated in column R - AWS budget: \$34k SAT/p.a)
- Positions of persons responsible for actions and achieving targets (stated in column K - Group)
- Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes (stated in column C - AWS outcomes where the activities are linked respectively)

2.4 *Demonstrate the site's responsiveness and resilience to respond to water risks*

2.4.1 *A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.*


No

Comment Risk controls were described in the document 1.7.1 Water Risks Assessment in the site. This can be improved by identifying the relevant public sectors and/ or infrastructure agencies involved in the development of these controls.

Finding No: TNR-007334

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3 STEP 3: IMPLEMENT - Implement the site's stewardship plan and improve impacts		
3.1	Implement plan to participate positively in catchment governance.	
3.1.1	Evidence that the site has supported good catchment governance shall be identified.	✓ Yes
Comment	There are five documents and eight photos were submitted for this indicator showing the agenda and actual engagement with stakeholders relative to the support for good catchment governance.	
3.1.2	Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.	✓ Yes
Comment	There is one document submitted for this indicator where BAT is providing safe and clean drinking water among beneficiary communities.	
3.2	Implement system to comply with water-related legal and regulatory requirements and respect water rights.	
3.2.1	A process to verify full legal and regulatory compliance shall be implemented.	✓ Yes
Comment	There were three documents submitted for this indicator with no legal & regulatory violations at the time of the audit. Evaluation of compliance can be found in the document 1.5.2 & 3.2.1. Regulatory Compliance Assessment (column O).	
3.2.2	Where water rights are part of legal and regulatory requirements, measures identified to respect the water rights of others including Indigenous peoples, shall be implemented.	✓ Yes
Comment	Access to clean and safe water is everybody's right in Samoa and there are no identified indigenous peoples.	
3.3	Implement plan to achieve site water balance targets.	
3.3.1	Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.	✓ Yes
Comment	The monitoring of water usage is ongoing as the site is still in the process of monitoring its performance. 2.3.2 The AWS Plan is still in the process of completion until the first quarter of 2024 though for the reduction there's a 97% completion & 50% completion of level 2 metering installed.	
3.3.2	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.	Q Obs.
Comment	The implementation status of water use reduction is at 97% completion. However, specific evidence can be provided for this indicator (raw data).	
3.3.3	Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.	✓ Yes
Comment	CSI Assistance for Water Pool Upgrade Luatuanu'u dated 06 Dec 2021 was provided and signed by the Treasurer of the community dated 07 Dec 2021.	

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3.4	<i>Implement plan to achieve site water quality targets</i>	
3.4.1	<i>Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.</i>	 Yes
Comment	The status of progress towards meeting water quality targets set in the water stewardship plan was identified in the 2.3.2 AWS Plan in item# 3 with 100% completion.	
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>	 Obs.
Comment	It will be done in the future, the document provided is about the quality of incoming water (water's ultimate source). The site's effluents are directly discharged to respective septic tanks and siphoned by a service provider once every two years. The site may consider studying the ultimate receiving landfill for the wastewater.	
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>	 Obs.
Comment	The site has no Important Water-Related Area thus, there is no plan for such. However, the best practice related to important water-related areas was identified in item# 7 of the submitted document 2.3.2 AWS Plan & item# 1 of 1.8&3.9 - by annual involvement in Government initiatives in sustaining best practices in IWRA moving forward (not yet completed though at the time of audit).	
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
Comment	The records of testing of the site's drinking water from Tara Crystal Water dated 05 Oct 2023 were attached including the Letter of Compliance for the month of September 2023 from the Government of Samoa Ministry of Health.	
3.6.2	<i>Evidence that the site is not impinging on the human right to safe water and sanitation of communities through their operations, and that traditional access rights for indigenous and local communities are being respected, and that remedial actions are in place where this is not the case, and that these are effective.</i>	 Yes
Comment	Two documents were attached for this indicator stating that BAT Samoa does not impinge any human right to water, instead, the site supports the provision of safe drinking water to beneficiary communities. Within the site, employees have access to adequate WASH as described in the photos in the second document.	
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>	 Obs.
Comment	There are no targets yet for indirect water usage as the site has just recently engaged with the relevant stakeholders outside the catchment such as overseas suppliers of primary inputs and the local service providers (directly linked with indicators 1.4.1 & 1.4.2).	

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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>	Q Obs.
Comment	Local suppliers have been engaged accordingly, however, overseas suppliers of primary inputs have been recently engaged via email. Results of engagements will be checked in the next audit.	
3.8	<i>Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.</i>	
3.8.1	<i>Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.</i>	✓ Yes
Comment	One document was submitted for this indicator "3.8 Water Challenges Infrastructure" showing information that there was no shared water-related infrastructure challenge among the neighboring companies or stakeholders (photos and samples of the survey were attached herein).	
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	Item # 1 of the 2.3.2 AWS Plan addresses the AWS Outcome - Good Water Governance that resulted in 100% completion of the target of which 30 external stakeholders were engaged in Sep 2023 and 46 internal stakeholders in the same month.	
3.9.2	<i>Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.</i>	Q Obs.
Comment	The plan of installing smart meters, sensor taps, and sensor urinals for all men's toilets is part of the best practice for achieving the site's target in terms of water balance (item# 2 of the AWS Plan). Actions are still in progress at the time of the audit.	
3.9.3	<i>Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.</i>	✓ Yes
Comment	Quarterly basis testing of water quality within the site conducted by SROS and SWA in several sampling areas (total of 16 areas) for the microbiological, physical, and chemical parameters	
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>	Q Obs.
Comment	There's no IWRA within the site and it was validated and acknowledged during the time of the audit. However, the best practice related to important water-related areas was identified in item# 7 of the submitted document 2.3.2 AWS Plan & item# 1 of 1.8&3.9 - by annual involvement in Government initiatives in sustaining best practices in IWRA moving forward (not yet completed though at the time of audit).	
3.9.5	<i>Actions towards achieving best practice related to targets in terms of WASH shall be implemented.</i>	Q Obs.
Comment	The actions towards achieving best practices related to the target on WASH are yet to be implemented on 17th November 2023.	

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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	At the time of the audit, the accomplishment of the site against its target was at 44%.	
4.1.2	<i>Value creation resulting from the water stewardship plan shall be evaluated.</i>	✓ Yes
Comment	The value creation resulting from the water stewardship plan was evaluated in column Q - benefits of the project & relation to AWS Outcomes.	
4.1.3	<i>The shared value benefits in the catchment shall be identified and where applicable, quantified.</i>	✓ Yes
Comment	The shared value benefits in the catchment were identified in column Q of the AWS Plan version 1 dated 25 Oct 2023.	
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>	✗ No
Comment	Based on the document submitted dated 02 Oct 2023, there were no water-related emergency incidents for the last 10 years. This Report can be improved by ensuring that the annual review of the site's AWS performance includes the review of emergency incidents. Finding No: TNR-007344	
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>	✗ No
Comment	The consultation efforts with stakeholders on the site's water stewardship journey were identified. However, improvement can be considered by summarizing these efforts for better evaluation and analysis. In addition, water stewardship performance is yet to be shared with relevant stakeholders. Finding No: TNR-007345	
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
Comment	It was noted that the document AWS Master Plan 2023 was last updated on 25 October 2023. Any revisions/ changes are accordingly accounted for and traced.	

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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.	Yes
Comment	The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations, is disseminated among employees through meetings and other relevant stakeholders through newspaper publications.	
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	Stakeholders' engagements were conducted accordingly through meetings discussing the site's potential contributions to AWS Outcomes in collaboration with these relevant stakeholders. The attached documents describe the engagement activities with the relevant stakeholders and how the discussion of water-related shared challenges were identified.	
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.	No
Comment	The Stewardship Plan is still in progress and disclosure of such can be done once completed. Finding No: TNR-007346	
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.	Yes
Comment	The disclosure of the site's shared water-related challenges and efforts made to address these challenges were discussed accordingly during the stakeholders' engagement. This was likewise validated during the interview of three sampled stakeholders wherein they were made aware of the site's efforts to address water-related challenges.	
5.4.2	Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.	Yes
Comment	Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies were conducted accordingly. Validated during the interview of the SWA Representative.	
5.5	Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.	

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5.5.1	<i>Any site water-related compliance violations and associated corrections shall be disclosed.</i>	 Yes
Comment	One document was submitted for this indicator stating that there were no water-related compliance violations for the last 10 years.	
5.5.2	<i>Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.</i>	 Yes
Comment	One document was submitted for this indicator stating that there were no water-related compliance violations for the last 10 years.	
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	No site water-related violation that may pose significant risk and threat to human or ecosystem health but their Incident Response Form is available.	

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Photographic Evidence from Audit

✔

Yes

Comment

A site tour was done from the Samoa Water Authority meter (water incoming supply) just outside the fence of the BAT Samoa site, going to the Security House to check on the presence of WASH in the area and the septic tank where all wastewater from the Security House is discharged. The next stop was in the Conference Room where the use of water for WASH purposes was verified and all discharges went to the nearby septic tank, a tap outside was noted for washing purposes as may be required. A fuel tank of 3,000L capacity (current contents need to be provided) was also present with a bund wall at the bottom (capacity is unknown) near the generator sets cage with two used lead acid batteries (cited that can be improved as these may pose a potential source of water pollution if mishandled). A pail of used oil was found at the back of the machining area but was immediately removed and placed in an area to prevent potential spills.



Fuel tank.jpg

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Machining area2.jpg

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water tap outside the conference room.jpg

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conference room2.jpg

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conference room.jpg

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water storage tank from SWA.jpg

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Fuel tank3.jpg

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water tap outside the conference room3.jpg

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fuel tank4.jpg

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Fuel tank2.jpg

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conference room3.jpg

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water tap outside the conference room2.jpg

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shed facing the fence outside.jpg

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water storage tank from SWA2.jpg

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Machining area.jpg