

POLİMER TEKNİK
WATER FOOTPRINT REPORT • 2022





Mainly Report Information



Report Date : June 2023



Revision No : 00



Standardization : ISO 14046-1:2014
Environmental Management



Base Year : 2022



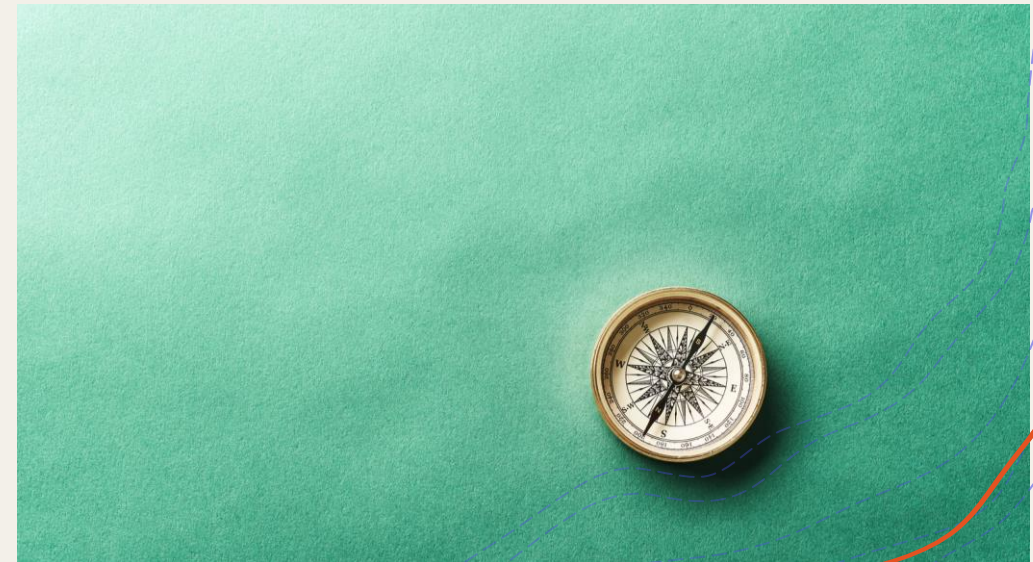
Currently Period : 2022



Reporting Progress : 01.01.2022 - 31.12.2022



Reporting Period : Annual





AIM AND SCOPE

The purpose of the Water Footprint Inventory report is to verify the blue and grey water quantities obtained from the calculations on our company's water use and discharge and to create a transparent verification process to achieve targets.

The scope of the Water Footprint Inventory Report covers the activities carried out in our company in 2022.

The Water Footprint Report was prepared in accordance with the requirements of the ISO 14046:2014 Environmental Management Standard.





DESCRIPTIONS

Blue Water Footprint

- + The blue water footprint refers to the consumption of blue water resources (surface and groundwater) during the supply chain of a product. 'Consumption' refers to the loss of water from an available surface water mass when it evaporates, flows to another collection area or the sea, or is included in a product.

Green Water Footprint

- + The green water footprint is rainwater required for use in an activity.

Gray Water Footprint

- + The grey water footprint refers to pollution and is defined as the volume of freshwater required to assimilate the pollutant load based on current environmental water quality standards.



Polimer Teknik Water Management

Global climate change, increasing urbanization, and over-consumption are increasing pressure on water resources, making efficient water use an increasingly critical issue.

The basic approach is to use water, which forms the foundation of natural life and is a limited resource, with maximum efficiency, reduce the amount of wastewater, and discharge the wastewater at pollution load levels specified by legal permissions without causing harm to the recipient environment biodiversity.

Our facilities discharge their wastewater into the sewer systems of the regions where they are located.





ACCEPTANCES, LIMITATIONS, CALCULATIONS

- + Primary data, such as invoices and meter readings, were used in the calculations.
- + For blue water footprint calculations, Polimer Teknik obtains process water from the tap water. Bottled water can be purchased as drinking water. Primary data was used in calculating blue water footprint.
- + In gray water footprint calculations, the amount of water used in the industrial wastewater generated as a result of Polimer Teknik's operations is included in the calculation of waste water due to its discharge to the industrial zone via sewer connection letter, and the calculation is made using primary data according to exit analysis results.



BLUE WATER FOOTPRINT CALCULATIONS

	Location	Data	Data Source	Data Verification	Total (m ³ /year)
Blue Water	Polimer Teknik	City Water	Water Meter	Water Meter Datas	180
	Polimer Teknik	City Water	Invoice	Invoice	5,878
Total : 185,878					

GRAY WATER FOOTPRINT CALCULATIONS

	Location	Source	Data Source	Data Verification	Total (m ³ /year)
Gray Water	Polimer Teknik	Industrial Sewage	The calculation of wastewater is calculated by using city water consumption.	City Water Datas	180
Total : 180					



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