

# ISO 14046: WATER FOOTPRINT PUBLIC DISCLOSURE REPORT

*ABDULLAH GÜL UNIVERSITY*



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**ISO 14046: Water Footprint**

**Public Disclosure Report**

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# 1.

## Introduction

As environmental sustainability is becoming increasingly important worldwide, the sustainable management of water resources has become a major concern. According to studies conducted by the United Nations (UN), only 0.5% of the world's water is potable and these resources are decreasing due to global warming. As a result of such situations, the effective and sustainable use of water has become a priority for individuals, societies, and institutions. Universities also play an important role in this process.

Abdullah Gül University (AGU) is a third-generation state university established in 2010 with the vision of becoming a prestigious international university that has internalized innovation and creativity, produces information and contributes to the science and society at a high level by transforming information to value. Within the framework of its vision, AGU also sees its contribution to the world and the environment as a responsibility. AGU has prepared this Water Footprint Report to analyze AGU's environmental impacts that may cause climate change, to calculate its water footprint, and to determine its mitigation potential to become a more sustainable campus.

The purpose of this report includes

- Analyzing AGU's water consumption and use in detail.
- Providing information on water resources.
- Identifying potential opportunities to reduce water consumption and promote water saving initiatives.

We would like to thank all our employees and stakeholders who contributed to the preparation of this report.

AGU remains committed to environmental sustainability and will continue to contribute to a greener future.

# 2.

## Definitions and Acronyms

**Water Footprint** is a concept that measures the amount of water used during the production of a product, service, or process.

**Blue Water** refers to the use of surface and groundwater. Blue water includes water used for irrigation, industrial processes, and domestic consumption.

**Green Water** refers to water resources that are directly associated with rainfall, such as irrigation with rainwater or the use of natural wetlands.

**Grey Water** represents wastewater that passes through water treatment plants and is then discharged into the environment.

**Water Footprint Calculation** refers to the process of calculating the water footprint of a particular product or process.

**WFN** refers to the Water Footprint Network, a global leading organization on calculating water footprint.

**LCA (Life Cycle Assessment)** refers to the life cycle assessment of a product or service. Water footprint calculations can be done as part of an LCA.

**IWRM** refers to Integrated Water Resources Management and aims to manage water resources in a sustainable manner.

**Water Use Efficiency (WUE)** indicates that a process or product uses water efficiently.

**Base year** is a period in the past, determined for future comparison of water footprint or removals or other water-related information. Note - Base year footprint or removals can be calculated based on a specific time period (one year) or an average over several time periods.

## 3. Organization Information

Environmental sustainability has become an important priority today. Thus, many international goals such as the UN Sustainable Development Goals, the European Union (EU) Green Deal, and the EU Circular Economy Action Plan have been called for. The Paris Climate Agreement, which is a continuation of the Kyoto Protocol process, has emerged as a result of all institutions and individuals recognizing the increase in environmental problems and striving to prevent it. As Türkiye has become a party to the agreement, AGU has also made commitments to reduce this damage. AGU, while operating as an internationally-oriented university, strives to play a part in the global initiative by engaging in efforts that minimize its ecological footprint and work towards achieving sustainability objectives. It carries out its activities in line with the United Nations Sustainable Development Goals (UN SDGs). This Water Footprint Report contributes to SDG 6 (Clean Water and Sanitation), SDG 13 (Climate Action), SDG 14 (Life Below Water) and SDG 17 (Partnerships for the Goals).



AGU, the first Turkish Public University supported by a philanthropic foundation (AGUV), was established on 21 July 2010 and enrolled its first students in the 2013- 2014 academic year. AGU was established in the city of Kayseri, a Historical, Industrial and Touristic Hub of Turkey counting 1,5 Mio inhabitants.

AGU was designed as a Socio-Technical University Model for Higher Education, an on-going initiative supported by the Turkish Ministry of Development. The project was defined with the help of over 20 Search Conferences and 40 Workshops, and has aimed at pioneering the New Generation University model in Turkey, with unique and innovative curricula and educational processes, with the objective of disseminating the project's findings across all higher education institutions in the country and beyond.

This pilot project, started in 2010 by the Turkish State to reform the Higher Education, was shaped by +700 contributors from Universities, Corporations, NGOs, etc. and is the 1st cross-sectorial initiative for a Hybrid University Model.

AGU, as a research university seeking solutions to global challenges through partnerships and learner-centered approaches, aims to raise citizens who can contribute to their communities and shape the future by converting knowledge into personal and social values.

With its mission focusing on societal impact, AGU targets global challenges, which will also stimulate students' professional careers and ambitions. AGU aspires to the ways of engagement with UN sustainable development goals (SDGs) through the provision of qualified human resources, development of technology, production of patents, founding new start-up companies, running industrial projects, development of economic and social policies, contribution to the culture, and the dissemination of knowledge to the society.

AGU's primary objective is to pioneer "New Generation Universities" by blending the three university missions (1<sup>st</sup> Education, 2<sup>nd</sup> Research and 3<sup>rd</sup> Societal Impact) via innovative approaches, focusing particularly on the 3<sup>rd</sup> mission.

Within the framework of its vision, AGU sees its contribution to the world and the environment as a responsibility. AGU has prepared this Water Footprint Report to analyze AGU's environmental impacts that may cause climate change, to calculate its water footprint and to determine its mitigation potential to become a more sustainable campus. AGU has prepared many policies and guidelines and received certification to become a sustainable campus.

# 4.

## Emission Boundaries

### 4.1. Institution Boundaries

The boundaries for the calculation of AGU's water footprint were identified by taking into account its active offices. While determining the organizational boundaries, the “control approach” was adopted. Thus, only administratively or financially controlled boundaries were taken into account. In this context, water management due to the activities carried out or managed at the buildings and facilities located at AGU Sümer Campus, 38080 Kayseri, Türkiye were calculated.

All areas used for education including faculty, graduate schools, and administrative office buildings, sports centers, laboratory buildings, and residence halls and dormitories on the AGU Sümer Campus were counted in the institutional boundaries. The areas counted within the institutional boundaries are shown on Figure.

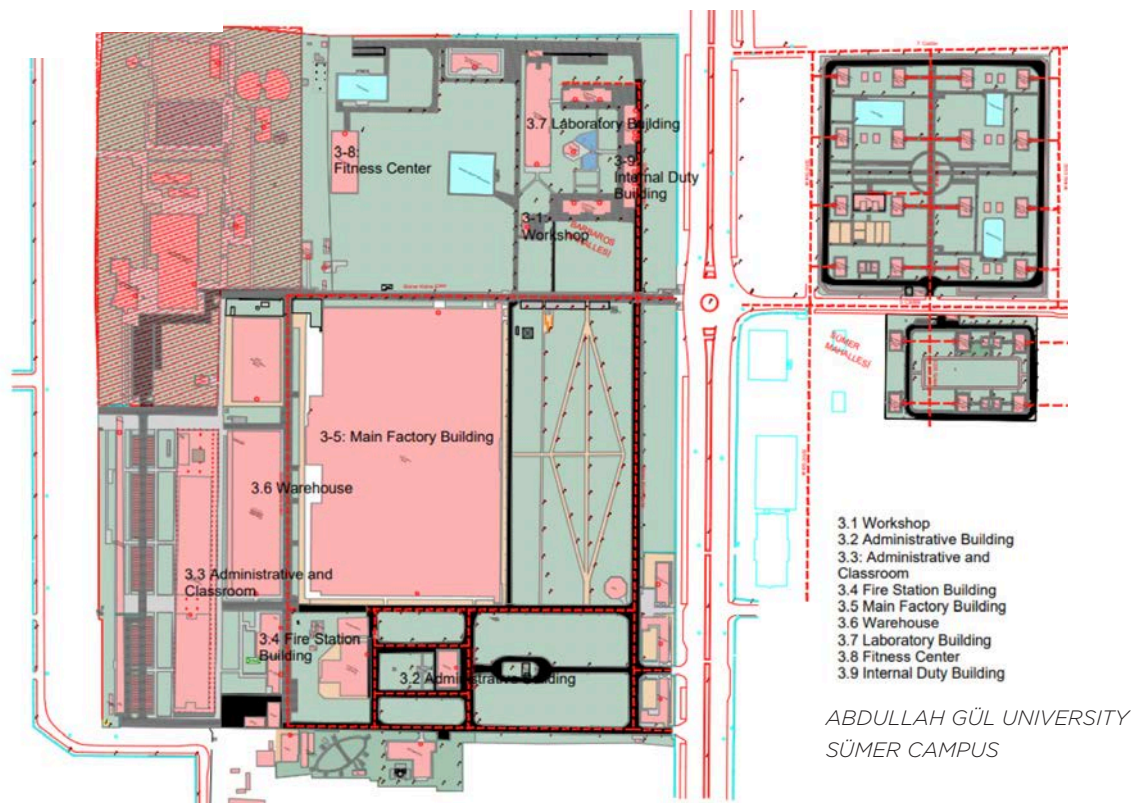


Figure 1. AGU Sümer Campus Water Scheme



## 4.2. Reporting Limits

Within the scope of inventory studies, data on water withdrawn from the network, water withdrawn from wells, purchased water, and discharged water quantities were collected.

# 5. Summary of Water Footprint

One of the steps AGU follows for the effective use of water resources and the adoption of a sustainable water management approach is the calculation of the Water Footprint. In this context, the "water footprint" calculation and reporting process is an important tool for monitoring and managing water use. According to the 2022 AGU Water Footprint Report, AGU's total per capita water footprint was 43,52. AGU has managed to decrease its per capita water footprint this year to 41,02. For the current year 2023, Table 1 shows the water consumption of the administrative and buildings with the classrooms, Main Factory, Steel Building, laboratories, Great Warehouse and internal duty houses in AGU Sümer Campus.

*Table 1. Water Consumption Information*

Water Source	Amount (in m <sup>3</sup> )	Location	Intended Use	Data Source	Responsible Office
Municipal Water	24.497,11	Service Buildings, Fire extinguishing	Tap water	Kaski meter	Office of Construction and Technical Works
Well Water 1	80.644,95	Grass areas / Garden	Lawn irrigation	Flow meter	Office of Construction and Technical Works
Well Water 2	36.026,36	Grass areas / Garden	Lawn irrigation	Flow meter	Office of Construction and Technical Works
Well Water 3	23.501,89	Grass areas / Garden	Lawn irrigation	Flow meter	Office of Construction and Technical Works
Recycled water via Grey Water System	360	Toilet bowls	Steel Building	40 tons warehouse X 8 filling	Office of Construction and Technical Works
Pre-packaged water	4102	Drinking water	Steel Building	Invoice	Rectorate
Rain Water	108	Toilet bowls	Steel Building	Staff check	Office of Construction and Technical Works

The prepared report has been validated by the voluntary QSI Certification Ltd. Com. at a reasonable confidence level.

The water footprint results for 2023, calculated according to ISO 14046:2014 standards, are presented in Table 2, labeled 'AGU Water Footprint.' These results were divided by the campus population of 4.798 to determine the per capita water footprint.

Table 2. AGU's Water Footprint

Category	Amount	Water Footprint per capita
<b>Green Water Footprint</b>	108,00	0,02
<b>Blue Water Footprint</b>	163206,93	34,01
<b>Grey Water Footprint</b>	14950,55	3,11
<b>Total Water Footprint</b>	<b>178265,47</b>	<b>37,15</b>

When the total annual water consumption amounts in the table are categorized according to the blue, green, and grey water footprint definitions as specified in ISO 14046 standards, the following pie chart emerges.

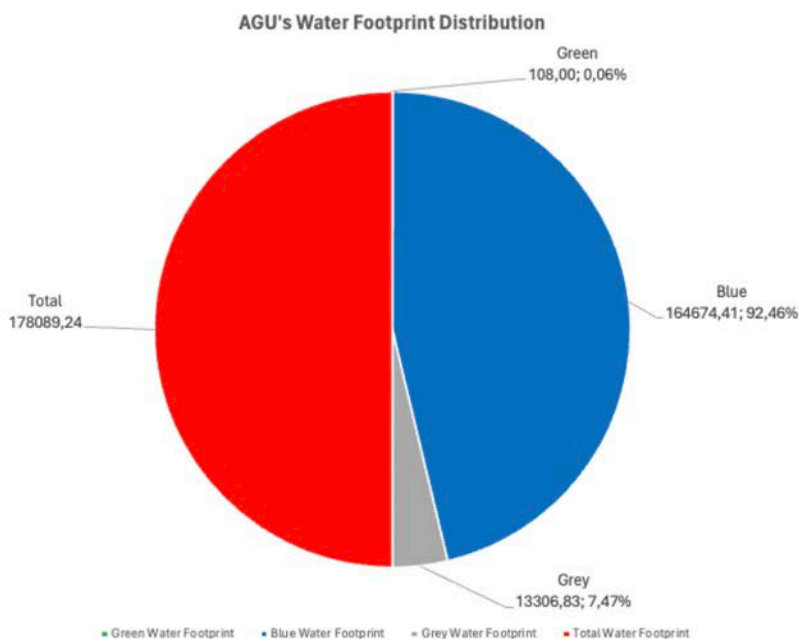


Figure 2. AGU's Water Footprint Distribution

Based on 2023 data, when we evaluate the sources of the water footprint in AGU Sümer Campus, we see that the blue water footprint is the most important source with a rate of 92,46%. The remaining 7,54% comes from the grey water footprint (7,47%) and green water footprint (0,06%). Based on this data, it is clear that the blue water footprint has a much larger share than the grey water footprint.

It is worth noting that green water footprint calculations are included in the water footprint calculations for 2023 through a measurement system. Therefore, the contribution and impact of green water resources could be fully calculated.

In light of this information, the water footprint analysis points to a conclusion that requires more focus on blue water resources in particular. Furthermore, the use of more comprehensive measurement methods and analysis in the future will help to develop a better understanding of the sustainability and management of water resources.

## 6

### Efforts to Reduce Water Footprint

Since its inception, AGU has prepared its Strategic Plan for 2023-2027 as a result of being aware of its responsibility to contribute more efficiently. In the plan, it provides University-level assessments for environmental contributions, along with improvement recommendations. It has stated that it will align these recommendations with long-term national plans when implementing goals and activities. The Strategic Plan includes environmental control measures that contribute to the environment, such as reducing Campus footprints, minimizing waste generation, promoting awareness for efficient use of energy resources, and transitioning to renewable energy sources.

In line with the vision and goals of our country regarding water management and conservation, AGU carries out practices in parallel with its goals for the efficient use of water resources. In this context, the AGU Water Efficiency Policy has been created. The purpose of the AGU Water Efficiency Policy is to reduce water consumption by using water resources in a sustainable manner, to protect water quality, and to ensure that wastewater is disposed of without causing harm. This policy aims to promote environmental sustainability by supporting water resource protection, water conservation, and awareness-raising efforts.

AGU also attaches importance to the efficiency of the use of water resources. In this context, many arrangements have been made on campus. One of these arrangements is the use of sensor faucets in sinks and urinals. In addition, aerators are used at the ends of the faucets and the water pressure is adjusted to ensure optimum use. Moreover, there is a total of 130,000 m<sup>2</sup> of green space on the AGU Sümer Campus and Student Dormitories Area. There are three underground wells on the campus. The irrigation needs of green areas are met from groundwater with the help of wells. Software is used to control the irrigation automation system and wells of green areas.

In Sumer Campus, sewage and rainwater collection lines are separated for clean water and sanitation. The waste water (non-chemical, washbasin and wc) generated after consumption in the buildings is transferred to the sewage line within the campus. It is discharged to the sewage line of the municipality with the support of the pumping station.

AGU attaches great importance to water management practices. In this direction, the University uses the Grey Water Treatment System. With this system, rainwater and raw water from sinks in the AGU Rectorate, administrative and buildings with the classrooms are recycled for use in toilets through the grey water system. AGU aims to expand the Gray Water Treatment System to all buildings to reuse water in sinks. . In addition, AGU Sümer Campus meets its drinking and utility water needs from the municipal water supply network.

Moreover, AGU Department of Construction and Technical Works has established a policy to only plant trees consuming low amounts of water, such as coniferous trees (yellow pine, black pine, etc.), on campus which means drought resistant plants such as black pine are especially preferred. Pruning of planted trees and maintenance of irrigation systems are carried out periodically and this is stated in the environmental analysis report.

AGU applies building standards to minimise water use and has a comprehensive water conservation program in place. All buildings are equipped with common equipment such as photocell faucets and photocell siphons to conserve water. As a result of these water and energy saving studies, AGU was awarded with the LEED Silver Award in 2015. AGU's LEED Certification proves that all AGU facilities are designed and constructed using strategies that aim to improve performance in energy conservation, water efficiency, reduction of CO<sub>2</sub> emissions, improvement of indoor quality, and sensitivity to resource conservation and impacts.



Figure 3. LEED Certificate

AGU, which aims to create global awareness within its local community, organizes seminars on water use and resource scarcity, open to the participation of the public and students. It increases its environmental impact with these seminars.

# 7.

## AGU's Future Goals

As a public university, AGU has set the following goals in line with the holistic environmental sustainability strategies and targets adopted in our country:

Table 3. AGU's Future Goals

AGU's Targets	AGU's Activities
T.1 Reduce water Intensity by 3% every year	A.1 Having periodic training for all
	A.2 Ensuring that all water-consuming fixtures and urinal have sensors to minimize water consumption
	A.3 Planting periodic water-conscious plants
	A.4 Re-examination of existing water equipment in line with new criteria
T.2 Increase collected rainwater by 40% by 2027	A.5 Installation of new rainwater harvesting systems
T.3 Increase the amount of recycled water by 40% by 2025	A.6 Expanding the Gray Water Treatment System to all buildings to reuse water in sinks
T.4 Establish Water Footprint Management System	A.7 Fulfillment of system requirements
T.5 Raise awareness on campus about sustainable water use	A.8 Conducting user awareness raising activities (seminars, workshops) to reduce water consumption
T.6 Increase the controls of leakage and leakage rates	A.9 Developing control strategies to identify leakage and monitoring consistently

• In order to achieve these targets, it is aimed to reduce and eventually eliminate unnecessary water use by maximizing the efficiency of water management and improving existing waste management within the framework of guided activities. The AGU Sustainability Office, which was established to achieve, control and develop the University's sustainability activities, will monitor these activities. The water management aspects that AGU addresses through its climate action plan are determined as follows.

- Water-conscious use
- Water-conscious building
- Water-conscious planting
- Water reuse projects
- Water footprint calculation & verification
- Water discharges management
- Aquatic ecosystem damage prevention

AGU remains committed to consistently conducting water consumption measurements aligned with its strategic objectives, as reflected in this report. Given that 2022 serves as the base year for water footprint calculations, there is no previous timeframe for comparison since the university's inception. Nonetheless, our efforts will persist in pursuit of the targets established with 2022 as the reference point. Over the next decade, we will undertake the essential work, develop projects, and secure funding to accomplish these objectives.

# 8

## Conclusion

This water sustainability report demonstrates AGU's dedication to appropriate water management. We hope to contribute to a more sustainable future by analyzing our water usage and implementing conservation measures.

As a result of AGU's efforts, AGU was awarded the first prize in the 'Outstanding Contribution to Environmental Leadership' category at the 2023 Times Higher Education Asia Awards in recognition of its environmental contributions through its activities. AGU has achieved this success with its improvement efforts and projects such as the Strategic Plan, Climate Action Plan (CAP), Zero Waste and Smart Building (LEED) Certification, and ISO 14064:2018 Certification. AGU will continue to increase its contributions to the environment.



Figure 4. Outstanding Contribution to Environmental Leadership Award

We would like to express our heartfelt gratitude to everyone who has contributed to our endeavor. Our community's commitment and collaboration are critical as we seek to ensure the responsible and efficient use of water resources. We believe we can make a significant effect by developing a culture of water conservation and environmental stewardship via continual efforts and awareness.



# Water Footprint Verification Statement

## Su Ayakizi Doğrulama Beyanı

### ABDULLAH GÜL ÜNİVERSİTESİ

#### Organizational Boundaries / Organizasyonel Sınırlar

Sümer Kampüsü 38080 Kayseri, Türkiye

The Water Footprint report has been verified to meet the standard requirements specified below according to ISO 17029:2019 / Su Ayakizi Raporunun, ISO 17029:2019'a göre aşağıda belirlenen standart gerekliliklerini karşıladığı doğrulanmıştır.

## ISO 14046:2014

Blue Water Footprint / Mavi Su Ayakizi	164674,41 m <sup>3</sup>
Gray Water Footprint / Gri Su Ayakizi	13306,83 m <sup>3</sup>
Green Water Footprint / Yeşil Su Ayakizi	108 m <sup>3</sup>

Level of Assurance Güven Seviyesi	: Reasonable / Makul	Verification Report Date Doğrulama Rapor Tarihi	: 02.04.2024
Reporting Period Raporlama Dönemi	: 01.01.2023 - 31.12.2023	Statement No Beyan No	: WP-GNL-085 / 2023

Onaylayan  
**Okay Kayhanlı – Genel Müdür**



# ISO 14046 Verification Report / Doğrulama Raporu

VERIFICATION BODY  
Doğrulama Kuruluşu

**QSI Belgelendirme Muayene ve  
Test Hizm. Ltd. Şti.**

**Revision**

**00**

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## ISO 14046 Water Footprint / Su Ayakizi

### Verification Report / Doğrulama Raporu

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<b>Verifier/s / Doğrulayıcılar</b>			
<b>Independent Reviewer / Bağımsız Gözden Geçirici</b>	Gamze DURUKAN		
<b>Statement Decision Maker / Beyan Kararını Veren</b>	Okay KAYHANLI		

<b>Statement No /</b> <i>Beyan No</i>	WP-GNL-085 / 2023
<b>Statement Date /</b> <i>Beyan Tarihi</i>	02.04.2024
<b>Organisational Boundaries /</b> <i>Organizasyonle Sınırlar</i>	Sümer Kampüsü 38080 Kayseri, Türkiye
<b>Verification Period /</b> <i>Doğrulama Periyodu</i>	01.01.2023 – 31.12.2023
<b>Verification Criteria /</b> <i>Doğrulama Kriterleri</i>	ISO 14046:2014, ISO 17029:2019
<b>The Aim &amp; Scope of the Verification /</b> <i>Doğrulama Amaç ve Kapsamı</i>	Independent and objective review of the organization's water footprint for compliance with EN ISO 14046:2014 requirements.  <i>Kuruluşun su ayak izinin EN ISO 14046:2014 şartlarına uygunluğunun bağımsız ve objektif şekilde gözden geçirilmesi.</i>
<b>Approach /</b> <i>Yaklaşım</i>	Gate to gate / <i>Kapıdan Kapıya</i>
<b>Level of Assurance &amp; Materiality /</b> <i>Güven Seviyesi ve Önemlilik</i>	<input checked="" type="checkbox"/> Verified at Reasonable Assurance Level (5%) <input checked="" type="checkbox"/> <i>Makul Güven (%5) seviyesinde doğrulandı</i> <input type="checkbox"/> Verified at Limited Assurance Level <input type="checkbox"/> <i>Sınırlı Güven seviyesinde doğrulandı</i>
<b>Evaluation by Verification Criteria /</b> <i>Doğrulama Kriterlerine Göre Değerlendirme</i>	The direct water footprint inventory was conducted in accordance with the requirements of ISO 14046:2014 Environmental Management – Water Footprint – Principles, Requirements and Guidelines. No material misstatements in this direct water footprint inventory  <i>Doğrudan su ayak izi envanteri ISO 14046:2014 Çevre Yönetimi – Su Ayak İzi – İlkeler, Gereksinimler ve Yönergeler gerekliliklerine uygun olarak yapılmıştır. Bu doğrudan su ayak izi envanterinde önemli bir yanlış beyan yoktur</i>
<b>Verification Result /</b> <i>Doğrulama Sonucu</i>	QSI has verified the water footprint report prepared in accordance with the EN ISO 14046:2014 standard for the above-mentioned period according to the principles of ISO 17029:2019.  <i>QSI yukarıda belirtilen dönem için EN ISO 14046:2014 standardına göre hazırlanmış su ayak izini raporunu ISO 17029:2019 esaslarına göre doğrulanmıştır.</i>



## 1- Reporting Boundaries / Raporlama Sınırları

Sümer Kampüsü 38080 Kayseri, Türkiye

### **Blue Water Footprint / Mavi Su Ayakizi**

164674,41 m<sup>3</sup>

### **Gray Water Footprint / Gri Su Ayakizi**

13306,83 m<sup>3</sup>

### **Green Water Footprint / Yeşil Su Ayakizi**

108 m<sup>3</sup>

## 2- NCN's / Uygunsuzluklar

There are no non-compliances that remain open from the audits and need to be reviewed.

*Tetkiklerden açık kalan ve gözden geçirilmesi gereken herhangi bir uygunsuzluk bulunmamaktadır.*

### 3- Verification Explanation / Doğrulama Açıklaması

The purpose of the verification is to establish a reasonable trust level opinion on the above-mentioned water footprint statements, including:

- a) Compliance with the requirements of EN ISO 14046:2014 standard,
- b) The acceptability of the calculated water footprint.

The verification activities carried out are based on the ISO 17029:2019 standard principles. In this context, the following verification activities were carried out;

- Reviewing of documentation, controls and methods, including other verification reports,
- Preparation of the risk assessment and verification plan,
- Evaluation of water footprint information management, documentation, records, controls and methods of the organization,
- Documentation of verification findings and observations in the verification report,
- Assessment and documentation of non-conformities and reconciliations of observations in the verification report,
- Preparing the verification statement and completing the verification.

*Doğrulamanın amacı, yukarıda belirtilen sera gazı beyanları hakkında aşağıda belirtilen hususlara dair Makul güven seviyesinde bir görüş ortaya koymaktır:*

- a) *EN ISO 14046:2014 standardının şartlarına uygunluk,*
- b) *Hesaplanan su ayak izinin kabul edilebilirliği.*

*Gerçekleştirilen doğrulama faaliyetleri, ISO 17029:2019 standardı prensiplerini esas almaktadır. Bu kapsamda aşağıda belirtilen doğrulama faaliyetleri gerçekleştirilmiştir;*

- *Diğer doğrulama raporları dahil dokümantasyon, kontroller ve yöntemlerin gözden geçirilmesi,*
- *Risk değerlendirilmesi ve doğrulama planının hazırlanması,*
- *Kuruluş su ayakizi bilgi yönetimi, dokümantasyon, kayıtlar, kontroller ve yöntemlerin değerlendirilmesi,*
- *Doğrulama raporunda, doğrulama bulgularının ve gözlemlerin dokümante edilmesi,*
- *Doğrulama raporunda uygunsuzluklar ve gözlemlere ilişkin uzlaşmaların değerlendirilmesi ve dokümante edilmesi,*
- *Doğrulama beyanının hazırlanması ve doğrulamanın tamamlanması.*

During the verification process, a risk assessment was made, a sample plan and a verification plan were created, and within the framework of this planning, documents were reviewed and site visits were made for the following purposes;

- Selection and management of water footprint information and data,
- Processes for collecting, processing, combining and reporting water footprint information and data,
- Processes and systems created for the accuracy of water footprint information and data,
- Studies conducted to design and maintain the water footprint information system,
- Systems and processes that ensure the continuity of the water footprint information system,
- Other systems supporting water footprint information system
- Results of previous evaluations, if available and applicable

Findings determined during the document review and site visit were presented to the organization with the Water Footprint Verification Correction Table. The purpose of presenting the verification findings is to agree on the greenhouse gas statement and to identify the issues that need to be clarified.

Correction actions (CA) have been reported and adjusted within the reporting period.

*Doğrulama sürecinde risk değerlendirmesi yapılmış, numune planı ve doğrulama planı oluşturulmuş olup bu planlama çerçevesinde aşağıdaki amaçlar için dokümanların gözden geçirilmesi ve saha ziyaretleri gerçekleştirilmiştir;*

- *Su Ayakizi bilgisi ve verisinin seçimi ve yönetimi,*
- *Su Ayakizi bilgisi ve verisinin toplanması, işlenmesi, birleştirilmesi ve raporlanması için süreçler,*
- *Su Ayakizi bilgisi ve verilerinin doğruluğu için oluşturulan süreçler ve sistemler,*
- *Su Ayakizi bilgi sisteminin tasarımı ve sürekliliğinin sağlanması için yapılan çalışmalar,*
- *Su Ayakizi bilgi sisteminin sürekliliğini sağlayan sistemler ve süreçler,*
- *Su Ayakizi bilgi sistemini destekleyen diğer sistemler*
- *Mevcut ve uygunsa önceki değerlendirmelerin sonuçları*

*Doküman gözden geçirme ve saha ziyareti sırasında tespit edilen bulgular Su Ayakizi Doğrulama Düzeltme Açıklama Tablosu ile kuruluşa sunulmuştur. Doğrulama bulgularının sunulmasının amacı, sera gazı beyanında mutabakata varılması ve açığa kavuşturulması gereken hususların belirlenmesidir.*

*Düzeltme faaliyetleri (DF) bildirilmiş olup raporlama dönemi içinde düzeltilmiştir.*



In addition, the verification team requested an explanation from the organization in cases where there was not enough or enough clear information to decide that the report meets the requirements of EN ISO 14046:2014.

The responses sent by the organization regarding the explanation and correction activities were evaluated and it was determined that the deficiencies that required explanation and correction were corrected.

The verification activity results and the verification report were subjected to a technical review and approved by the technical reviewer.

*Ayrıca doğrulama ekibi, raporun EN ISO 14046:2014 şartlarını karşıladığına karar verebilmek için yeterli veya yeterince açık bilgi bulunmadığı durumlarda kuruluştan açıklama istemiştir.*

*Açıklama ve düzeltme faaliyetlerine yönelik kuruluş tarafından gönderilen yanıtlar değerlendirilerek, açıklama ve düzeltme gerektiren eksikliklerin giderildiği tespit edilmiştir.*

*Doğrulama faaliyeti sonuçları ve doğrulama raporu teknik inceleme sorumlusu tarafından teknik bir gözden geçirmeye tabi tutulmuş ve onaylanmıştır.*

**Approving The Report on Behalf Of QSI  
Okay KAYHANLI  
General Manager**

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